

Last information update: October 2024

Product configuration: BI12

BI12: 37 surface Full Remote - 9 Warm White LEDs - 24V dc - L=792mm - Wall Grazing Optic

**Product code**

BI12: 37 surface Full Remote - 9 Warm White LEDs - 24V dc - L=792mm - Wall Grazing Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps. Ceiling- and wall-mounted. Consists of a body and supports for installation (to be ordered separately). Extruded aluminium body, with zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White 3100K with 24V dc electronic circuit (ballast to be ordered separately); 24V smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with a PMMA diffusing filter and optic with plastic (methacrylate) lens for Wall Grazing lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=90mm code BZJ8, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

1.3

Mounting

wall surface|ceiling surface

Wiring

The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm² PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP66 junction box with quick-coupling terminals (BZK7). 24V dc electronic ballasts to be ordered separately: 120W (BZK0), 240W (9912) and 480W (BZK1)

Notes

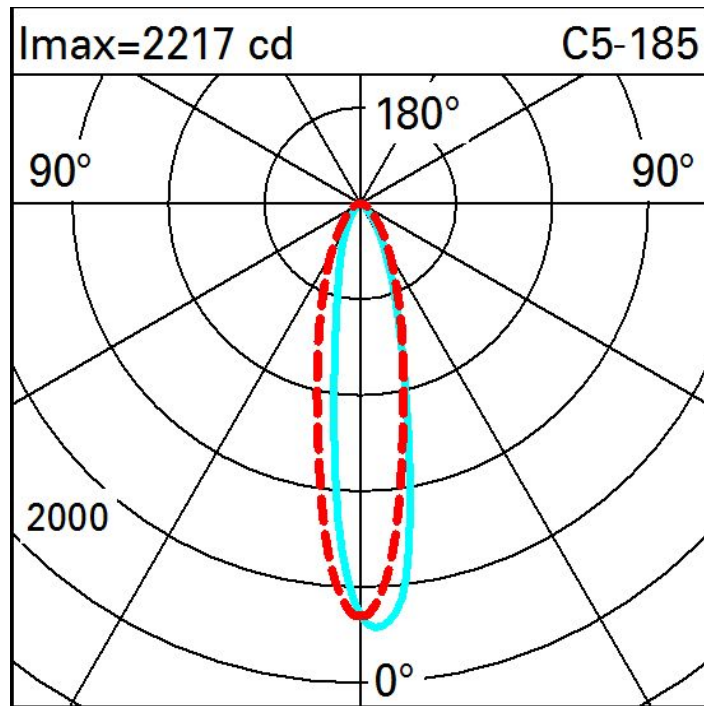
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	729	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	10.2	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	1350	Voltage [Vin]:	24
W source:	8.8	Lamp code:	LED
Luminous efficiency (Im/W, real value):	71.5	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	54	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	350
Colour temperature [K]:	3000	Control:	PWM
MacAdam Step:	3		

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.3	0.9	3	6	8	6	3	0.9	0.3	0.1			
2	0.8	2	3	7	13	18	13	7	3	2	0.8			
	1	2	5	10	21	27	21	10	5	2	1			
1	2	3	6	12	21	27	21	12	6	3	2			
	2	3	6	11	18	24	18	11	6	3	2			
0														
	m	-2	-1	0	1	2	3							

EZ90: 47 surface Integral – Warm White – 220÷240Vac DALI – L=611mm – Spot optic



EZ90: 47 surface Integral – Warm White – 220÷240Vac DALI – L=611mm – Spot optic

Direct light luminaire, designed to use monochrome LED lamps, DALI 220÷ 240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 220÷240Vac DALI electronic driver (ballast included). Supplied with a nickel-plated brass PG11 single cable gland with H05RN-F 5x1,5mm² rubber outlet cable with male IP68 connector. Fitted with optics with a plastic (methacrylate) lens for Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

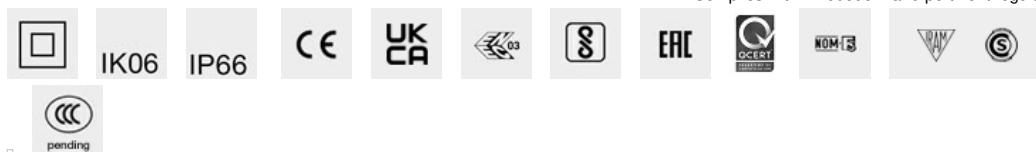
1.8

wall arm|wall surface|ceiling surface

Complete with DALI control card and a 220~240Vac electronic ballast. The product is supplied with a nickel-plated brass PG11 single cable gland with H05RN-F 5x1,5mm² rubber outlet cable with male IP68 connector. Available for electrical connection and DALI control: IP68 5-pin female connector, IP68 5-pin male + female connector, and IP68 3-way, 5-pin male/female 250/400 V junction connector for DALI.

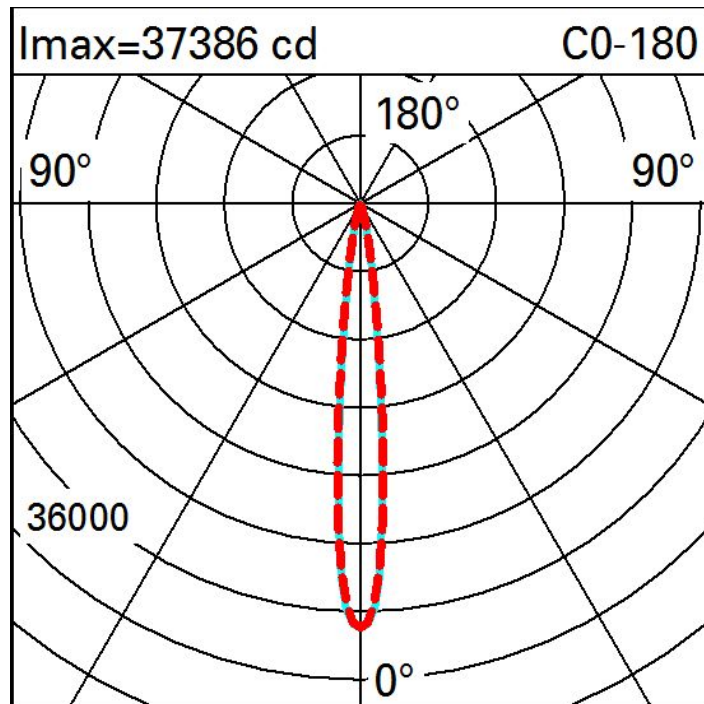
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

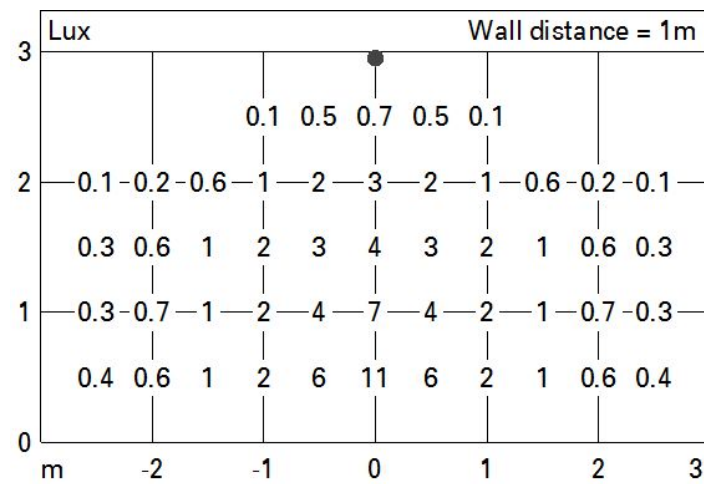


Im system:	2212	MacAdam Step:	3
W system:	27.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	2800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	21	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	79.6	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	3000		

Polar



Illuminances



Last information update: November 2024

Product configuration: EY98

EY98: 47 surface Integral – Warm White – 220÷240Vac DMX512-RDM – L=611mm – Spot optic

**Product code**

EY98: 47 surface Integral – Warm White – 220÷240Vac DMX512-RDM – L=611mm – Spot optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 220÷ 240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 220÷240Vac DMX512-RDM electronic driver (ballast included). Supplied with a nickel-plated brass PG11 single cable gland with H05RN-F 5x1,5mm² rubber outlet cable with male IP68 connector. Fitted with optics with a plastic (methacrylate) lens for Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.8

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 single cable gland with H05RN-F 5x1,5mm² rubber outlet cable with male IP68 connector. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male + female connector, and IP68 3-way, 5-pin male/female 250/400 V junction connector for DMX.

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations



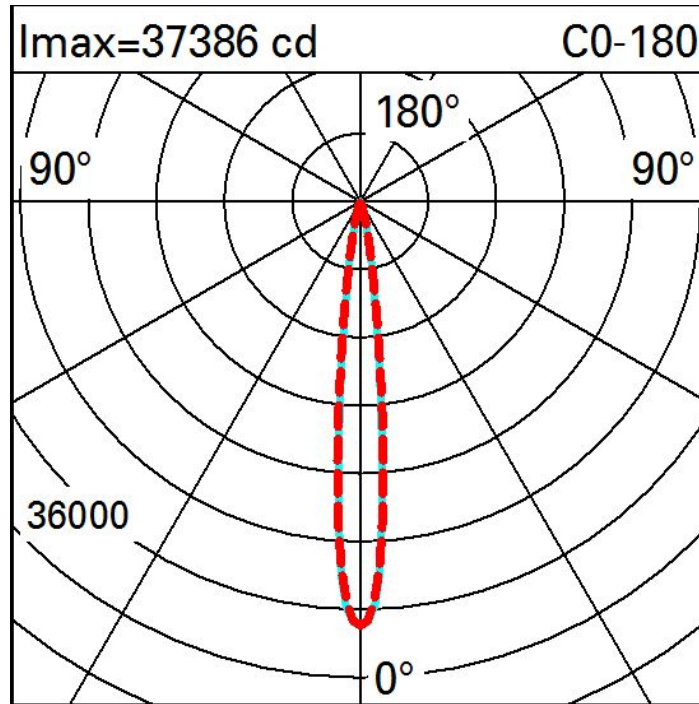
IK06

IP66

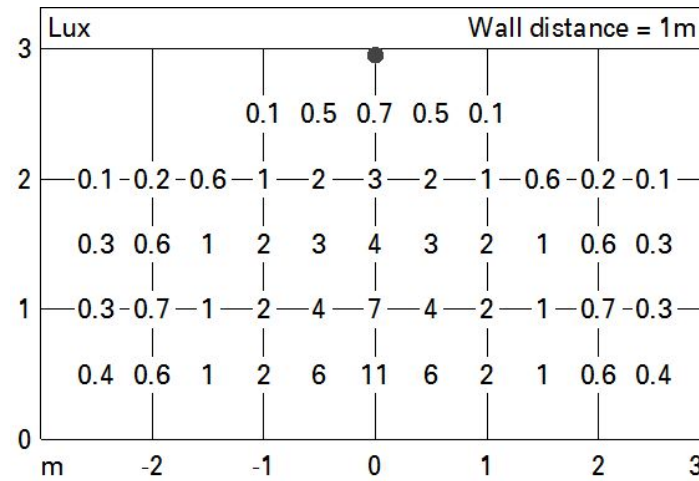
**Technical data**

Im system:	2212	MacAdam Step:	3
W system:	27.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	2800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	21	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	79.6	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DMX-RDM
Colour temperature [K]:	3000		

Polar

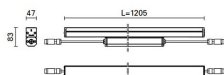


Illuminances



Product configuration: EJ00

EJ00: 47 surface Integral – Neutral White – 220÷240Vac DALI – L=1205mm – Flood optic



EJ00: 47 surface Integral – Neutral White – 220÷240Vac DALI – L=1205mm – Flood optic

Direct light luminaire, designed to use monochrome LED lamps, DALI 220÷240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White and a 220÷240Vac DALI electronic driver (ballast included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

3.3

mounting
wall arm|wall surface|ceiling surface

Complete with DALI control card and a 220~240Vac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DALI control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), and IP68 5-pin male + female connectors.

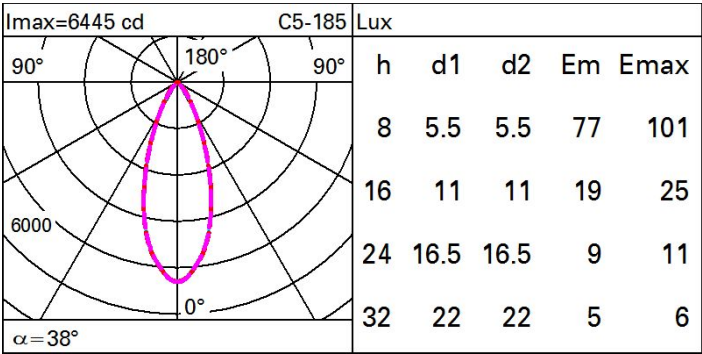
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

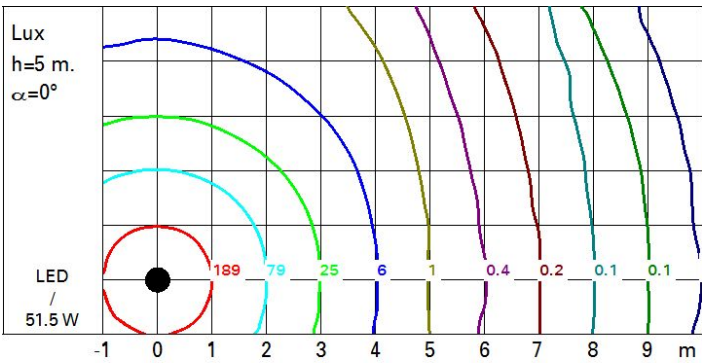


Im system:	3248	MacAdam Step:	3
W system:	51.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	5600	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	41	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	63.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	58	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	4000		

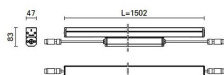
Polar



Isolux



EJ21: 47 surface Integral – Warm White – 220÷240Vac DALI – L=1502mm – Wide Flood optic



EJ21: 47 surface Integral – Warm White – 220÷240Vac DALI – L=1502mm – Wide Flood optic

Direct light luminaire, designed to use monochrome LED lamps, DALI 220> 240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 220>240Vac DALI electronic driver (ballast included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Wide Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

4.1

wall arm|wall surface|ceiling surface

Complete with DALI control card and a 220~240Vac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DALI control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), and IP68 5-pin male + female connectors.

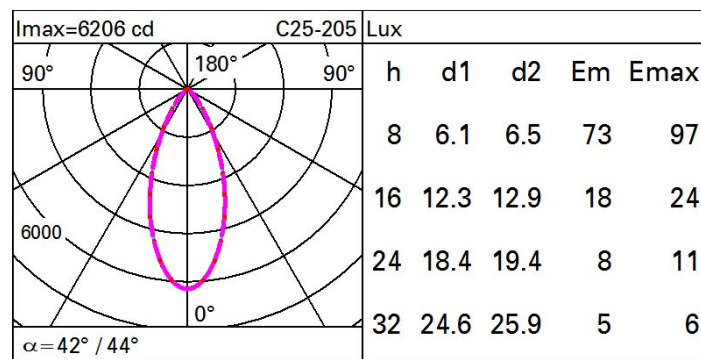
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

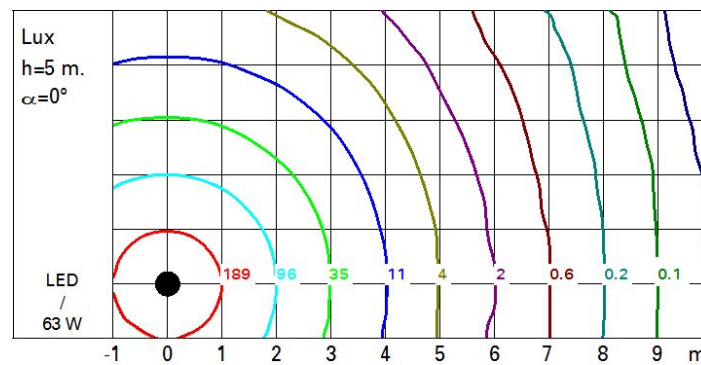


Im system:	3900	MacAdam Step:	3
W system:	63	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	6500	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	52	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	61.9	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	42° / 44°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	2700		

Polar



Isolux



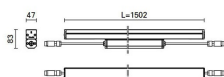
Product configuration: EZ17.15
EZ17.15: 47 surface Integral – Warm White – 220÷240 Vac DMX512-RDM – L=1502mm – Flood optic - 63W 3770lm - 2700K - Grey



EZ17.15: 47 surface Integral – Warm White – 220÷240 Vac DMX512-RDM – L=1502mm – Flood optic - 63W 3770lm - 2700K - Grey

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 220÷ 240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 220÷240Vac DMX512-RDM electronic driver (ballast included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.



Weight (Kg)

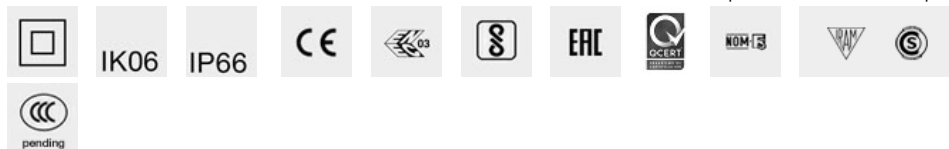
4.1

wall arm|wall surface|ceiling surface

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 5x1, 5mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), and IP68 5-pin male + female connectors.

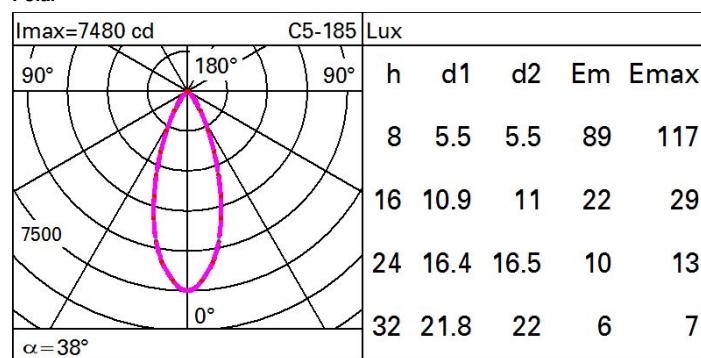
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

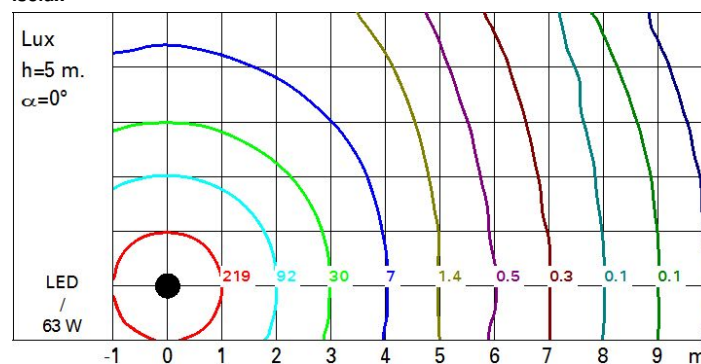


Im system:	3770	MacAdam Step:	3
W system:	63	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	6500	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	52	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	59.8	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	58	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DMX-RDM
Colour temperature [K]:	2700		

Polar

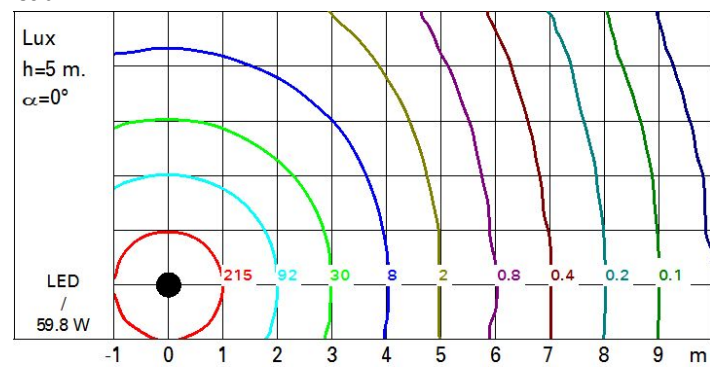


Isolux



EZ39.15: 47 surface Integral – 220÷240Vac DMX512-RDM – L=1205mm – Flood optic - 59.8W 3807lm - Tunable white - Grey

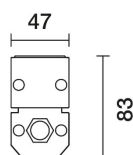
Isolux



Last information update: March 2025

Product configuration: SR26.15

SR26.15: 47 surface Integral – Warm White – 220÷240Vac DALI – L=340mm – Wall Grazing Medium optic - 14.9W 756lm - 3000K - Grey

**Product code**

SR26.15: 47 surface Integral – Warm White – 220÷240Vac DALI – L=340mm – Wall Grazing Medium optic - 14.9W 756lm - 3000K - Grey

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 220÷240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 220÷240Vac DALI electronic driver (power supply included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Wall Grazing Medium lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

Grey (15)

Mounting

wall arm|wall surface|ceiling surface

Wiring

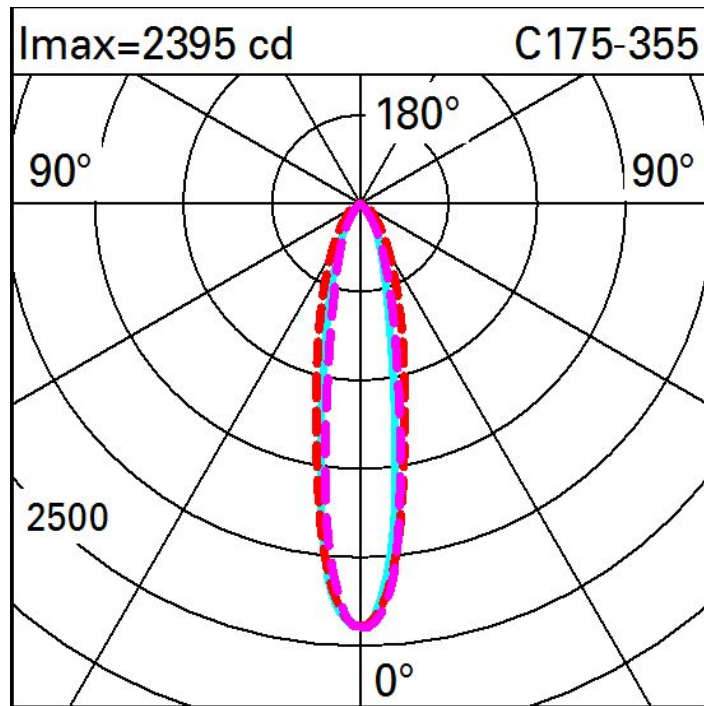
Complete with DALI control card and a 220÷240Vac electronic power supply. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 4x1, 5mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DALI control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	756	MacAdam Step:	3
W system:	14.9	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1400	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	10	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	50.7	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	54	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	3000	Control:	DALI-2

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.3	0.6	2	4	5	4	2	0.6	0.3	0.1			
2	0.8	2	3	5	9	11	9	5	3	2	0.8			
	1	2	4	9	17	21	17	9	4	2	1			
1	1	2	5	11	18	24	18	11	5	2	1			
	2	3	6	10	16	21	16	10	6	3	2			
0														
	m	-2	-1	0	1	2	3							

Last information update: February 2025

Product configuration: EY55.15

EY55.15: 47 surface Integral – Warm White – 220÷240 Vac DMX512-RDM – L=1502mm - WallGrazing Spot optic - 63W 4620lm - 3000K - Grey

**Product code**

EY55.15: 47 surface Integral – Warm White – 220÷240 Vac DMX512-RDM – L=1502mm - WallGrazing Spot optic - 63W 4620lm - 3000K - Grey

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 220÷240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 220÷240Vac DMX512-RDM electronic driver (ballast included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

Grey (15)

Weight (Kg)

4.1

Mounting

wall arm|wall surface|ceiling surface

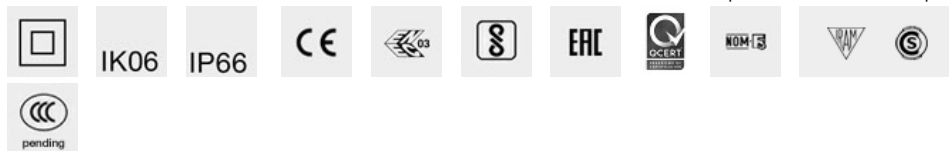
Wiring

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 5x1, 5mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), and IP68 5-pin male + female connectors.

Notes

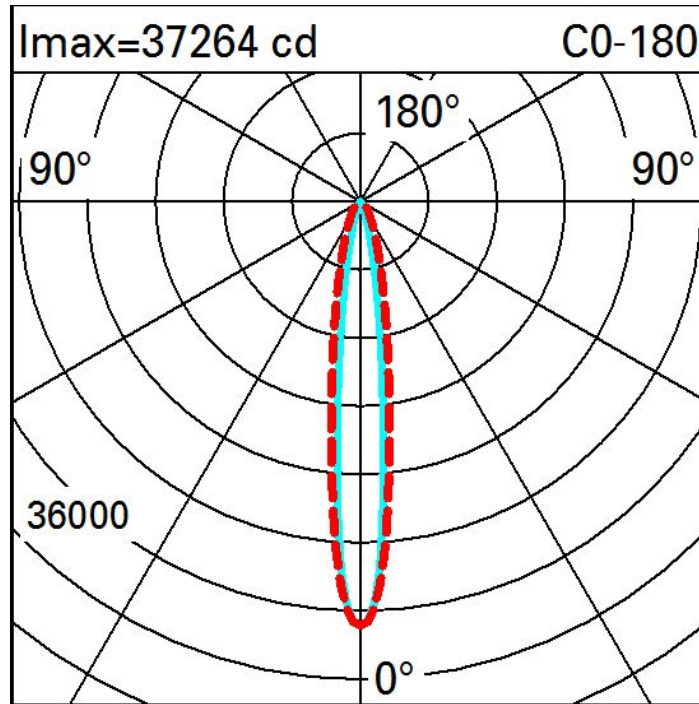
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	4620	MacAdam Step:	3
W system:	63	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	7000	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	52	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	73.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	3000	Control:	DMX-RDM

Polar



Illuminances

Lux											Wall distance = 1m	
3												
	0.6	1	3	8	18	25	18	8	3	1	0.6	
2	3	6	11	20	33	43	33	20	11	6	3	
	5	8	13	21	34	43	34	21	13	8	5	
1	5	8	12	21	35	48	35	21	12	8	5	
	5	8	13	21	34	49	34	21	13	8	5	
0												
	m	-2	-1	0	1	2	3					

Product configuration: EY86

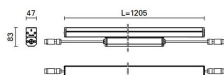
EY86: 47 surface Integral – 220÷240Vac DMX512-RDM – L=1205mm - WallGrazing WideFlood optic



EY86: 47 surface Integral – 220÷240Vac DMX512-RDM – L=1205mm - WallGrazing WideFlood optic

Direct light luminaire, designed to use RGB LED lamps, DMX512-RDM 220÷240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in RGB colour and a 220÷240Vac DMX512-RDM electronic driver (ballast included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing WideFlood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.



White (01) | Black (04) | Grey (15) | Rust Brown (F5)

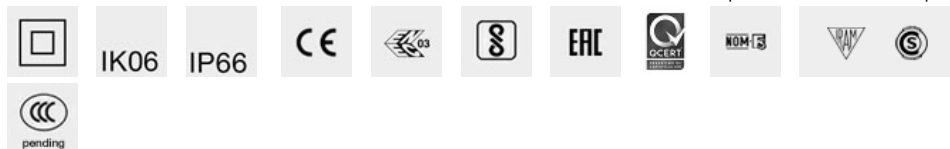
3.3

wall arm|wall surface|ceiling surface

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 5x1, 5mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), and IP68 5-pin male + female connectors.

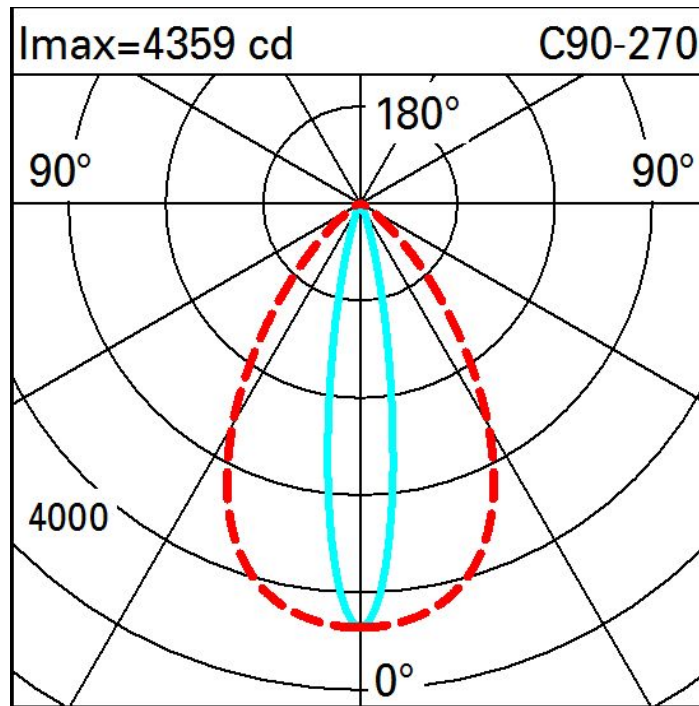
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

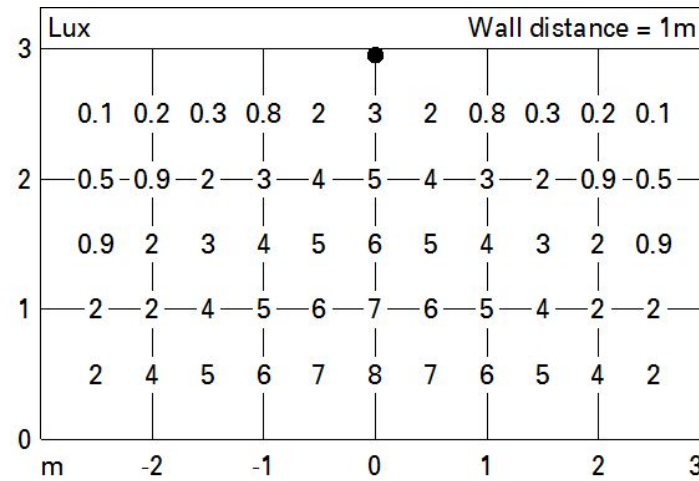


Im system:	1701	Life Time LED 2:	96,000h - L80 - B10 (Ta 40°C)
W system:	40.5	Voltage [Vin]:	230
Im source:	2700	Lamp code:	LED
W source:	31	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	42	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	63	Control:	DMX-RDM
Life Time LED 1:	100.000h - L80 - B10 (Ta 25°C)		

Polar



Illuminances



Last information update: February 2025

Product configuration: EY75.15EY75.15: 47 surface Integral – Neutral White – 220÷240 Vac DMX512-RDM – L=1502mm - WallGrazing WideFlood optic - 63W
5110lm - 4000K - Grey**Product code**EY75.15: 47 surface Integral – Neutral White – 220÷240 Vac DMX512-RDM – L=1502mm - WallGrazing WideFlood optic - 63W
5110lm - 4000K - Grey**Technical description**

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 220÷240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White and a 220÷240Vac DMX512-RDM electronic driver (ballast included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing WideFlood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

Grey (15)

Weight (Kg)

4.1

Mounting

wall arm|wall surface|ceiling surface

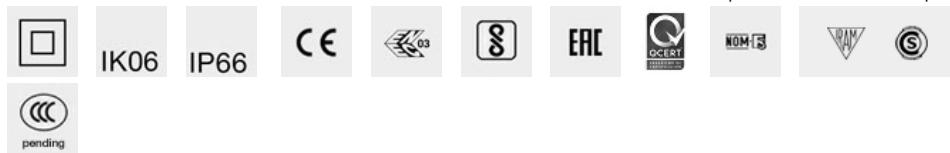
Wiring

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 5x1, 5mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), and IP68 5-pin male + female connectors.

Notes

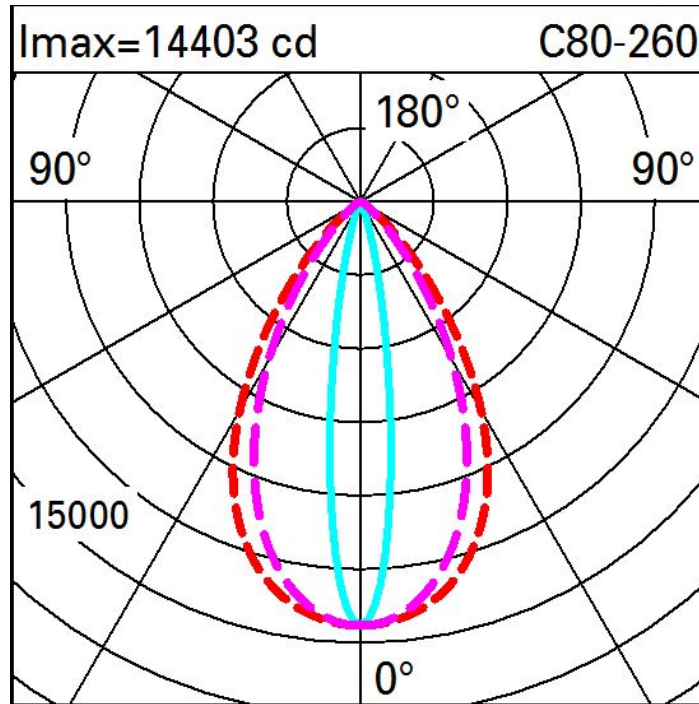
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

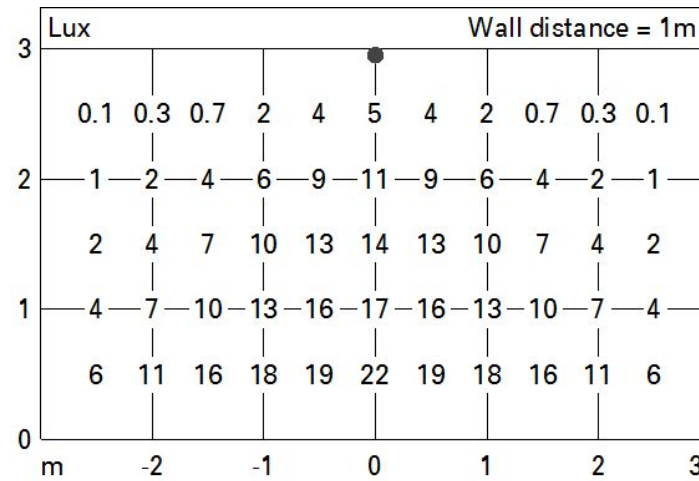
**Technical data**

Im system:	5110	MacAdam Step:	3
W system:	63	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	7000	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	52	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	81.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	73	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	4000	Control:	DMX-RDM

Polar



Illuminances



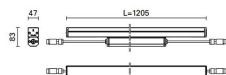
Product configuration: EZ66
EZ66: 47 surface Integral – Neutral White – 220÷240Vac DALI – L=1205mm - Wall Grazing WideFlood optic



EZ66: 47 surface Integral – Neutral White – 220÷240Vac DALI – L=1205mm - Wall Grazing WideFlood optic

Direct light luminaire, designed to use monochrome LED lamps, DALI 220÷240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White and a 220÷240Vac DALI electronic driver (ballast included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing WideFlood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.



White (01) | Black (04) | Grey (15) | Rust Brown (F5)

3.3

wall arm|wall surface|ceiling surface

Complete with DALI control card and a 220~240Vac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DALI control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), and IP68 5-pin male + female connectors.

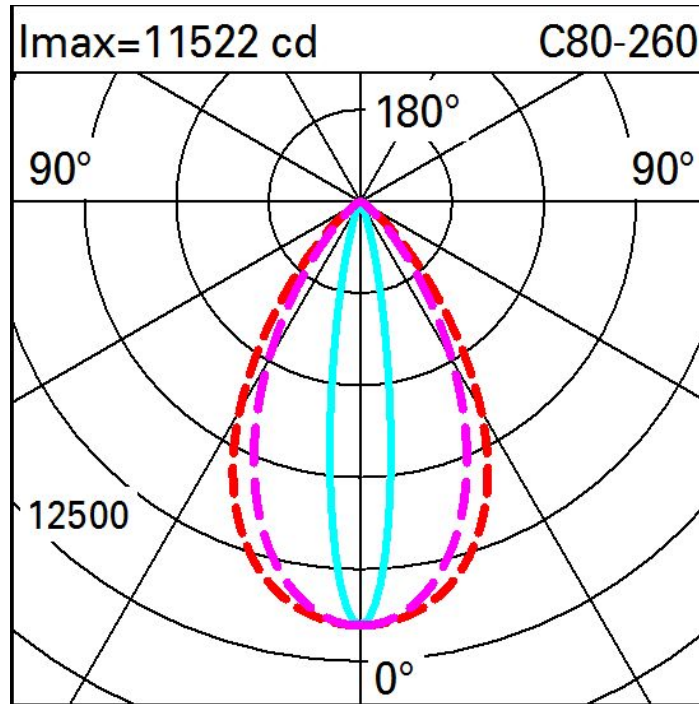
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations



Im system:	4088	MacAdam Step:	3
W system:	51.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	5600	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	41	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	79.4	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	73	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	4000	Control:	DALI-2

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.2	0.6	1	3	4	3	1	0.6	0.2	0.1			
2	0.9	2	3	5	7	9	7	5	3	2	0.9			
	2	3	6	8	10	11	10	8	6	3	2			
1	3	5	8	11	12	14	12	11	8	5	3			
	5	9	12	15	15	18	15	15	12	9	5			
0														
	m	-2	-1	0	1	2	3							

Last information update: February 2025

Product configuration: UE59

UE59: 27 Surface Full Remote - Warm White - 48 Vdc - L=625mm - Wall Grazing No Dot optic

**Product code**

UE59: 27 Surface Full Remote - Warm White - 48 Vdc - L=625mm - Wall Grazing No Dot optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. The product is fitted with a black-painted, copper alloy microlouvre to increase visual comfort while maintaining uniformity. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with a No Dot optical system. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

0.76

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

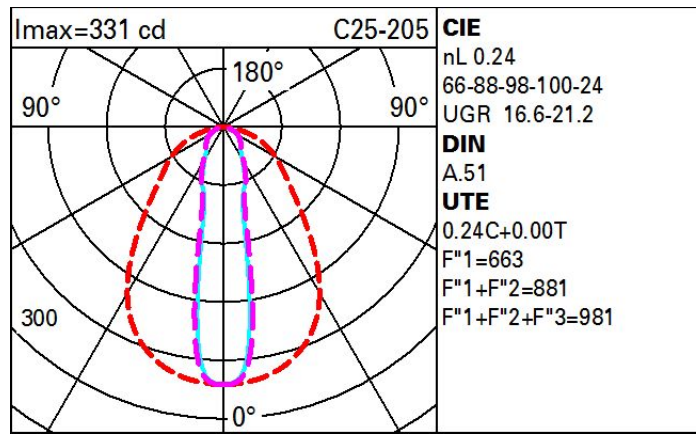
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	276	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	7.7	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	1150	Voltage [Vin]:	48
W source:	6	Lamp code:	LED
Luminous efficiency (Im/W, real value):	35.8	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	24	Intervalllo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	3000	Control:	PWM
MacAdam Step:	3		

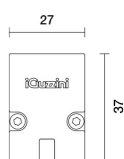
Polar



Last information update: February 2025

Product configuration: S987

S987: 27 surface Full Remote - Warm White - 48 Vdc - L=920mm - Spot Elliptical

**Product code**

S987: 27 surface Full Remote - Warm White - 48 Vdc - L=920mm - Spot Elliptical

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Elliptical optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.12

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

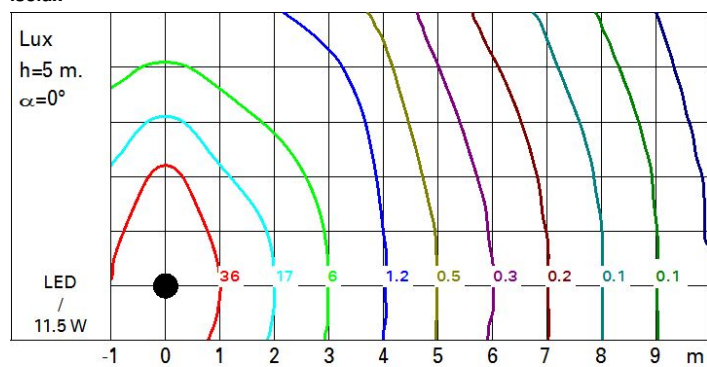
lm system:	998	MacAdam Step:	3
W system:	11.5	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
lm source:	1720	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	8.9	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	86.7	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	58	Number of optical assemblies:	1
Beam angle [°]:	22° / 60°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	PWM
Colour temperature [K]:	3000		

Polar

Imax=1895 cd		C85-265		Lux	
h	d1	d2	Em	Emax	
4	1.6	4.6	85	118	
8	3.2	9.2	21	30	
12	4.8	13.9	9	13	
16	6.4	18.5	5	7	

$\alpha = 22^\circ / 60^\circ$

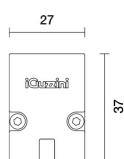
Isolux



Last information update: February 2025

Product configuration: UE74

UE74: 27 Surface Full Remote - Warm White - 48 Vdc - L=625mm - General Light No Dot optic

**Product code**

UE74: 27 Surface Full Remote - Warm White - 48 Vdc - L=625mm - General Light No Dot optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. The product is fitted with a black-painted, copper alloy microlouvre to increase visual comfort while maintaining uniformity. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with a No Dot optical system. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

0.76

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations



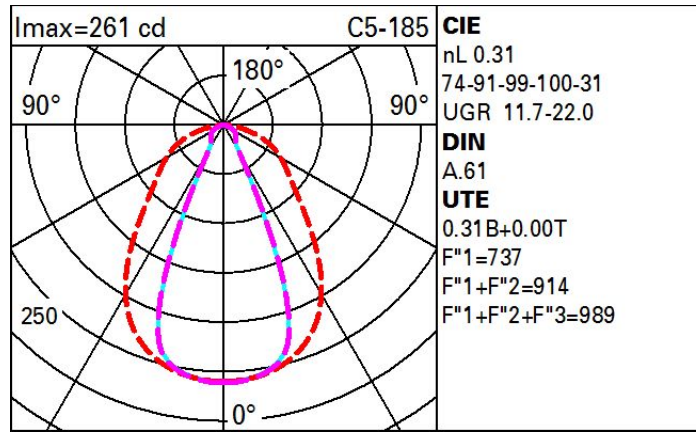
IK06

IP66

**Technical data**

Im system:	301	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	7.7	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	970	Voltage [Vin]:	48
W source:	6	Lamp code:	LED
Luminous efficiency (Im/W, real value):	39.1	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	31	Intervalllo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2200	Control:	PWM
MacAdam Step:	3		

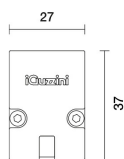
Polar



Last information update: February 2025

Product configuration: UF42

UF42: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Wide Flood optic

**Product code**

UF42: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Wide Flood optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Reflector optical system with a Wide Flood optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.71

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations



IK06

IP66

**Technical data**

Im system:	2002	MacAdam Step:	3
W system:	19.1	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
Im source:	2860	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	15	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	104.8	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	70	Number of optical assemblies:	1
Beam angle [°]:	56° / 58°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	3000	Control:	PWM

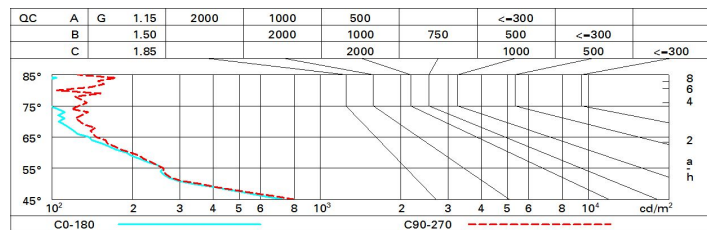
Polar

	IEC nL 0.70 99-100-100-100-70 UGR <10-10 DIN A.61 UTE 0.70A+0.00T F*1=990 F*1+F*2=998 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m² at 65° UGR<10 L<1500 cd/mq @65°				
	h	d1	d2	Em	Emax
	2	2.1	2.2	524	674
	4	4.2	4.4	131	168
	6	6.3	6.7	58	75
	8	8.4	8.9	33	42

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	60	57	56	59	57	57	54	78
1.0	66	63	61	59	62	60	60	58	82
1.5	69	67	65	64	66	64	64	62	88
2.0	71	70	68	67	69	67	67	65	93
2.5	73	71	70	70	70	69	69	67	95
3.0	73	73	72	71	71	71	70	68	97
4.0	74	74	73	73	73	72	71	69	99
5.0	75	74	74	74	73	73	72	70	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2860 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	5.6	6.0	5.9	6.3	6.5	6.8	7.3	7.1	7.5	7.7
	3H	5.5	5.9	5.8	6.2	6.4	6.7	7.1	7.0	7.4	7.6
	4H	5.4	5.8	5.7	6.1	6.4	6.6	7.0	7.0	7.3	7.6
	6H	5.4	5.7	5.7	6.0	6.3	6.6	6.9	6.9	7.2	7.5
	8H	5.3	5.7	5.7	6.0	6.3	6.5	6.9	6.9	7.2	7.5
	12H	5.3	5.6	5.7	5.9	6.3	6.5	6.8	6.9	7.1	7.5
4H	2H	5.4	5.8	5.7	6.1	6.4	6.7	7.0	7.0	7.3	7.6
	3H	5.3	5.6	5.7	5.9	6.3	6.5	6.8	6.9	7.2	7.5
	4H	5.2	5.5	5.6	5.9	6.2	6.4	6.7	6.8	7.1	7.5
	6H	5.1	5.4	5.6	5.8	6.2	6.3	6.6	6.8	7.0	7.4
	8H	5.1	5.3	5.5	5.7	6.2	6.3	6.5	6.7	6.9	7.4
	12H	5.0	5.3	5.5	5.7	6.1	6.2	6.5	6.7	6.9	7.3
8H	4H	5.1	5.3	5.5	5.7	6.2	6.3	6.6	6.8	7.0	7.4
	6H	5.0	5.2	5.5	5.6	6.1	6.2	6.4	6.7	6.9	7.3
	8H	4.9	5.1	5.4	5.6	6.1	6.2	6.3	6.7	6.8	7.3
	12H	4.9	5.1	5.4	5.5	6.1	6.1	6.3	6.6	6.8	7.3
12H	4H	5.0	5.2	5.5	5.7	6.1	6.3	6.5	6.7	6.9	7.4
	6H	4.9	5.1	5.4	5.6	6.1	6.2	6.3	6.7	6.8	7.3
	8H	4.9	5.0	5.4	5.5	6.0	6.1	6.3	6.6	6.8	7.3
Variations with the observer position at spacing:											
S =	1.0H	6.5 / -10.4					6.6 / -10.7				
	1.5H	9.3 / -11.4					9.4 / -11.7				
	2.0H	11.2 / -12.1					11.4 / -12.2				

Last information update: February 2025

Product configuration: UF41

UF41: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Flood optic

**Product code**

UF41: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Flood optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Reflector optical system with a Flood optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.71

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations



IK06

IP66

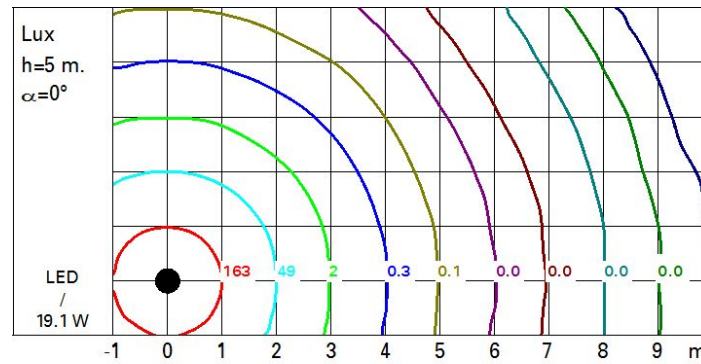
**Technical data**

lm system:	1859	MacAdam Step:	3
W system:	19.1	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
lm source:	2860	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	15	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	97.3	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	65	Number of optical assemblies:	1
Beam angle [°]:	34°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	3000	Control:	PWM

Polar

Imax=5965 cd		C5-185		Lux	
h	d1	d2	Em	Emax	
2	1.2	1.2	1148	1490	
4	2.4	2.4	287	372	
6	3.6	3.7	128	166	
8	4.9	4.9	72	93	

Isolux



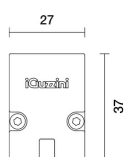
UGR diagram

Corrected UGR values (at 2800 lm bare lamp luminous flux)											
Rflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed					viewed				
x	y	crosswise					endwise				
2H	2H	-4.8	-4.3	-4.5	-4.1	-3.8	-4.6	-4.1	-4.3	-3.8	-3.6
	3H	-4.7	-4.2	-4.4	-4.0	-3.7	-4.6	-4.1	-4.3	-3.9	-3.6
	4H	-4.7	-4.2	-4.3	-3.9	-3.7	-4.6	-4.2	-4.3	-3.9	-3.6
	6H	-4.7	-4.3	-4.3	-4.0	-3.6	-4.7	-4.3	-4.3	-4.0	-3.7
	8H	-4.7	-4.3	-4.3	-3.9	-3.6	-4.7	-4.3	-4.4	-4.0	-3.7
	12H	-4.7	-4.3	-4.3	-4.0	-3.6	-4.8	-4.4	-4.4	-4.1	-3.7
4H	2H	-4.8	-4.4	-4.5	-4.1	-3.8	-4.4	-3.9	-4.0	-3.6	-3.3
	3H	-4.7	-4.3	-4.3	-4.0	-3.6	-4.3	-3.9	-3.9	-3.6	-3.2
	4H	-4.6	-4.3	-4.2	-3.9	-3.5	-4.3	-4.0	-3.9	-3.6	-3.2
	6H	-4.6	-4.3	-4.2	-3.9	-3.5	-4.3	-4.0	-3.9	-3.6	-3.2
	8H	-4.6	-4.3	-4.1	-3.9	-3.5	-4.4	-4.1	-3.9	-3.7	-3.2
	12H	-4.6	-4.3	-4.1	-3.9	-3.4	-4.4	-4.2	-3.9	-3.7	-3.3
8H	4H	-4.7	-4.4	-4.2	-4.0	-3.6	-4.1	-3.8	-3.7	-3.4	-3.0
	6H	-4.6	-4.4	-4.1	-3.9	-3.5	-4.1	-3.9	-3.6	-3.4	-2.9
	8H	-4.6	-4.4	-4.1	-3.9	-3.4	-4.1	-3.9	-3.6	-3.4	-2.9
	12H	-4.5	-4.4	-4.0	-3.9	-3.4	-4.1	-3.9	-3.6	-3.4	-2.9
12H	4H	-4.7	-4.5	-4.3	-4.0	-3.6	-4.1	-3.8	-3.6	-3.4	-2.9
	6H	-4.6	-4.4	-4.2	-4.0	-3.5	-4.0	-3.8	-3.5	-3.4	-2.9
	8H	-4.6	-4.4	-4.1	-3.9	-3.4	-4.0	-3.8	-3.5	-3.4	-2.8
Variations with the observer position at spacing:											
S =	1.0H	4.0 / -2.7					3.9 / -2.3				
	1.5H	6.5 / -3.7					6.3 / -3.3				
	2.0H	8.4 / -4.4					8.2 / -3.9				

Last information update: February 2025

Product configuration: UG15

UG15: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Wall Grazing Wide Flood optic - Microlouvre

**Product code**

UG15: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Wall Grazing Wide Flood optic - Microlouvre

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. The product is fitted with a black-painted, copper alloy microlouvre to increase visual comfort while maintaining uniformity. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Wall Grazing Wide Flood optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.71

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

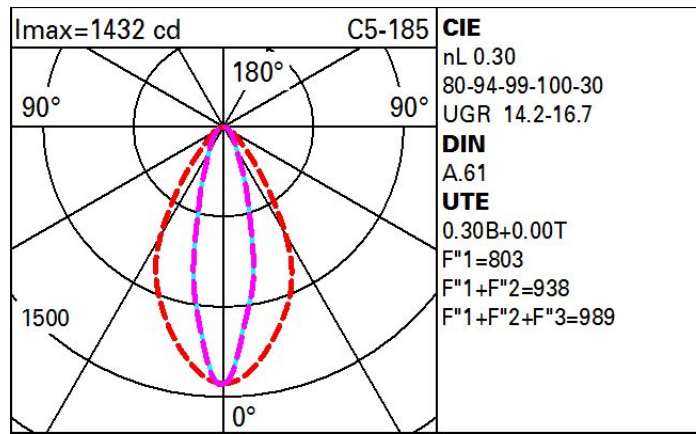
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	845	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	19.1	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	2770	Voltage [Vin]:	48
W source:	15	Lamp code:	LED
Luminous efficiency (Im/W, real value):	44.2	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	31	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2700	Control:	PWM
MacAdam Step:	3		

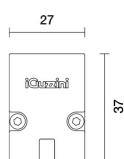
Polar



Last information update: February 2025

Product configuration: S976

S976: 27 surface Full Remote - Neutral White - 48 Vdc - L=920mm - Spot optic

**Product code**

S976: 27 surface Full Remote - Neutral White - 48 Vdc - L=920mm - Spot optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Neutral White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Spot optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.12

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

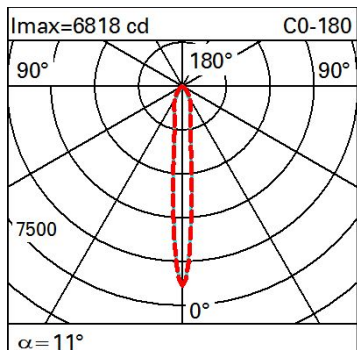
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1151	MacAdam Step:	3
W system:	11.5	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
Im source:	1770	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	8.9	Voltage [Vin]:	48
Luminous efficiency (Im/W, 100 real value):		Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical 1 assembly:	
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	65	Number of optical assemblies:	1
Beam angle [°]:	10°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	4000	Control:	PWM

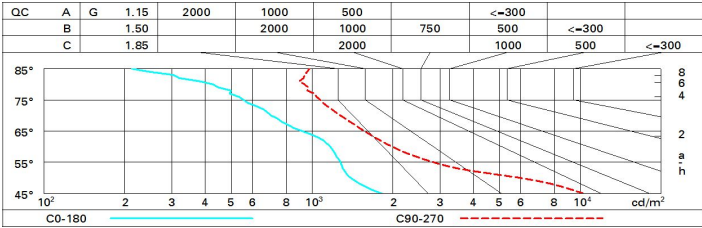
Polar

Imax=6818 cd C0-180		Lux				
90°	180°	90°	h	d1	d2	Em Emax
						
			2	0.4	0.3	1325 1704
			4	0.7	0.7	331 426
			6	1.1	1	147 189
			8	1.5	1.4	83 107

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	56	52	50	48	52	50	49	47	72
1.0	59	56	53	52	55	53	53	50	77
1.5	63	60	58	57	60	58	57	55	85
2.0	65	63	62	60	62	61	60	58	90
2.5	66	65	64	63	64	63	62	60	93
3.0	67	66	65	65	65	64	64	62	95
4.0	68	67	67	66	66	66	65	63	97
5.0	69	68	68	67	67	67	66	64	98

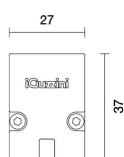
Luminance curve limit



Last information update: February 2025

Product configuration: UF96

UF96: 27 Surface Full Remote - Neutral White - 48 Vdc - L=1216mm - Wall Grazing Medium optic - Microlouvre

**Product code**

UF96: 27 Surface Full Remote - Neutral White - 48 Vdc - L=1216mm - Wall Grazing Medium optic - Microlouvre

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Neutral White multi-LED circuit. The product is fitted with a black-painted, copper alloy microlouvre to increase visual comfort while maintaining uniformity. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Wall Grazing Medium optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.38

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

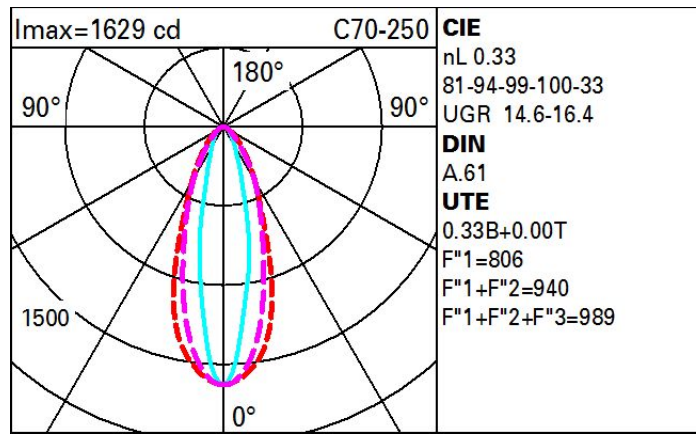
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	779	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	15.3	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	2360	Voltage [Vin]:	48
W source:	12	Lamp code:	LED
Luminous efficiency (Im/W, real value):	50.9	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	33	Intervallio temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	4000	Control:	PWM
MacAdam Step:	3		

Polar



Last information update: February 2025

Product configuration: UF92

UF92: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Spot optic - Microlouvre

**Product code**

UF92: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Spot optic - Microlouvre

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. The product is fitted with a black-painted, copper alloy microlouvre to increase visual comfort while maintaining uniformity. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Wall Grazing Spot optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.12

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

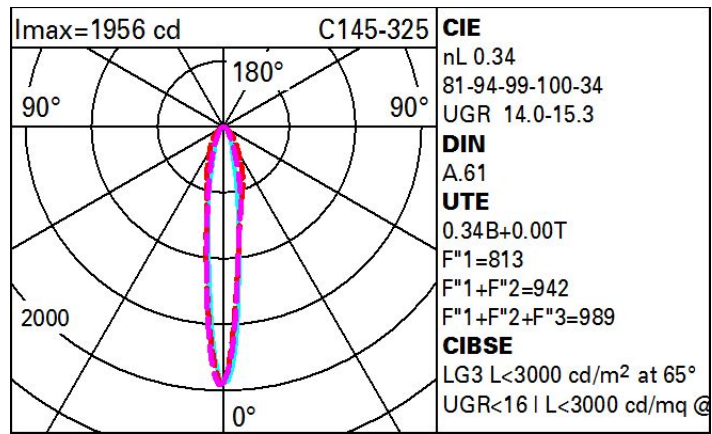
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	504	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	11.5	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	1460	Voltage [Vin]:	48
W source:	8.9	Lamp code:	LED
Luminous efficiency (Im/W, real value):	43.8	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	35	Intervalllo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2200	Control:	PWM
MacAdam Step:	3		

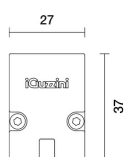
Polar



Last information update: February 2025

Product configuration: UE98

UE98: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Wide Flood optic

**Product code**

UE98: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Wide Flood optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Wall Grazing Wide Flood optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.12

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

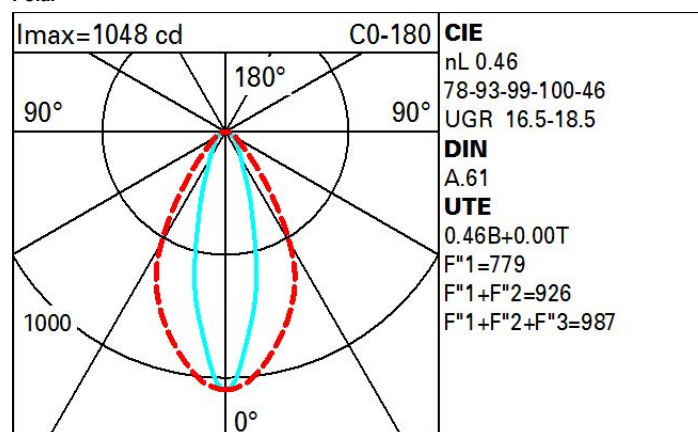
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	672	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	11.5	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	1460	Voltage [Vin]:	48
W source:	8.9	Lamp code:	LED
Luminous efficiency (Im/W, real value):	58.4	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	46	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2200	Control:	PWM
MacAdam Step:	3		

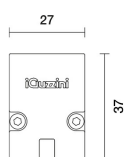
Polar



Last information update: February 2025

Product configuration: UE76

UE76: 27 Surface Full Remote - Neutral White - 48 Vdc - L=920mm - Wall Grazing Medium optic

**Product code**

UE76: 27 Surface Full Remote - Neutral White - 48 Vdc - L=920mm - Wall Grazing Medium optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Neutral White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Wall Grazing Medium optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.12

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

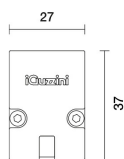
Im system:	885	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	11.5	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	1770	Voltage [Vin]:	48
W source:	8.9	Lamp code:	LED
Luminous efficiency (Im/W, real value):	77	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	50	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	4000	Control:	PWM
MacAdam Step:	3		

	CIE nL 0.50 79-93-99-100-50 UGR 16.9-18.5 DIN A.61 UTE 0.50B+0.00T $F^1=788$ $F^1+F^2=931$ $F^1+F^2+F^3=988$
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Last information update: February 2025

Product configuration: UE96

UE96: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Spot optic

**Product code**

UE96: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Spot optic

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Lens optical system with a Wall Grazing Spot optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.12

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations



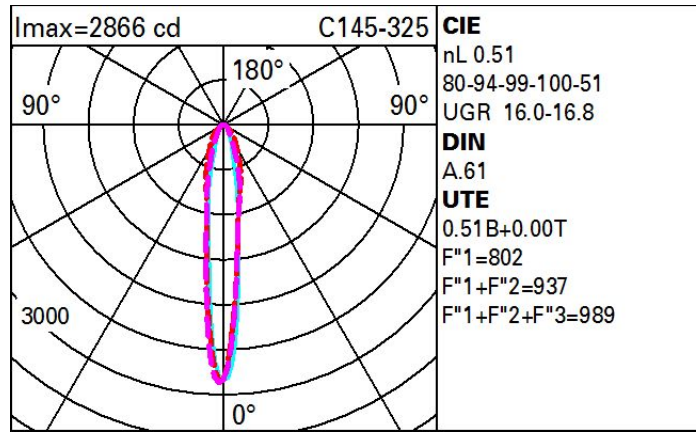
IK06

IP66

**Technical data**

Im system:	752	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	11.5	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	1460	Voltage [Vin]:	48
W source:	8.9	Lamp code:	LED
Luminous efficiency (Im/W, real value):	65.4	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	52	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2200	Control:	PWM
MacAdam Step:	3		

Polar



Last information update: February 2025

Product configuration: SA14

SA14: 27 surface Full Remote - RGBW (W=3000K) - 48 Vdc - L=625mm - Wall Grazing Spot optic

**Product code**

SA14: 27 surface Full Remote - RGBW (W=3000K) - 48 Vdc - L=625mm - Wall Grazing Spot optic

Technical description

Direct light linear luminaire, designed to use LED RGBW (W=3000K) lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with RGBW (W=3000K) multi-LED circuit. The product is fitted with a black-painted, copper alloy microlouvre to increase visual comfort while maintaining uniformity. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with a Wall Grazing Spot optic system. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

0.76

Mounting

wall arm|wall surface|ceiling surface

Notes

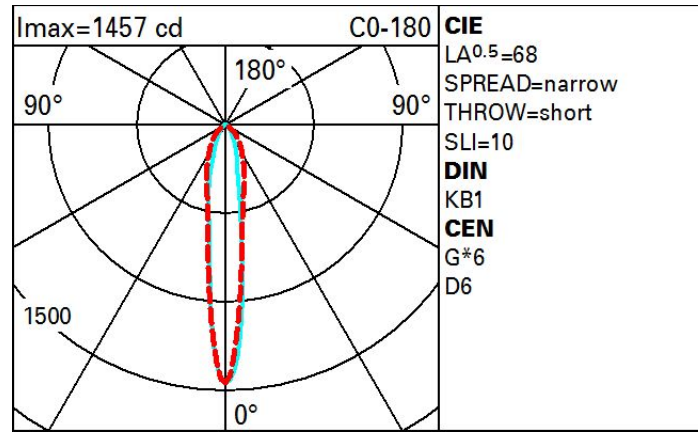
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately. Life Time with only white LEDs ON: 100,000h - L85 - B10 (Ta 25°C) Life Time with only white LEDs ON: 100,000h - L85 - B10 (Ta 40°C) Life Time with only RGB ON: 31,000h - L70 - B50 (Ta 25°C) Life Time with only n.1 coloured LEDs ON: 45,000h - L70 - B50 (Ta 25°C).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	428	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	8.2	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	840	Voltage [Vin]:	48
W source:	6.7	Lamp code:	LED
Luminous efficiency (Im/W, real value):	52.2	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	51	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (typical):	82	LED current [mA]:	45
Colour temperature [K]:	RGBW - 3000K	Control:	PWM

Polar



Last information update: October 2024

Product configuration: S460

S460: 47 surface Integral with side box - Warm White - DALI - L = 1,204mm - Wall Grazing Spot optic

**Product code**

S460: 47 surface Integral with side box - Warm White - DALI - L = 1,204mm - Wall Grazing Spot optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White. Supplied with a double PG13.5 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Spot lighting. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms (for heights < 3m and heights > 3m) and plates.

Colour

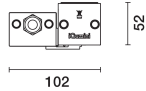
White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.05

Mounting

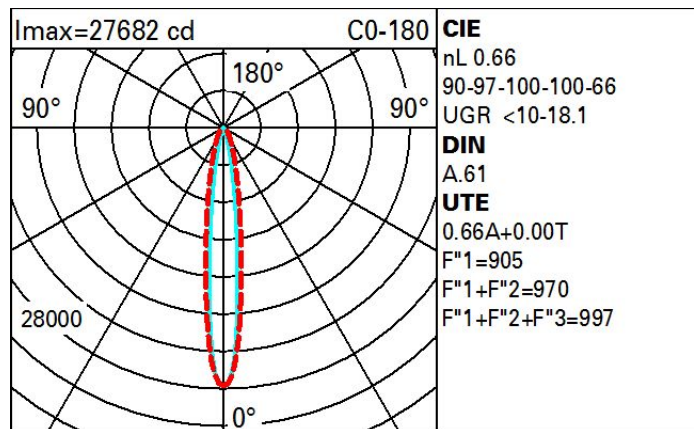
wall arm/wall surface



Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	3432	MacAdam Step:	3
W system:	51.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	5200	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	41	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	66.6	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervalllo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	2700	Control:	DALI-2

Polar

Last information update: February 2025

Product configuration: S479.15

S479.15: 47 surface Integral with side box - Warm White - DMX - L = 907mm - Wall Grazing Spot optic - 39.2W 2772lm - 3000K - Grey

**Product code**

S479.15: 47 surface Integral with side box - Warm White - DMX - L = 907mm - Wall Grazing Spot optic - 39.2W 2772lm - 3000K - Grey

Technical description

Direct light luminaire, designed to use monochrome LED lamps. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White. Supplied with a double PG13.5 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Spot lighting. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms (for heights < 3m and heights > 3m) and plates.

Colour

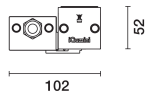
Grey (15)

Weight (Kg)

2.8

Mounting

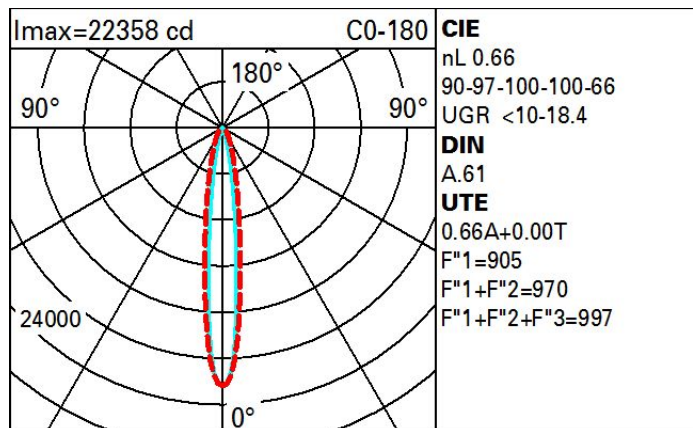
wall arm/wall surface



Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2772	MacAdam Step:	3
W system:	39.2	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	4200	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	31	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	70.7	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	3000	Control:	DMX-RDM

Polar

Last information update: March 2025

Product configuration: SS63

SS63: 47 surface Integral with side box - Wall/Ceiling-mounted - Neutral White - DALI - L = 340mm - Wall Grazing Medium optic

**Product code**

SS63: 47 surface Integral with side box - Wall/Ceiling-mounted - Neutral White - DALI - L = 340mm - Wall Grazing Medium optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Neutral White. Supplied with a double PG13.5 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Medium lighting. All external screws used are made of A2 stainless steel.

Installation

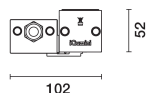
Installation accessories can be purchased separately, including arms (for heights < 3m and heights > 3m) and plates.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Mounting

wall arm|wall surface



Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	756.0	MacAdam Step:	3
W system:	14.9	Life Time LED 1:	100,000h - L80 - B10 (Ta 25C)
Im source:	1400	Life Time LED 2:	100,000h - L80 - B10 (Ta 40C)
W source:	10	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	50.74	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	54	Number of optical assemblies:	1
Beam angle [°]:	20° / 24°	Intervalllo temperatura ambiente:	from -30°C to 50°C.
CRI:	80	Control:	DALI-2
Colour temperature [K]:	4000		

Last information update: October 2024

Product configuration: S496

S496: 47 surface Integral with side box - Warm White - DALI - L = 1,204mm - Wall Grazing Medium optic

**Product code**

S496: 47 surface Integral with side box - Warm White - DALI - L = 1,204mm - Wall Grazing Medium optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White. Supplied with a double PG13.5 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Medium lighting. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms (for heights < 3m and heights > 3m) and plates.

Colour

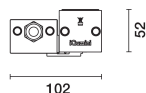
White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.05

Mounting

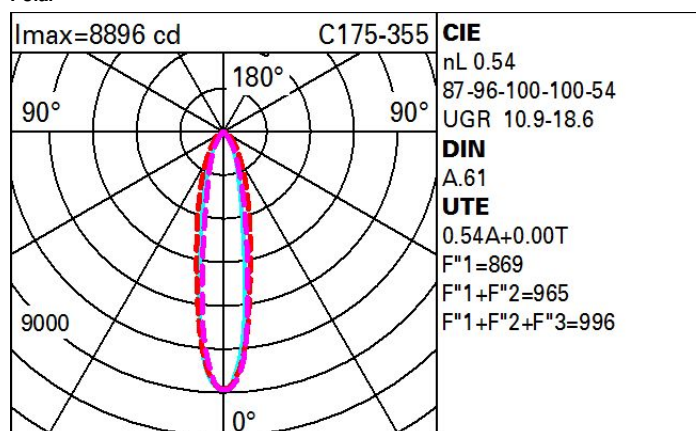
wall arm|wall surface



Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2808	MacAdam Step:	3
W system:	51.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	5200	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	41	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	54.5	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	54	Number of optical assemblies:	1
CRI (minimum):	80	Intervalllo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	2700	Control:	DALI-2

Polar

Last information update: October 2024

Product configuration: S561

S561: 47 surface Integral with side box - RGBW (W=4000K) - DMX - L = 1,501mm - Wall Grazing Wide Flood optic

**Product code**

S561: 47 surface Integral with side box - RGBW (W=4000K) - DMX - L = 1,501mm - Wall Grazing Wide Flood optic

Technical description

Direct light luminaire, designed to use RGBW LED lamps, (W=4000K), 220÷240Vac DMX512-RDM dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in RGBW colour and a 220÷240Vac DMX512-RDM electronic driver (power supply included). Supplied with a double PG13.5 cable gland and outlet cables for pass-through wiring with IP68 male/female connectors. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wide Flood lighting. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms (for heights < 3m and heights > 3m) and plates.

Colour

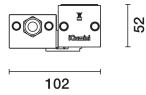
White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.45

Mounting

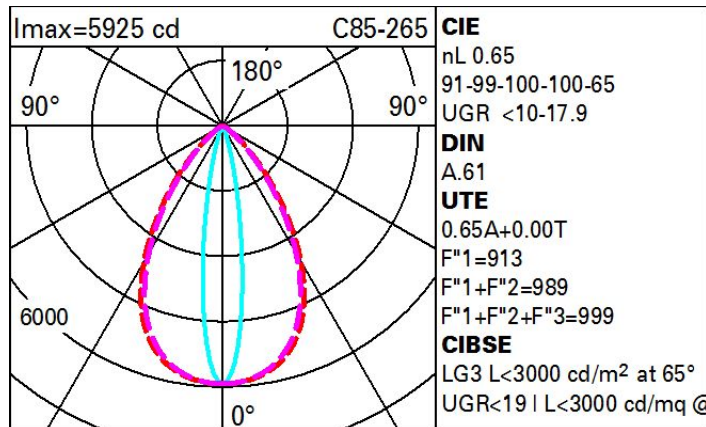
wall arm|wall surface



Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2314	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	42.4	Life Time LED 2:	96,000h - L80 - B10 (Ta 40°C)
Im source:	3560	Voltage [Vin]:	230
W source:	35	Lamp code:	LED
Luminous efficiency (Im/W, real value):	54.6	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	65	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (typical):	82	Control:	DMX-RDM
Colour temperature [K]:	RGBW - 4000K		

Polar

Last information update: October 2024

Product configuration: S577

S577: 47 surface Integral with side box - Tunable white (2700K - 3500K - 5000K) - DALI - L = 1,204mm - Wall Grazing Wide Flood optic

Product code

S577: 47 surface Integral with side box - Tunable white (2700K - 3500K - 5000K) - DALI - L = 1,204mm - Wall Grazing Wide Flood optic

Technical description

Direct light luminaire, designed to use Tunable White LED lamps (White 2700K, 3500K, 5000K), 220÷240Vac DALI dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Tunable White. The product is supplied with a nickel-plated brass PG13.5 single cable gland with H05RN-F 5x1, 5mm² rubber outlet cable with male IP68 connector. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wide Flood lighting. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms (for heights < 3m and heights > 3m) and plates.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.05

Mounting

wall arm|wall surface

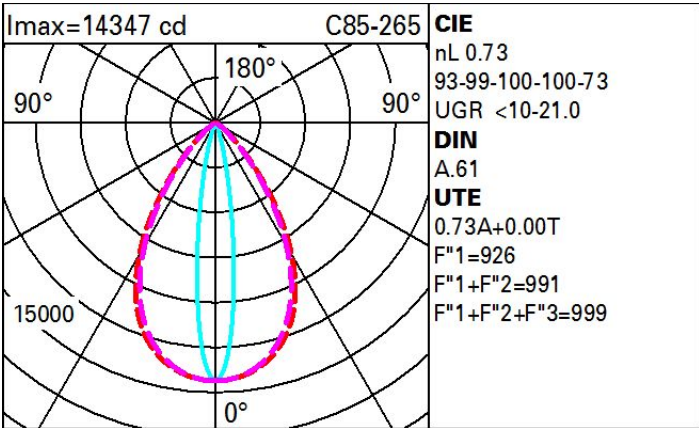
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	5147	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	59.8	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
lm source:	7050	Voltage [Vin]:	230
W source:	51	Lamp code:	LED
Luminous efficiency (lm/W, real value):	86.1	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	73	Intervalllo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	Tunable white 2700 - 5000	Control:	DALI-2

Polar



Last information update: October 2024

Product configuration: BH19

BH19: 37 surface Full Remote - 18 Warm White LEDs - 24V dc - L=1585mm - Wall Grazing Optic

**Product code**

BH19: 37 surface Full Remote - 18 Warm White LEDs - 24V dc - L=1585mm - Wall Grazing Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps. Ceiling- and wall-mounted. Consists of a body and supports for installation (to be ordered separately). Extruded aluminium body, with zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White 3100K with 24V dc electronic circuit (ballast to be ordered separately); 24V smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with a PMMA diffusing filter and optic with plastic (methacrylate) lens for Wall Grazing lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=90mm code BZJ8, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ7).

Colour

Grey (15)

Weight (Kg)

2.22

Mounting

wall surface|ceiling surface

Wiring

The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm² PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP66 junction box with quick-coupling terminals (BZK7). 24V dc electronic ballasts to be ordered separately: 120W (BZK0), 240W (9912) and 480W (BZK1)

Notes

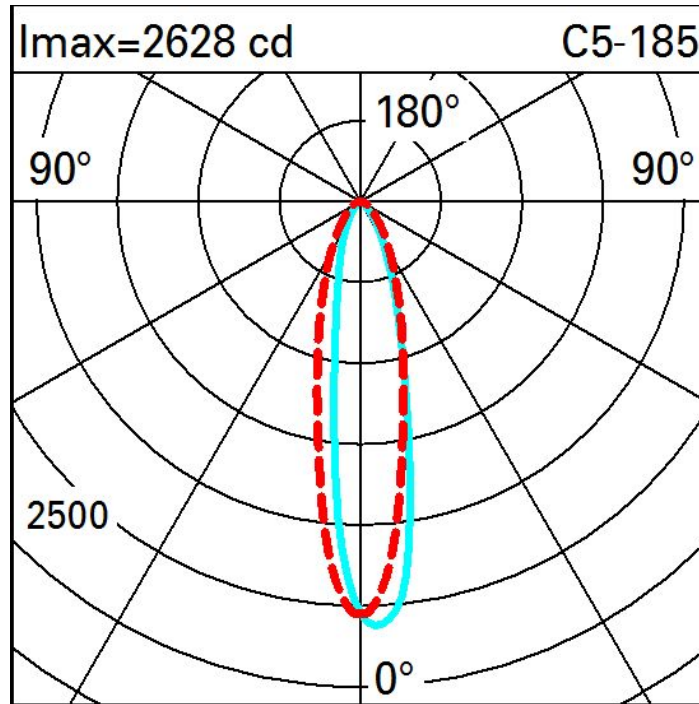
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	864	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	10.3	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	1600	Voltage [Vin]:	24
W source:	9.9	Lamp code:	LED
Luminous efficiency (Im/W, real value):	83.9	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	54	Intervalllo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	200
Colour temperature [K]:	3000	Control:	PWM
MacAdam Step:	3		

Polar



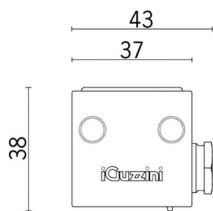
Illuminances

Lux													Wall distance = 1m	
3														
	0.2	0.4	1	3	7	10	7	3	1	0.4	0.2			
2	1.0	2	4	8	15	20	15	8	4	2	1.0			
	1	3	5	12	25	32	25	12	5	3	1			
1	2	3	7	14	25	33	25	14	7	3	2			
	2	4	7	13	22	29	22	13	7	4	2			
0														
	m	-2	-1	0	1	2	3							

Last information update: October 2024

Product configuration: BK85

BK85: 37 surface Full Remote - Warm White LED - 24V dc - L=1056mm - 30° Flood Optic

**Product code**

BK85: 37 surface Full Remote - Warm White LED - 24V dc - L=1056mm - 30° Flood Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps. Ceiling- and wall-mounted. Consists of a body and supports for installation (to be ordered separately). Extruded aluminium body, with zamak die-cast end caps complete with silicone gaskets. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White with 24V dc electronic circuit (ballast to be ordered separately); 24V smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with satin-finish polycarbonate film and optics with plastic (methacrylate) lens for 30° FLOOD lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=85mm code BZJ8, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

1.59

Mounting

wall surface|ceiling surface

Wiring

The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm² PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP67 junction box with quick-coupling terminals (BZK1). 24V dc electronic ballasts to be ordered separately: 10W (9908), 24W (9909), 72W (9910), 96W (9911), 120W (BZK0), 240W (9912) and 480W (BZK1)

Notes

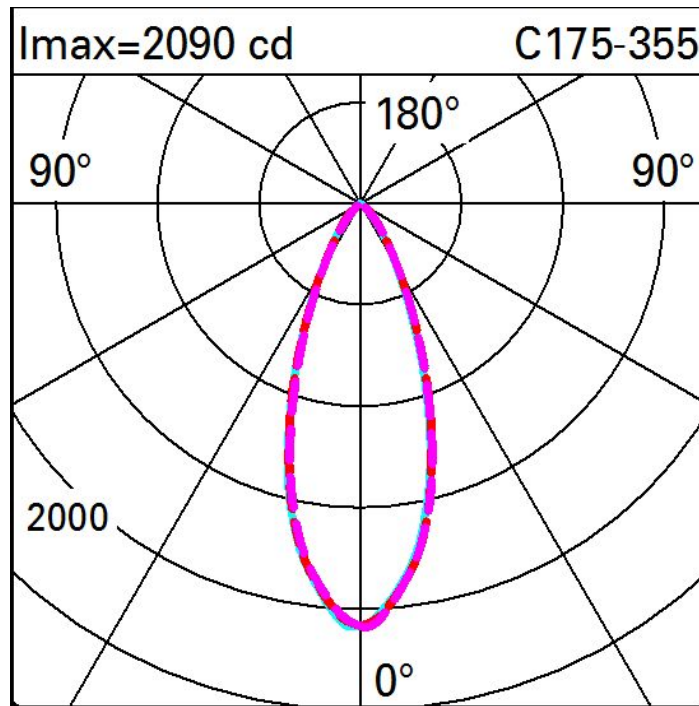
Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1080	MacAdam Step:	3
W system:	12.4	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	12	Voltage [Vin]:	24
Luminous efficiency (Im/W, real value):	87.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	350
Colour temperature [K]:	3000	Control:	PWM

Polar



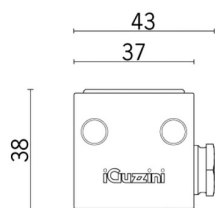
Illuminances

Lux													Wall distance = 1m	
3	0.1	0.2	0.6	2	4	6	4	2	0.6	0.2	0.1			
2	0.4	0.9	2	5	13	22	13	5	2	0.9	0.4			
	0.7	1	4	10	26	43	26	10	4	1	0.7			
1	0.9	2	5	14	34	50	34	14	5	2	0.9			
	1	3	7	17	33	45	33	17	7	3	1			
0														
	m	-2	-1	0	1	2	3							

Last information update: October 2024

Product configuration: BK37

BK37: 37 surface Full Remote - Warm White LED - 24V dc - L=528mm - 10° Spot Optic

**Product code**

BK37: 37 surface Full Remote - Warm White LED - 24V dc - L=528mm - 10° Spot Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps. Ceiling- and wall-mounted. Consists of a body and supports for installation (to be ordered separately). Extruded aluminium body, with zamak die-cast end caps complete with silicone gaskets. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White with 24V dc electronic circuit (ballast to be ordered separately); 24V smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with satin-finish polycarbonate film and optics with plastic (methacrylate) lens for 10° SPOT lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=85mm code BZJ8, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

0.89

Mounting

wall surface|ceiling surface

Wiring

The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm² PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP67 junction box with quick-coupling terminals (BZK1). 24V dc electronic ballasts to be ordered separately: 10W (9908), 24W (9909), 72W (9910), 96W (9911), 120W (BZK0), 240W (9912) and 480W (BZK1)

Notes

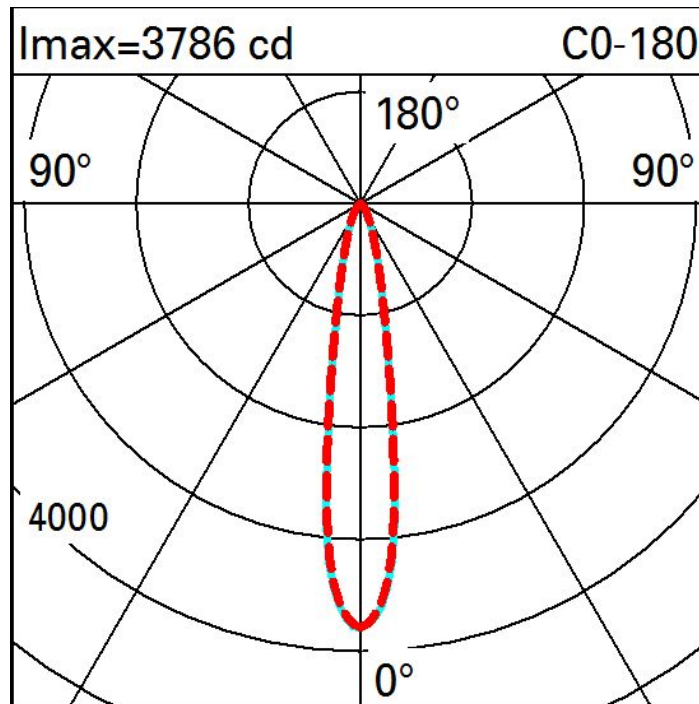
Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

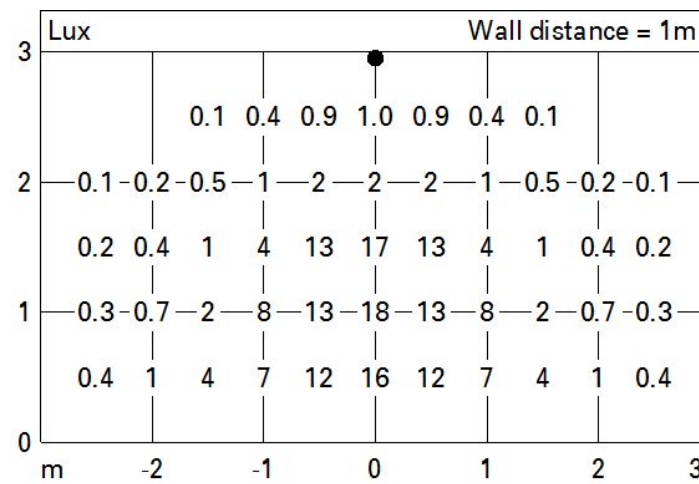
**Technical data**

Im system:	639	MacAdam Step:	3
W system:	7.1	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	900	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	5.9	Voltage [Vin]:	24
Luminous efficiency (Im/W, real value):	90	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	71	Number of optical assemblies:	1
Beam angle [°]:	17° / 18°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	350
Colour temperature [K]:	3000	Control:	PWM

Polar



Illuminances



Last information update: December 2024

Product configuration: BM80

BM80: 37 surface Remote - Warm White LED - 48V dc DALI - L=1040mm - 30° Flood Optic

**Product code**

BM80: 37 surface Remote - Warm White LED - 48V dc DALI - L=1040mm - 30° Flood Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, 48V dc Dali dimmable. Ceiling- and wall-mounted. Consists of a body, a box for Dali driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, with zamak die-cast end caps complete with silicone gaskets. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White, side box with 48V dc Dali electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with satin-finish polycarbonate film and optics with plastic (methacrylate) lens for 30° FLOOD lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-2-18 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

2.22

Mounting

wall surface|ceiling surface

Wiring

The product is equipped with a nickel-plated brass PG13.5 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring: each cable is set up both for the Dali signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors (BZQ7), IP68 Y-connector (BZN7) for signal cable and power cable connection and 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16).

Notes

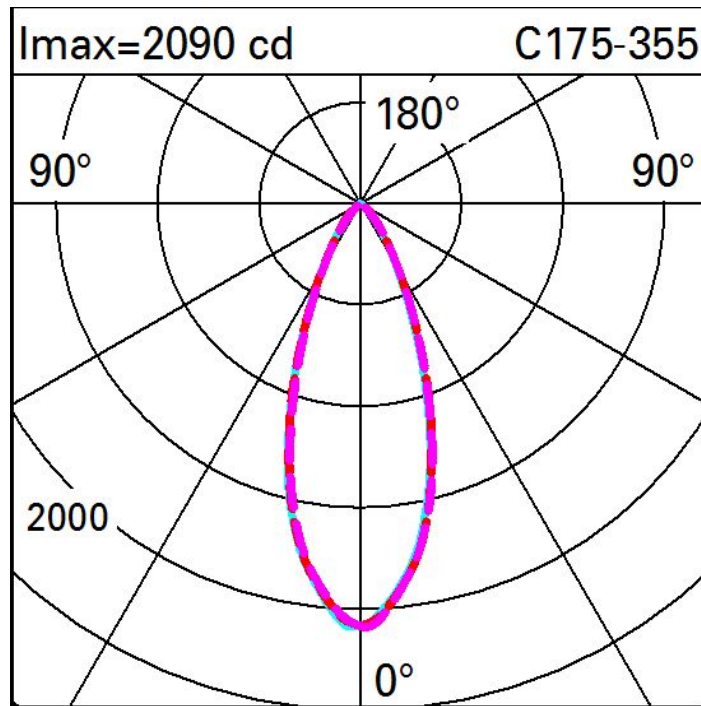
Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1080	MacAdam Step:	3
W system:	13	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	12	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	83.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	3000	Control:	DALI

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.2	0.6	2	4	6	4	2	0.6	0.2	0.1			
2	0.4	0.9	2	5	13	22	13	5	2	0.9	0.4			
	0.7	1	4	10	26	43	26	10	4	1	0.7			
1	0.9	2	5	14	34	50	34	14	5	2	0.9			
	1	3	7	17	33	45	33	17	7	3	1			
0														
	m	-2	-1	0	1	2	3							

Last information update: December 2024

Product configuration: BM70

BM70: 37 surface Remote - Warm White LED - 48V dc DALI - L=512mm - 10° Spot Optic

**Product code**

BM70: 37 surface Remote - Warm White LED - 48V dc DALI - L=512mm - 10° Spot Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, 48V dc Dali dimmable. Ceiling- and wall-mounted. Consists of a body, a box for Dali driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, with zamak die-cast end caps complete with silicone gaskets. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White, side box with 48V dc Dali electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with satin-finish polycarbonate film and optics with plastic (methacrylate) lens for 10° SPOT lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-2-18 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, L=200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

1.47

Mounting

wall surface|ceiling surface

Wiring

The product is equipped with a nickel-plated brass PG13.5 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring: each cable is set up both for the Dali signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors (BZQ7), IP68 Y-connector (BZN7) for signal cable and power cable connection and 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16).

Notes

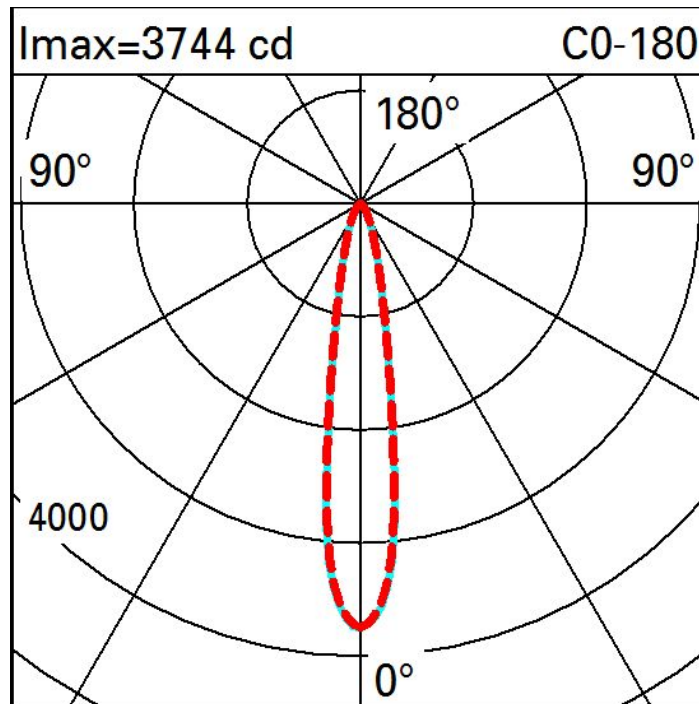
Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

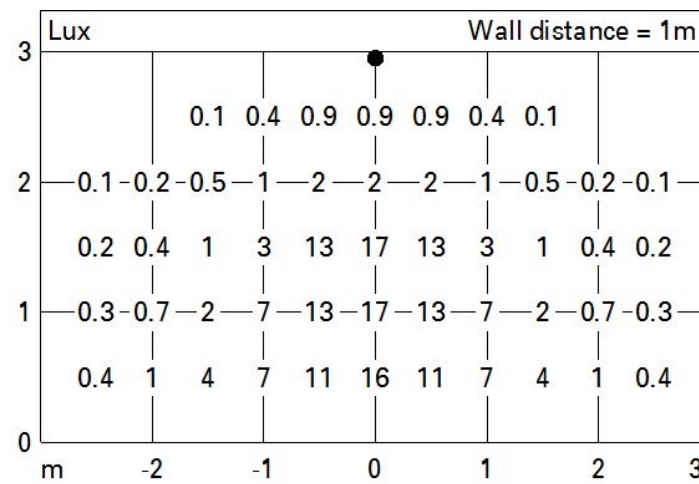
**Technical data**

Im system:	632	MacAdam Step:	3
W system:	7.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	890	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	5.9	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	84.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	71	Number of optical assemblies:	1
Beam angle [°]:	17° / 18°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	3000	Control:	DALI

Polar

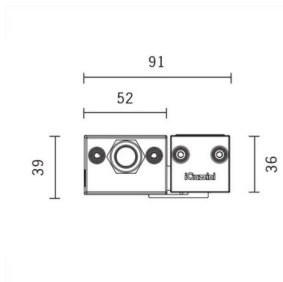


Illuminances



Product configuration: BL32

BL32: 37 surface Remote - Neutral White LED - 48V dc DALI - L=1056mm - Wall Grazing Optic



BL32: 37 surface Remote - Neutral White LED - 48V dc DALI - L=1056mm - Wall Grazing Optic

Direct light luminaire, designed to use monochrome LED lamps, 48V dc Dali dimmable. Ceiling- and wall-mounted. Consists of a body, a box for Dali driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, with zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White, side box with 48V dc Dali electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wall Grazing lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour	Weight (Kg)
Grey (15)	2.22

wall surface|ceiling surface

The product is equipped with a nickel-plated brass PG13.5 double cable gland with O5RN-F 2x1,5mm²+3x0,35mm² for pass-through wiring: each cable is set up both for the Dali signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors (BZQ7), 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16).

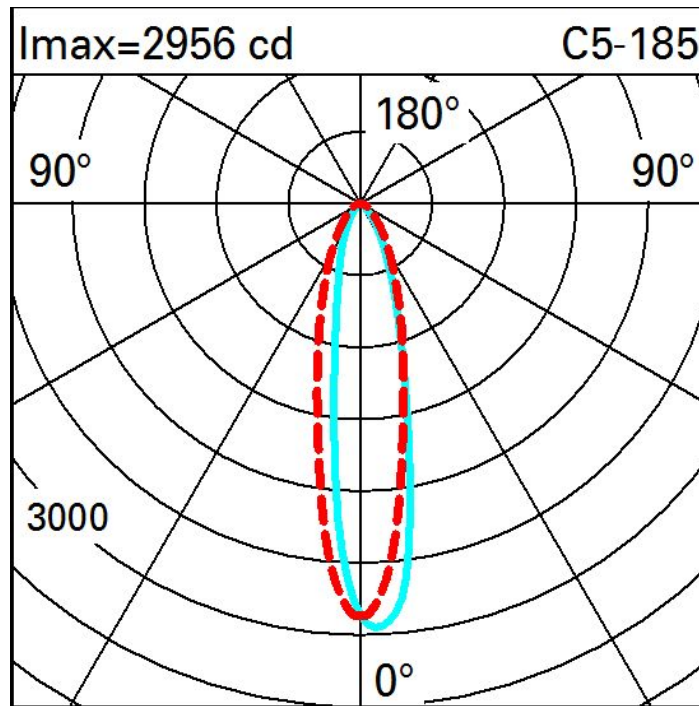
Product complete with LED lamp. The electronic board takes one Dali address, absorbs one Dali load.

Complies with EN60598-1 and pertinent regulations



Im system:	972	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	13	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	1800	Voltage [Vin]:	48
W source:	12	Lamp code:	LED
Luminous efficiency (lm/W, real value):	74.8	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	54	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	4000	Control:	DALI
MacAdam Step:	3		

Polar



Illuminances

Lux												Wall distance = 1m	
3													
	0.2	0.5	1	4	8	11	8	4	1	0.5	0.2		
2	1	2	5	9	17	22	17	9	5	2	1		
	2	3	6	13	28	36	28	13	6	3	2		
1	2	4	7	16	28	37	28	16	7	4	2		
	2	4	8	15	25	33	25	15	8	4	2		
0													
	m	-2	-1	0	1	2	3						

Last information update: December 2024

Product configuration: BL40

BL40: 37 surface Remote - Neutral White LED - 48V dc DMX512-RDM dimmable - L=1585mm - Wall Grazing Optic

**Product code**

BL40: 37 surface Remote - Neutral White LED - 48V dc DMX512-RDM dimmable - L=1585mm - Wall Grazing Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, 48V dc DMX512-RDM dimmable. Ceiling- and wall-mounted. Consists of a body, a box for DMX driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, with zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White, side box with 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wall Grazing lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ7).

Colour

Grey (15)

Weight (Kg)

2.97

Mounting

wall surface|ceiling surface

Wiring

The product is equipped with a nickel-plated brass PG13.5 double cable gland with H07RN-F rubber outlet cables 5x1.5mm² for pass-through wiring: each cable is set up both for the DMX-RDM signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors + 120 Ohm terminating resistor (BZQ7), 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16). DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Complies with EN60598-1 and pertinent regulations



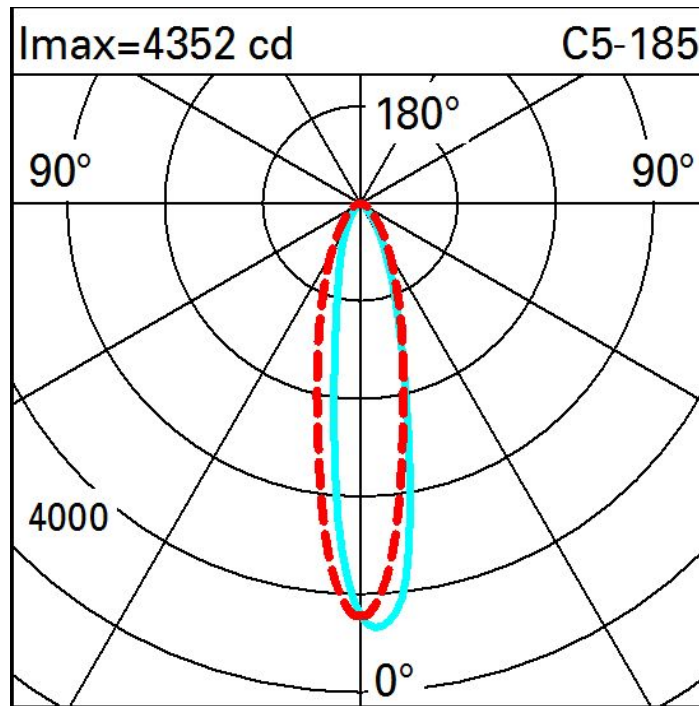
IK05

IP66

**Technical data**

Im system:	1431	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	19.7	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	2650	Voltage [Vin]:	48
W source:	18	Lamp code:	LED
Luminous efficiency (Im/W, real value):	72.6	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	54	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	350
Colour temperature [K]:	4000	Power factor:	See installation instructions
MacAdam Step:	3	Control:	DMX-RDM

Polar



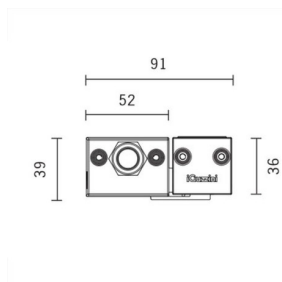
Illuminances

Lux												Wall distance = 1m	
3													
	0.3	0.7	2	5	12	16	12	5	2	0.7	0.3		
2	2	3	7	14	25	33	25	14	7	3	2		
	2	5	9	20	41	53	41	20	9	5	2		
1	3	5	11	23	42	54	42	23	11	5	3		
	3	6	12	22	36	48	36	22	12	6	3		
0													
	m	-2	-1	0	1	2	3						

Last information update: December 2024

Product configuration: BJ20

BJ20: 37 surface Remote - 48V dc with DMX512-RDM control - L=511mm - Wall Grazing Optic

**Product code**

BJ20: 37 surface Remote - 48V dc with DMX512-RDM control - L=511mm - Wall Grazing Optic

Technical description

Direct light luminaire, designed to use RGB LED lamps (Red, Green, Blue), 48V dc with DMX512-RDM control. Ceiling- and wall-mounted. Consists of a body, a box for DMX driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, with zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White, side box with 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wall Grazing lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

1.47

Mounting

wall arm|wall surface|ceiling surface

Wiring

The product is equipped with a nickel-plated brass PG13.5 double cable gland with H07RN-F rubber outlet cables 5x1.5mm² for pass-through wiring: each cable is set up both for the DMX-RDM signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors + 120 Ohm terminating resistor (BZQ7), 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16). DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Complies with EN60598-1 and pertinent regulations



IK05

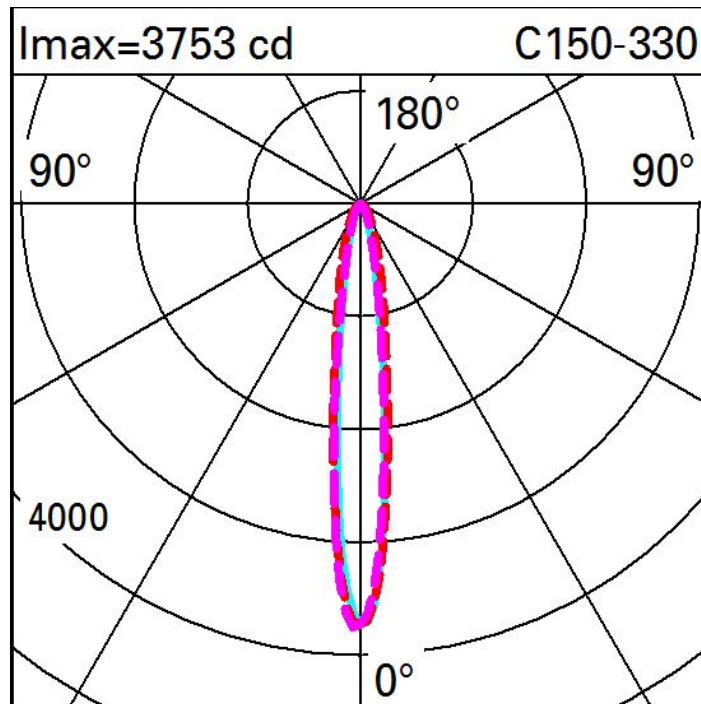
IP66

**Technical data**

Im system:	525
W system:	12.9
Im source:	890
W source:	10
Luminous efficiency (Im/W, real value):	40.7
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	59
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)

Voltage [Vin]:	48
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -30°C to 50°C.
LED current [mA]:	300
Power factor:	See installation instructions
Control:	DMX-RDM

Polar



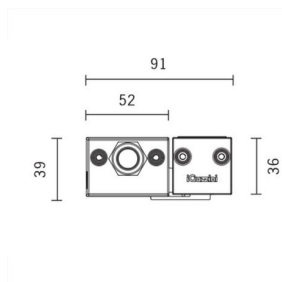
Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.1	0.4	1	2	3	2	1	0.4	0.2	0.1			
2	0.4	0.7	1	3	6	8	6	3	2	0.8	0.4			
	0.6	1.0	2	4	8	11	8	4	2	1	0.6			
1	0.6	1	2	4	8	10	8	5	2	1	0.7			
	0.7	1	2	4	7	9	7	4	2	1	0.7			
0														
	m	-2	-1	0	1	2	3							

Last information update: December 2024

Product configuration: BJ22

BJ22: 37 surface Remote - 48V dc with DMX512-RDM control - L=1495mm - Wall Grazing Optic

**Product code**

BJ22: 37 surface Remote - 48V dc with DMX512-RDM control - L=1495mm - Wall Grazing Optic

Technical description

Direct light luminaire, designed to use RGB LED lamps (Red, Green, Blue), 48V dc with DMX512-RDM control. Ceiling- and wall-mounted. Consists of a body, a box for DMX driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, with zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White, side box with 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wall Grazing lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

2.87

Mounting

wall surface|ceiling surface

Wiring

The product is equipped with a nickel-plated brass PG13.5 double cable gland with H07RN-F rubber outlet cables 5x1.5mm² for pass-through wiring: each cable is set up both for the DMX-RDM signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors + 120 Ohm terminating resistor (BZQ7), 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16). DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Complies with EN60598-1 and pertinent regulations



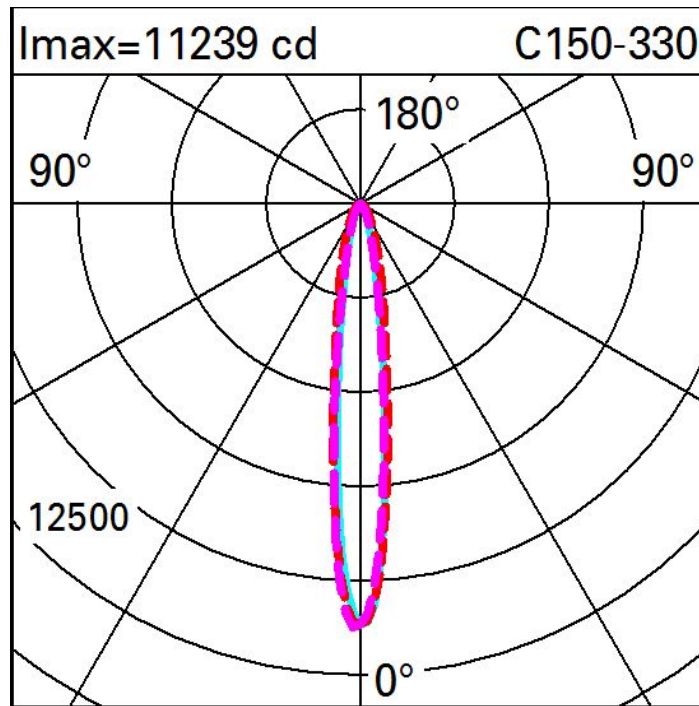
IK05

IP66

**Technical data**

Im system:	1572	Voltage [Vin]:	48
W system:	38.6	Lamp code:	LED
Im source:	2665	Number of lamps for optical assembly:	1
W source:	31	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	40.7	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	LED current [mA]:	300
Light Output Ratio (L.O.R.) [%]:	59	Power factor:	See installation instructions
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)	Control:	DMX-RDM
Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)		

Polar



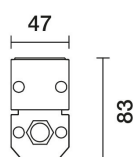
Illuminances

Lux													Wall distance = 1m	
3														
	0.2	0.4	1	3	7	10	7	3	1	0.6	0.3			
2	1	2	4	9	17	23	18	10	5	2	1			
	2	3	5	12	24	33	24	12	6	3	2			
1	2	3	6	13	23	31	24	14	6	3	2			
	2	4	7	13	20	28	21	13	7	4	2			
0														
	m	-2	-1	0	1	2	3							

Last information update: March 2025

Product configuration: SR51.15

SR51.15: 47 surface Remote – Warm White – 48 Vdc DALI – L=340mm – Spot optic - 13.5W 1027lm - 2700K - Grey

**Product code**

SR51.15: 47 surface Remote – Warm White – 48 Vdc DALI – L=340mm – Spot optic - 13.5W 1027lm - 2700K - Grey

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DALI electronic driver (power supply to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

Grey (15)

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DALI 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland and 05RN-F 2x1.5mm²+3x0.35mm² rubber outlet cables for pass-through wiring with connectors. Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap, and IP68 4-pin male + female connectors.

Notes

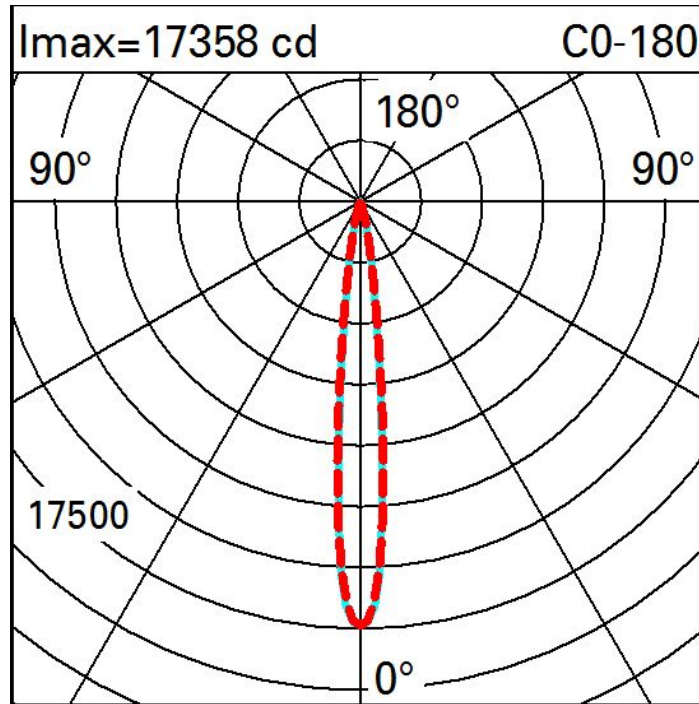
Complete with electronic control card. power supply to be ordered separately. Insulation class II.

Complies with EN60598-1 and pertinent regulations

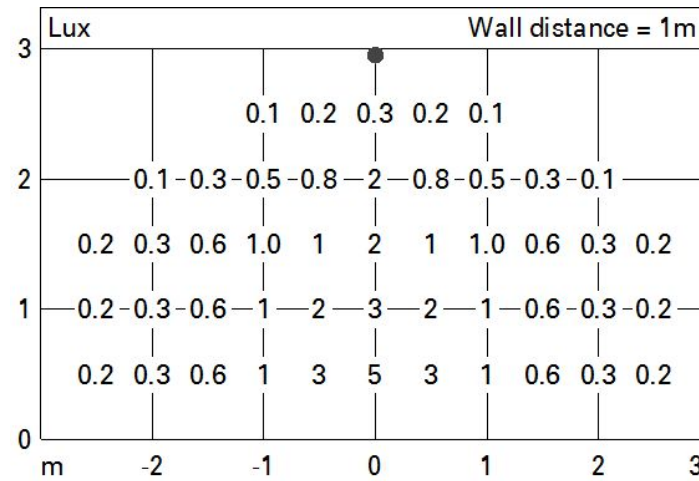
**Technical data**

Im system:	1027	MacAdam Step:	3
W system:	13.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1300	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	10	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	76.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Intervalllo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	2700		

Polar



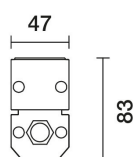
Illuminances



Last information update: October 2024

Product configuration: EL41

EL41: 47 surface Remote – Warm White – 48 Vdc DALI – L=1502mm – Spot optic

**Product code**

EL41: 47 surface Remote – Warm White – 48 Vdc DALI – L=1502mm – Spot optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DALI electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.1

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DALI 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap (BZ16), and IP68 4-pin male + female connectors.

Notes

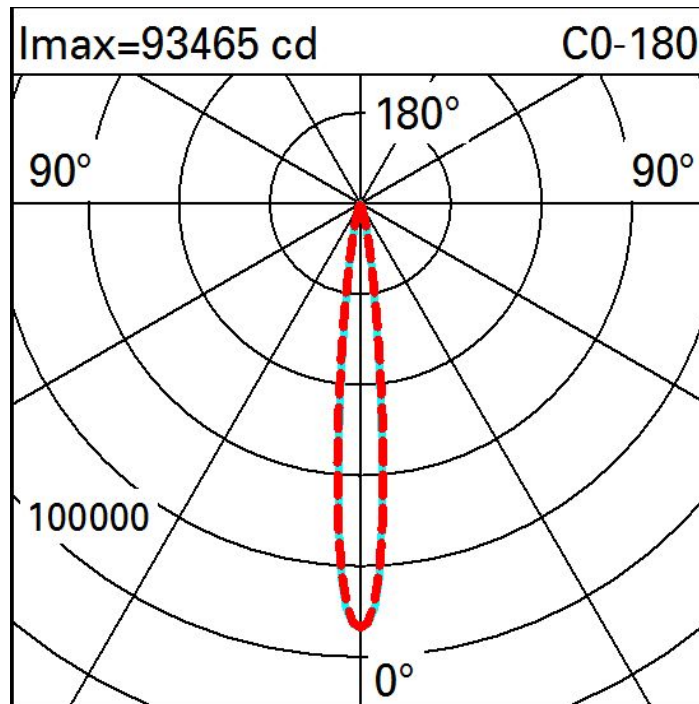
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

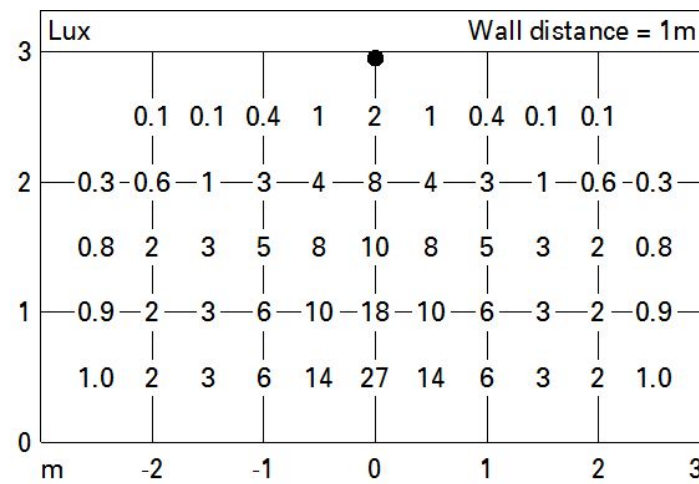
**Technical data**

Im system:	5530	MacAdam Step:	3
W system:	57.3	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	7000	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	52	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	96.5	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	3000		

Polar



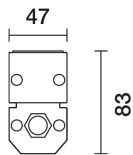
Illuminances



Last information update: October 2024

Product configuration: EG52

EG52: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=908mm – Spot optic

**Product code**

EG52: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=908mm – Spot optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

2.6

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations



IK06

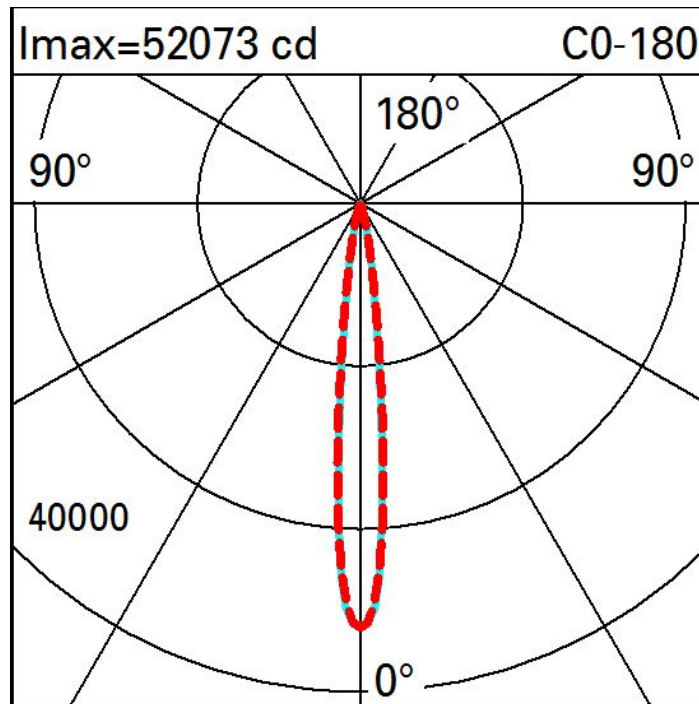


IP66

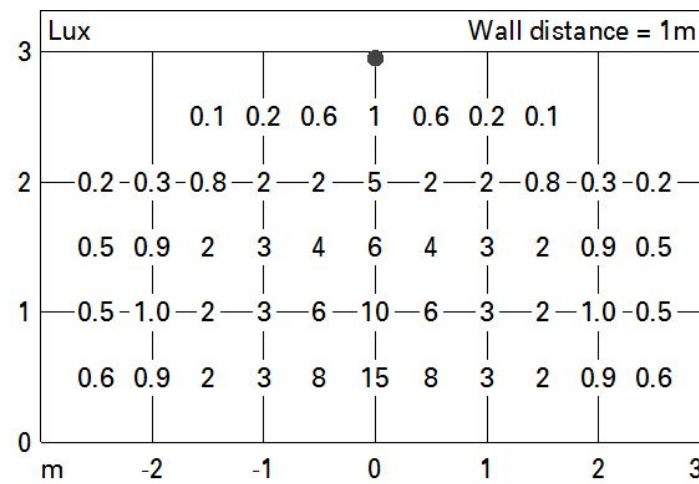
**Technical data**

Im system:	3081	MacAdam Step:	3
W system:	35.6	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	3900	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	31	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	86.5	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	600
Colour temperature [K]:	2700	Control:	DMX-RDM

Polar



Illuminances



Product configuration: EL54

EL54: 47 surface Remote – Warm White – 48 Vdc DALI – L=611mm – Flood optic



EL54: 47 surface Remote – Warm White – 48 Vdc DALI – L=611mm – Flood optic

Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DALI electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and all special requirements.

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

1.8

wall arm|wall surface|ceiling surface

Complete with DALI 44+52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²×3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap (BZI6), and IP68 4-pin male + female connectors.

Product complete with LED lamp.

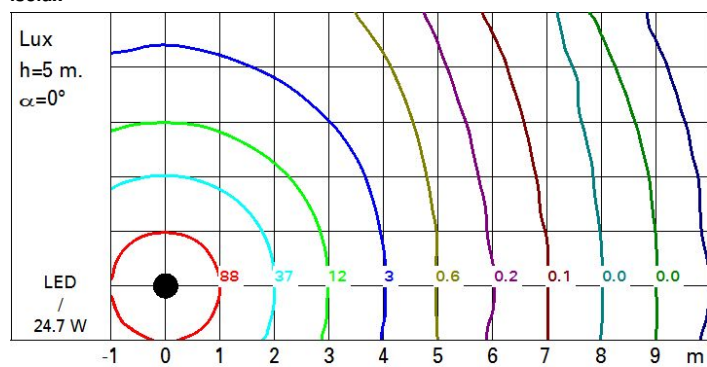
Complies with EN60598-1 and pertinent regulations



Im system:	1508	MacAdam Step:	3
W system:	24.7	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	2600	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	21	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	61.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	58	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	2700		

h	d1	d2	Em	Emax
4	2.8	2.8	142	187
8	5.5	5.5	36	47
12	8.3	8.3	16	21
16	11	11	9	12

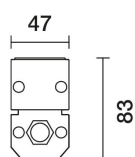
Isolux



Last information update: October 2024

Product configuration: EG57

EG57: 47 surface Remote – Neutral White – 48 Vdc DMX512-RDM – L=1205mm – Flood optic

**Product code**

EG57: 47 surface Remote – Neutral White – 48 Vdc DMX512-RDM – L=1205mm – Flood optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.3

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Notes

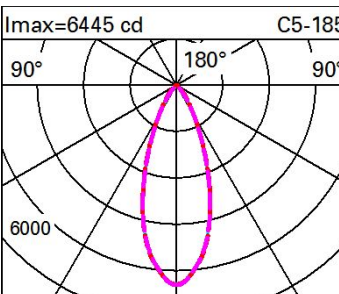
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

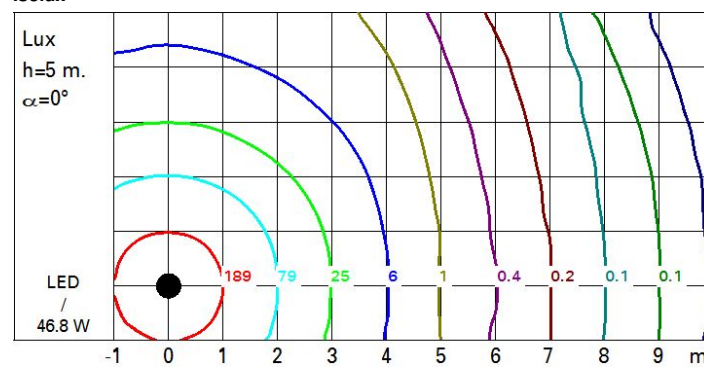
**Technical data**

Im system:	3248	MacAdam Step:	3
W system:	46.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	5600	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	42	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	69.4	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	58	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	600
Colour temperature [K]:	4000	Control:	DMX-RDM

Polar

Imax=6445 cd		C5-185		Lux				
90°	180°	90°	h	d1	d2	Em	Emax	
			8	5.5	5.5	77	101	
			16	11	11	19	25	
			24	16.5	16.5	9	11	
			32	22	22	5	6	
α=38°								

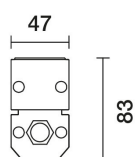
Isolux



Last information update: October 2024

Product configuration: EG85

EG85: 47 surface Remote – 48 Vdc DMX512-RDM – L=1502mm – Flood optic

**Product code**

EG85: 47 surface Remote – 48 Vdc DMX512-RDM – L=1502mm – Flood optic

Technical description

Direct light luminaire, designed to use RGBW LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in RGBW colour and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.1

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

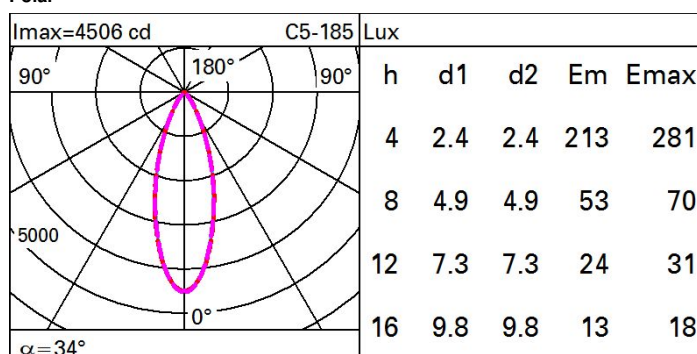
Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

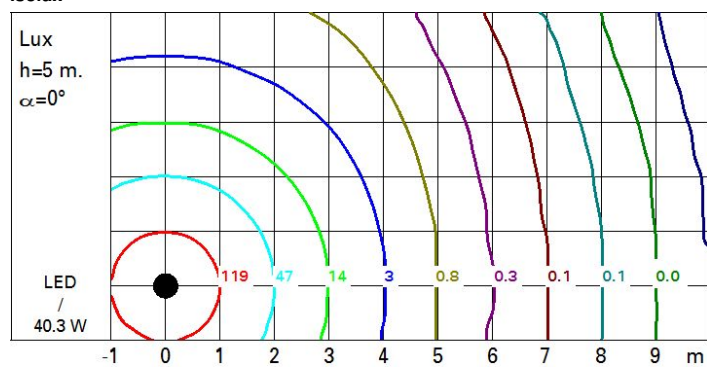
Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1922	Life Time LED 1:	100.000h - L80 - B10 (Ta 25°C)
W system:	40.3	Life Time LED 2:	97.000h - L80 - B10 (Ta 40°C)
Im source:	3560	Voltage [Vin]:	48
W source:	35	Lamp code:	LED
Luminous efficiency (Im/W, real value):	47.7	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	54	Intervalllo temperatura ambiente:	from -30°C to 50°C.
Beam angle [°]:	34°	LED current [mA]:	300
CRI (typical):	82	Control:	DMX-RDM
Colour temperature [K]:	RGBW - 4000K		

Polar

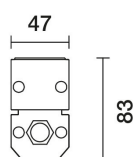
Isolux



Last information update: October 2024

Product configuration: EL60

EL60: 47 surface Remote – Neutral White – 48 Vdc DALI – L=1205mm – Wide Flood optic



Product code

EL60: 47 surface Remote – Neutral White – 48 Vdc DALI – L=1205mm – Wide Flood optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White and a 48V dc DALI electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wide Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.3

Mounting

mounting
wall arm|wall surface|ceiling surface

Wiring

Complete with DALI 44+52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²×3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap (BZI6), and IP68 4-pin male + female connectors.

Notes

Product complete with LED lamp.

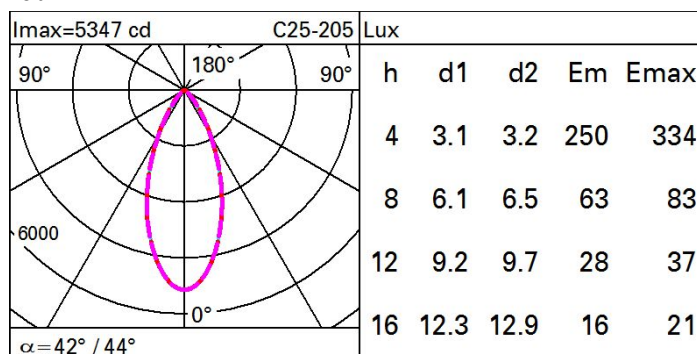
Complies with EN60598-1 and pertinent regulations



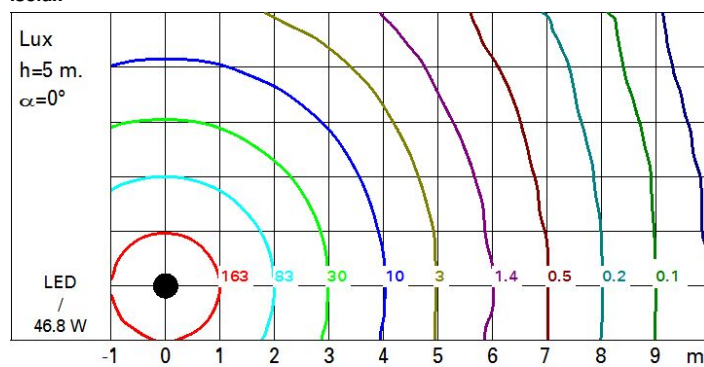
Technical data

Im system:	3360	MacAdam Step:	3
W system:	46.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	5600	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	42	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	71.8	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	42° / 44°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	4000		

Polar



Isolux



Last information update: March 2025

Product configuration: SR66.15

SR66.15: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=340mm – Wide Flood optic - 13.8W 780lm - 2700K - Grey

**Product code**

SR66.15: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=340mm – Wide Flood optic - 13.8W 780lm - 2700K - Grey

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DMX512-RDM electronic driver (power supply to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Wide Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Colour

Grey (15)

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland and 05RN-F 2x1.5mm²+3x0.35mm² rubber outlet cables for pass-through wiring with connectors (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complete with electronic control card. power supply to be ordered separately. Insulation class II.

Complies with EN60598-1 and pertinent regulations

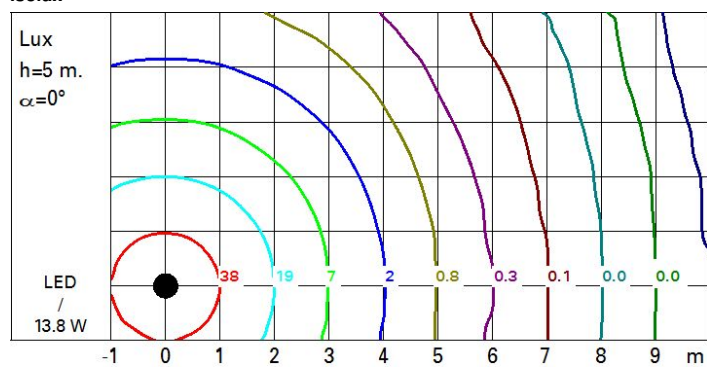
**Technical data**

Im system:	780	MacAdam Step:	3
W system:	13.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1300	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	10	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	56.5	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	42° / 44°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DMX-RDM
Colour temperature [K]:	2700		

Polar

Imax=1241 cd C25-205 Lux						
90°	180°	90°	h	d1	d2	Em Emax
			2	1.6	1.6	232 310
			4	3.1	3.2	58 77
			6	4.7	4.8	26 34
			8	6.3	6.5	15 19
$\alpha = 43^\circ / 44^\circ$						

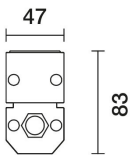
Isolux



Last information update: October 2024

Product configuration: EI93

EI93: 47 surface Remote – Warm White – 48 Vdc DALI – L=908mm – Wall Grazing Spot optic



Product code

EI93: 47 surface Remote – Warm White – 48 Vdc DALI – L=908mm – Wall Grazing Spot optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DALI electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

2.6

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DALI 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap (BZ16), and IP68 4-pin male + female connectors.

Notes

Product complete with LED lamp.

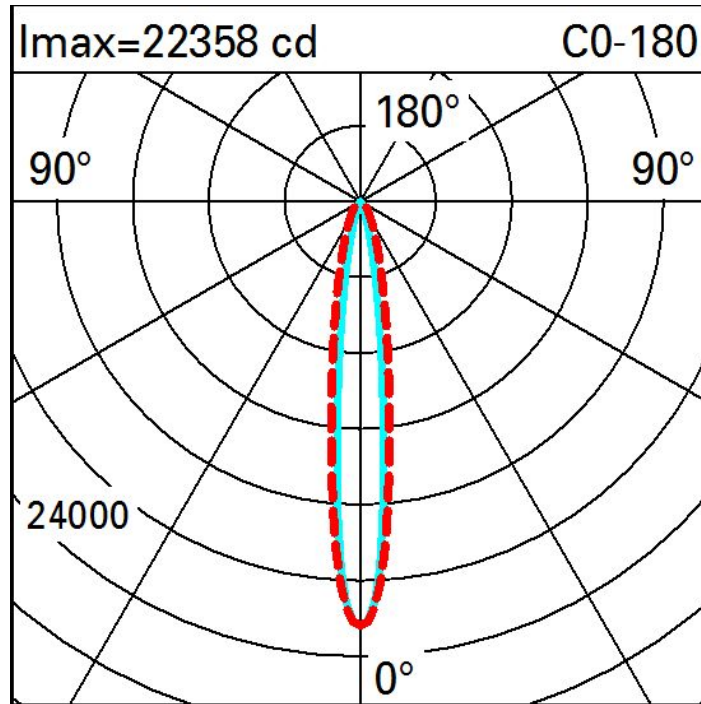
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	2772	MacAdam Step:	3
W system:	35.6	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	4200	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	31	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	77.9	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	3000	Control:	DALI-2

Polar



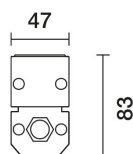
Illuminances

Lux												Wall distance = 1m	
3													
	0.3	0.7	2	5	11	15	11	5	2	0.7	0.3		
2	2	3	6	12	20	26	20	12	6	3	2		
	3	5	8	13	20	26	20	13	8	5	3		
1	3	5	7	12	21	29	21	12	7	5	3		
	3	5	8	12	20	29	20	12	8	5	3		
0													
	m	-2	-1		0		1		2	3			

Last information update: October 2024

Product configuration: EG00

EG00: 47 surface Remote – Neutral White – 48 Vdc DMX512-RDM – L=1502mm – Wall Grazing Spot optic

**Product code**

EG00: 47 surface Remote – Neutral White – 48 Vdc DMX512-RDM – L=1502mm – Wall Grazing Spot optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Spot lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.1

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations



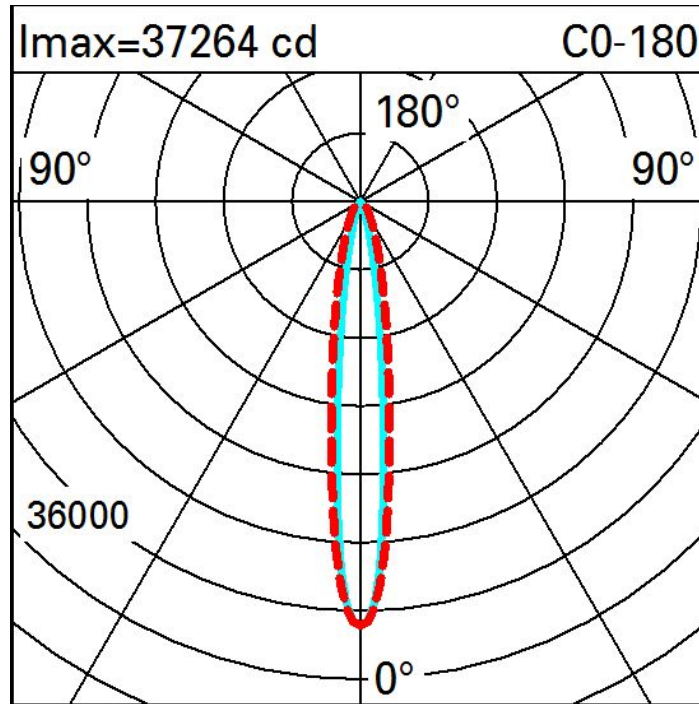
IK06

IP66

**Technical data**

Im system:	4620	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	57.3	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	7000	Voltage [Vin]:	48
W source:	52	Lamp code:	LED
Luminous efficiency (Im/W, real value):	80.6	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	66	Intervalllo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	600
Colour temperature [K]:	4000	Control:	DMX-RDM
MacAdam Step:	3		

Polar



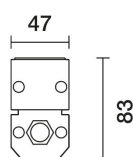
Illuminances

Lux											Wall distance = 1m	
3												
	0.6	1	3	8	18	25	18	8	3	1	0.6	
2	3	6	11	20	33	43	33	20	11	6	3	
	5	8	13	21	34	43	34	21	13	8	5	
1	5	8	12	21	35	48	35	21	12	8	5	
	5	8	13	21	34	49	34	21	13	8	5	
0												
	m	-2	-1		0		1	2	3			

Last information update: October 2024

Product configuration: EL10

EL10: 47 surface Remote – Warm White – 48 Vdc DALI – L=1205mm – Wall Grazing Medium optic

**Product code**

EL10: 47 surface Remote – Warm White – 48 Vdc DALI – L=1205mm – Wall Grazing Medium optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DALI electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Medium lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.3

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DALI 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap (BZ16), and IP68 4-pin male + female connectors.

Notes

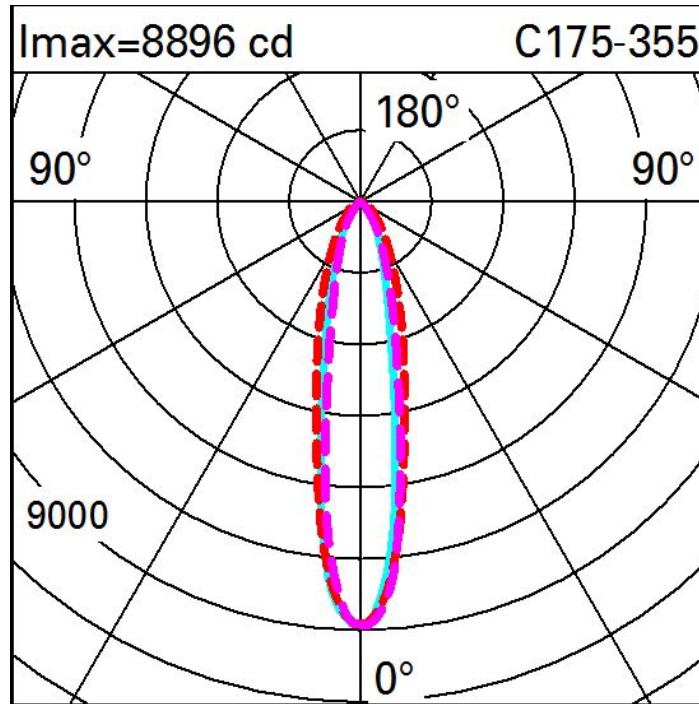
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2808	MacAdam Step:	3
W system:	46.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	5200	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	42	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	60	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	54	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	2700	Control:	DALI-2

Polar



Illuminances

Lux												Wall distance = 1m	
3													
	0.5	0.9	2	6	13	18	13	6	2	0.9	0.5		
2	3	6	11	19	32	40	32	19	11	6	3		
	5	8	15	32	62	79	62	32	15	8	5		
1	5	9	18	40	68	88	68	40	18	9	5		
	6	11	21	37	58	77	58	37	21	11	6		
0													
	m	-2	-1		0		1	2	3				

Last information update: October 2024

Product configuration: EG19

EG19: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing Medium optic

**Product code**

EG19: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing Medium optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Medium lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.3

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Notes

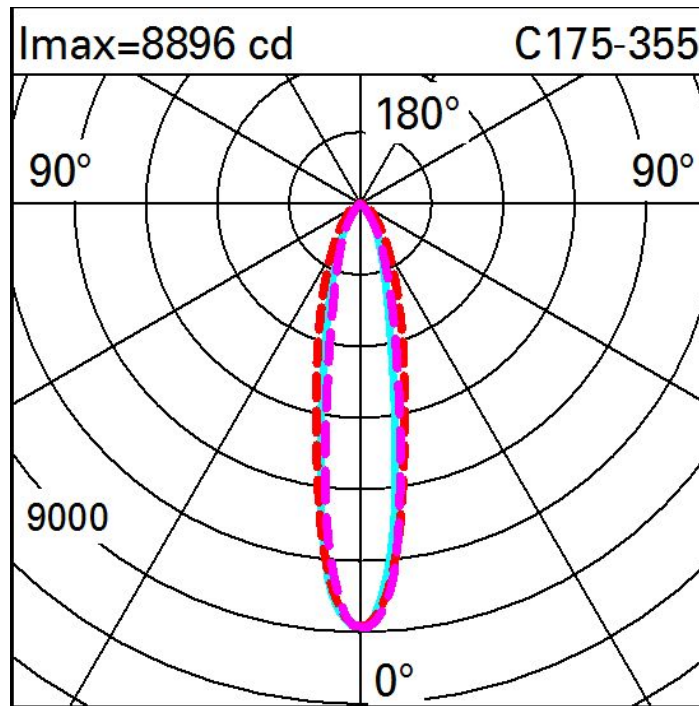
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2808	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	46.8	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	5200	Voltage [Vin]:	48
W source:	42	Lamp code:	LED
Luminous efficiency (Im/W, real value):	60	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	54	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	600
Colour temperature [K]:	2700	Control:	DMX-RDM
MacAdam Step:	3		

Polar



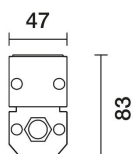
Illuminances

Lux												Wall distance = 1m	
3													
	0.5	0.9	2	6	13	18	13	6	2	0.9	0.5		
2	3	6	11	19	32	40	32	19	11	6	3		
	5	8	15	32	62	79	62	32	15	8	5		
1	5	9	18	40	68	88	68	40	18	9	5		
	6	11	21	37	58	77	58	37	21	11	6		
0													
	m	-2	-1		0		1	2	3				

Last information update: October 2024

Product configuration: EL17

EL17: 47 surface Remote – Warm White – 48 Vdc DALI – L=908mm – Wall Grazing WideFlood optic

**Product code**

EL17: 47 surface Remote – Warm White – 48 Vdc DALI – L=908mm – Wall Grazing WideFlood optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DALI electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing WideFlood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

2.6

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DALI 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap (BZ16), and IP68 4-pin male + female connectors.

Notes

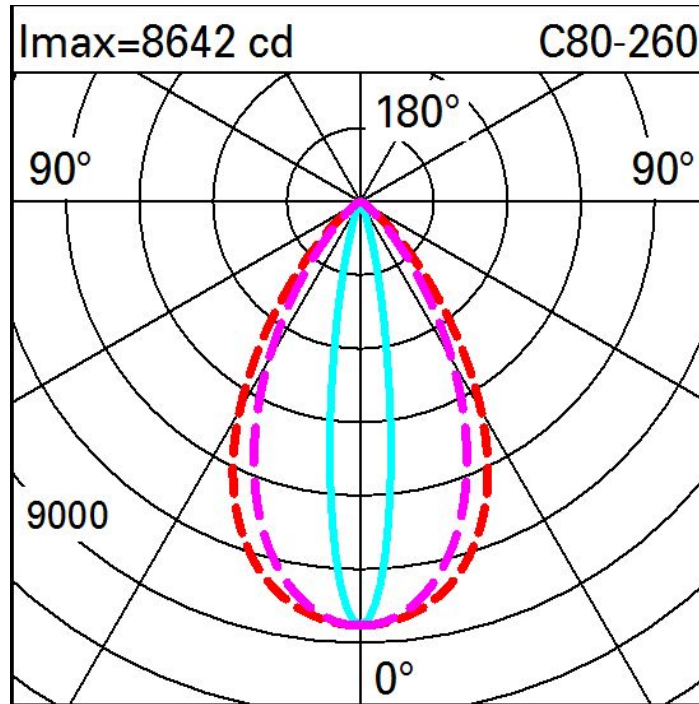
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

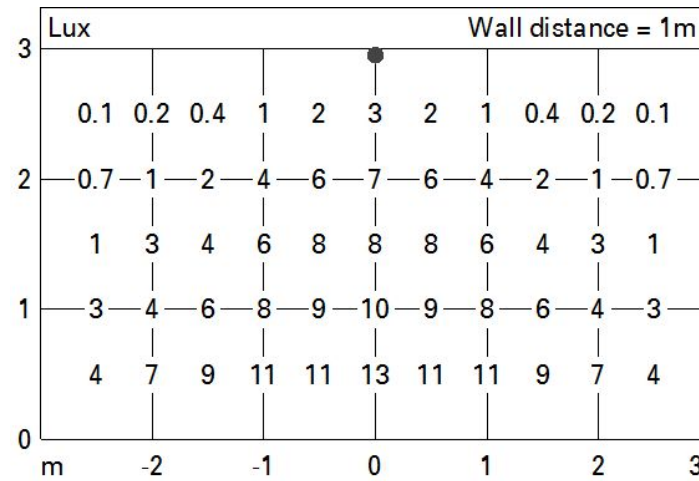
**Technical data**

Im system:	3066	MacAdam Step:	3
W system:	35.6	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	4200	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	31	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	86.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	73	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	3000	Control:	DALI-2

Polar



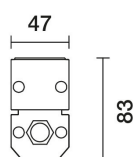
Illuminances



Last information update: October 2024

Product configuration: EG27

EG27: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing WideFlood optic

**Product code**

EG27: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing WideFlood optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Warm White and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing WideFlood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.3

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Notes

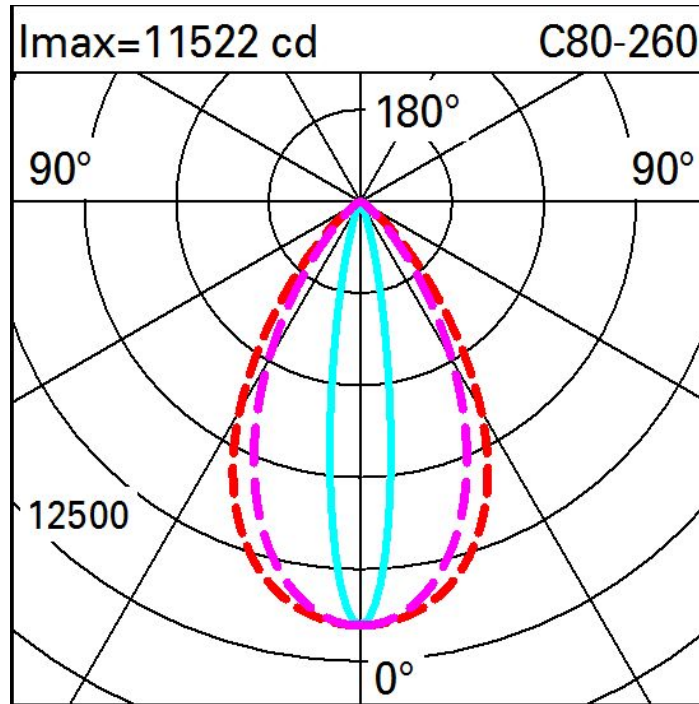
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	4088	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	46.8	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	5600	Voltage [Vin]:	48
W source:	42	Lamp code:	LED
Luminous efficiency (Im/W, real value):	87.4	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	73	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	600
Colour temperature [K]:	3000	Control:	DMX-RDM
MacAdam Step:	3		

Polar



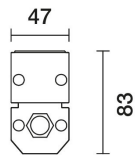
Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.2	0.6	1	3	4	3	1	0.6	0.2	0.1			
2	0.9	2	3	5	7	9	7	5	3	2	0.9			
	2	3	6	8	10	11	10	8	6	3	2			
1	3	5	8	11	12	14	12	11	8	5	3			
	5	9	12	15	15	18	15	15	12	9	5			
0														
	m	-2	-1	0	1	2	3							

Last information update: October 2024

Product configuration: EG35

EG35: 47 surface Remote – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing WideFlood optic

**Product code**

EG35: 47 surface Remote – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing WideFlood optic

Technical description

Direct light luminaire, designed to use RGB LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in RGB colour and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing WideFlood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.3

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 48÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations



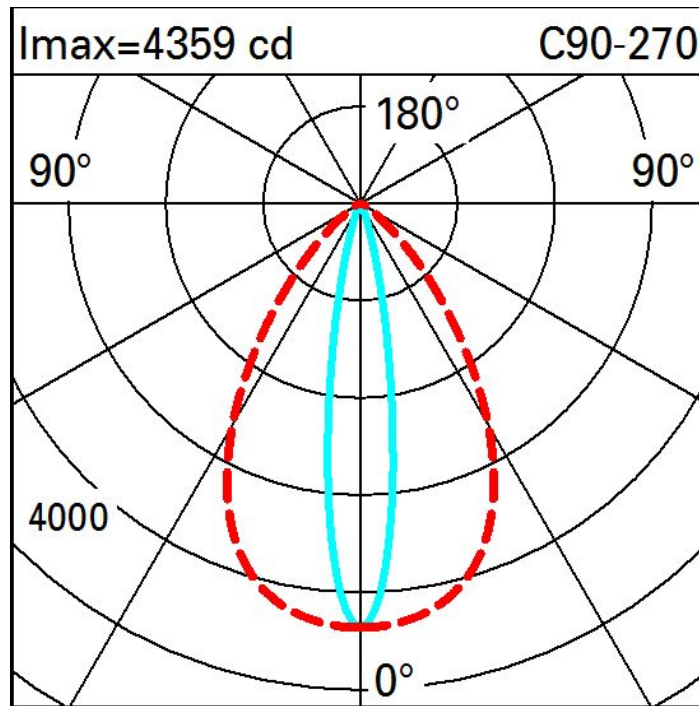
IK06

IP66

**Technical data**

Im system:	1701	Life Time LED 2:	96,000h - L80 - B10 (Ta 40°C)
W system:	36.2	Voltage [Vin]:	48
Im source:	2700	Lamp code:	LED
W source:	31	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, 47 real value):		ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	63	LED current [mA]:	300
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)	Control:	DMX-RDM

Polar



Illuminances

