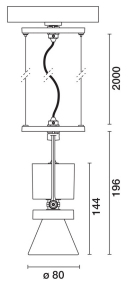


Last information update: January 2025

**Product code**

100C: LV Ø80 pendant projector for Filorail - Optibeam Lens - DALI Powerline

**Technical description**

Miniaturised adjustable pendant luminaire with adapter for installation on a 48V Filorail low voltage track. High yield LED lamp with high color rendering index. Adjustable pendant spotlight made of die-cast aluminium and thermoplastic material. Balanced pendant system with double steel cable - L max 2000 mm - and adjustment system. DC/DC driver circuit with dimmable DALI function integrated in the body. The Dali «power line» technology allows each spotlight on the track to be adjusted separately. Luminaire body made of die-cast aluminium and thermoplastic material. Swivel joints allow the spotlight to be rotated by 360° about the vertical axis and tilted by 90° tilting relative to the horizontal plane. The set back position of the optic unit guarantees a high level of visual comfort. High definition lens in thermoplastic material. Mechanical aiming locks fitted on both the spotlight and adapter allow rotation and tilting movements to be locked in position to ensure efficient light aiming even after the original installation or during maintenance. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory. Another external component that rotates freely around the spotlight's longitudinal axis can also be applied.

**Installation**

Installation on a Filorail track.

**Colour**

White (01) | Orange (02) | Black (04) | Red (05) | Yellow (06) | Sky blue (09)

**Wiring**

LED driver integrated in product body - direct connection on 48V track. Track power supply unit to be ordered separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1074 (*)	CRI:	90
W system:	13.5 (*)	Colour temperature [K]:	3500
Im source:	-	Number of lamps for optical assembly:	1
W source:	-	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	78 (*)	Number of optical assemblies:	1
Im in emergency mode:	-	Control:	DALI
Beam angle [°]:	28 (*)		

Last information update: March 2025

**Product configuration: 017C.01**

017C.01: LV Ø55 Spot projector for Filorail - Optibeam Reflector - DALI Powerline - 6.7W 496lm - 4000K - CRI 90 - White

**Product code**

017C.01: LV Ø55 Spot projector for Filorail - Optibeam Reflector - DALI Powerline - 6.7W 496lm - 4000K - CRI 90 - White

**Technical description**

Miniaturised adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. High yield LED lamp with high color rendering index. DC/DC driver circuit with dimmable DALI function integrated in the body. The Dali «power line» technology allows each spotlight on the track to be adjusted separately. Luminaire body made of die-cast aluminium and thermoplastic material. Swivel joints allow the spotlight to be rotated by 360° about the vertical axis and tilted by 90° tilting relative to the horizontal plane. The set back position of the optic unit guarantees a high level of visual comfort. An Optibeam Reflector in high-efficiency, metallized plastic. Mechanical aiming locks fitted on both the spotlight and adapter allow rotation and tilting movements to be locked in position to ensure efficient light aiming even after the original installation or during maintenance. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory.

**Installation**

Installation on a Filorail track.

**Colour**

White (01)

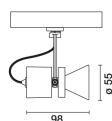
**Weight (Kg)**

0.28

**Wiring**

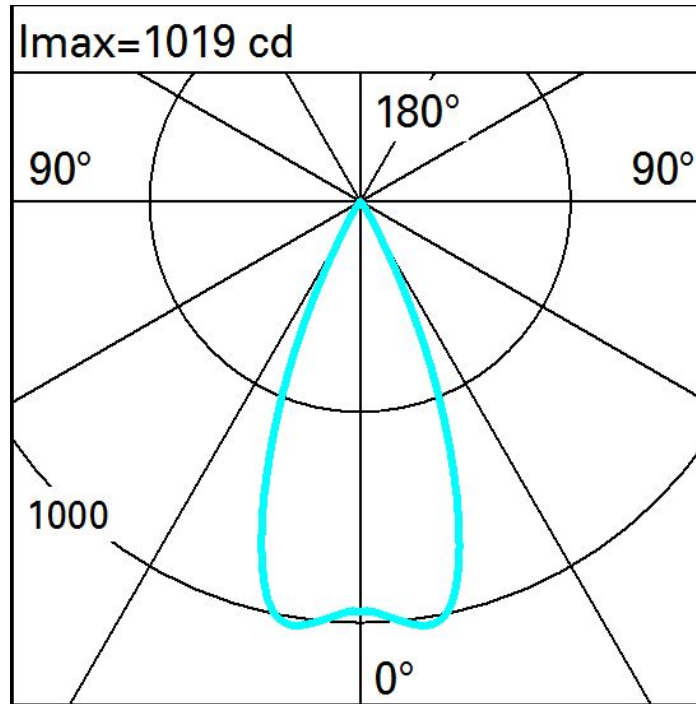
LED driver integrated in product body - direct connection on 48V track. Track power supply unit to be ordered separately.

Complies with EN60598-1 and pertinent regulations

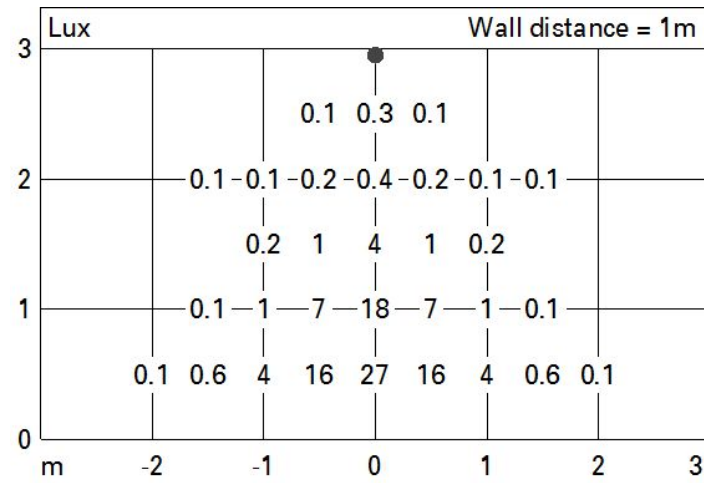
**Technical data**

Im system:	496	Colour temperature [K]:	4000
W system:	6.7	MacAdam Step:	2
Im source:	620	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	5.5	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	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	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	80	Number of optical assemblies:	1
Beam angle [°]:	44°	Power factor:	See installation instructions
CRI (minimum):	90	Control:	DALI

Polar



Illuminances



Last information update: July 2024

**Product configuration: RR61**

RR61: Small body spotlight - warm white - DALI - MEDIUM



**Product code**

RR61: Small body spotlight - warm white - DALI - MEDIUM

**Technical description**

Adjustable spotlight with adapter for installation on an electrified DALI track. High yield LED lamp with high color rendering index. Luminaire body made of die-cast aluminium and thermoplastic material. Swivel joints allow the spotlight to be rotated by 360° about the vertical axis and tilted by 90° tilting relative to the horizontal plane. Mechanical aiming locks fitted on both the spotlight and adapter allow rotation and tilting movements to be locked in position to ensure efficient light aiming even after the original installation or during maintenance. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied - asymmetric screen / directional flaps; the external accessories can rotate freely about the spotlight longitudinal axis. DALI dimmable power supply unit integrated in the spotlight body.

**Installation**

Installation on an electrified track.

**Colour**

White (01) | Grey / Black (74)

**Weight (Kg)**

0.68

**Mounting**

dali track

**Wiring**

Integrated DALI dimmer power supply unit.

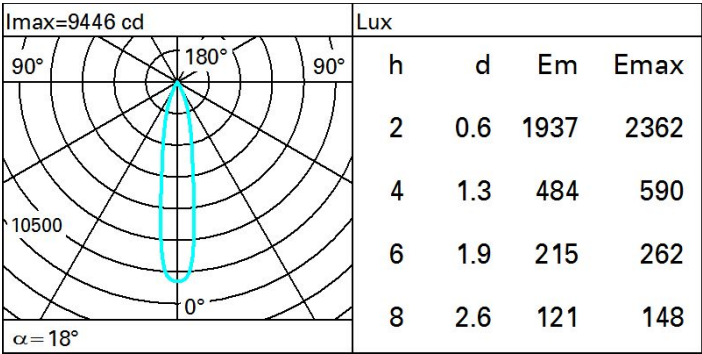
Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	1706	CRI (minimum):	90
W system:	22.3	Colour temperature [K]:	3000
Im source:	2080	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	76.5	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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	18°	Control:	DALI-2

**Polar**



Last information update: July 2024

**Product configuration: P269**

P269: Large body spotlight - warm white - DALI - FLOOD

**Product code**

P269: Large body spotlight - warm white - DALI - FLOOD

**Technical description**

Adjustable spotlight with adapter for installation on an electrified DALI track. High yield LED lamp with high color rendering index. Luminaire body made of die-cast aluminium and thermoplastic material. Swivel joints allow the spotlight to be rotated by 360° about the vertical axis and tilted by 90° tilting relative to the horizontal plane. Mechanical aiming locks fitted on both the spotlight and adapter allow rotation and tilting movements to be locked in position to ensure efficient light aiming even after the original installation or during maintenance. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied - asymmetric screen / directional flaps; the external accessories can rotate freely about the spotlight longitudinal axis. DALI dimmable power supply unit integrated in the spotlight body.

**Installation**

Installation on an electrified track.

**Colour**

White (01) | Grey / Black (74)

**Weight (Kg)**

2.25

**Mounting**

three circuit track

**Wiring**

Integrated DALI dimmer power supply unit.

Complies with EN60598-1 and pertinent regulations



850°C

IP20

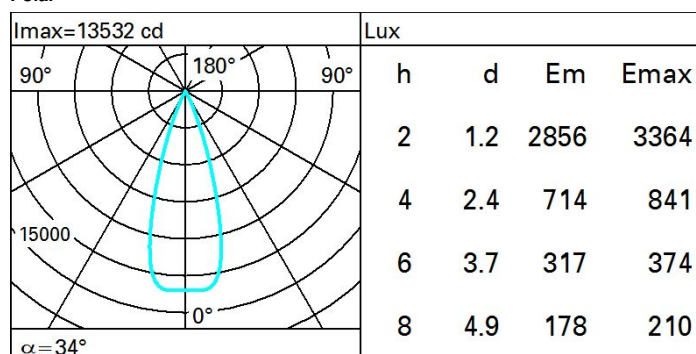
IP40

for optical  
assembly

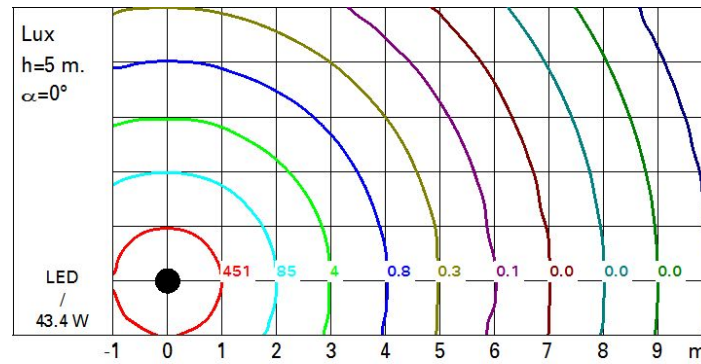
pending

**Technical data**

Im system:	4305	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	43.4	Lamp code:	LED
Im source:	5250	Number of lamps for optical assembly:	1
W source:	39	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	99.2	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	18 A / 250 µs
Light Output Ratio (L.O.R.) [%]:	82	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
Beam angle [°]:	34°	Minimum dimming %:	1
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2
MacAdam Step:	2		

**Polar**

### Isolux



### UGR diagram

Corrected UGR values (at 5250 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling		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 crosswise					viewed endwise				
x	y										
2H	2H	1.6	2.1	1.9	2.4	2.6	1.6	2.1	1.9	2.4	2.6
	3H	1.6	2.1	1.9	2.3	2.6	1.6	2.0	1.9	2.3	2.6
	4H	1.6	2.0	1.9	2.3	2.6	1.5	1.9	1.8	2.2	2.5
	6H	1.5	1.9	1.9	2.2	2.6	1.4	1.8	1.8	2.1	2.5
	8H	1.5	1.9	1.9	2.2	2.6	1.4	1.8	1.8	2.1	2.4
	12H	1.5	1.8	1.9	2.2	2.5	1.4	1.7	1.7	2.1	2.4
4H	2H	1.5	1.9	1.8	2.2	2.5	1.6	2.0	1.9	2.3	2.6
	3H	1.5	1.9	1.9	2.2	2.6	1.5	1.9	1.9	2.2	2.6
	4H	1.5	1.8	1.9	2.2	2.6	1.5	1.8	1.9	2.2	2.6
	6H	1.5	1.7	1.9	2.1	2.6	1.4	1.7	1.9	2.1	2.5
	8H	1.4	1.7	1.9	2.1	2.5	1.4	1.7	1.8	2.1	2.5
	12H	1.4	1.6	1.8	2.0	2.5	1.4	1.6	1.8	2.0	2.5
8H	4H	1.4	1.7	1.8	2.1	2.5	1.4	1.7	1.9	2.1	2.5
	6H	1.4	1.6	1.8	2.0	2.5	1.4	1.6	1.9	2.0	2.5
	8H	1.3	1.5	1.8	2.0	2.5	1.3	1.5	1.8	2.0	2.5
	12H	1.3	1.5	1.8	1.9	2.5	1.3	1.5	1.8	1.9	2.5
12H	4H	1.4	1.6	1.8	2.0	2.5	1.4	1.6	1.8	2.0	2.5
	6H	1.3	1.5	1.8	2.0	2.5	1.3	1.5	1.8	2.0	2.5
	8H	1.3	1.5	1.8	1.9	2.5	1.3	1.5	1.8	1.9	2.5
Variations with the observer position at spacing:											
S =		1.0H	4.1 / -5.1				4.1 / -5.1				
		1.5H	6.7 / -6.3				6.7 / -6.3				
		2.0H	8.7 / -6.9				8.7 / -6.9				

Last information update: July 2024

**Product configuration: RR83**

RR83: Surface-mounted - Small body spotlight - warm white - DALI - FLOOD

**Product code**

RR83: Surface-mounted - Small body spotlight - warm white - DALI - FLOOD

**Technical description**

Wall or ceiling-mounted luminaire. High yield LED lamp with high color rendering index. Adjustable spotlight made of die-cast aluminium and thermoplastic material. Die-cast aluminium mounting base. Swivel joints allow the light emission of the spotlight to be set in direct or indirect mode. Fitted with mechanical aiming locks, so rotation and tilting movements can be locked in position to ensure efficient light aiming even after the original installation or during maintenance. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied - asymmetric screen / directional flaps; the external accessories can rotate freely about the spotlight longitudinal axis. DALI dimmable power supply unit integrated in the spotlight body.

**Installation**

Base for wall or ceiling-mounting - fixed to installation surface with screws and screw anchors (not included).

**Colour**

White (01) | Grey (15)

**Weight (Kg)**

0.95

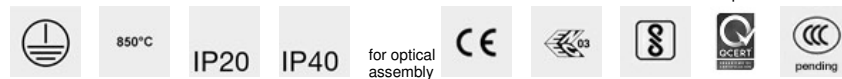
**Mounting**

wall surface|ceiling surface

**Wiring**

Integrated DALI dimmer power supply unit. Terminals for connecting to mains network available on the surface-mounted base.

Complies with EN60598-1 and pertinent regulations

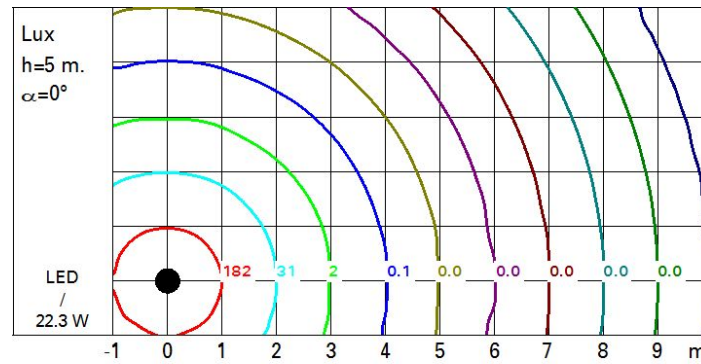
**Technical data**

lm system:	1706	CRI (minimum):	90
W system:	22.3	Colour temperature [K]:	3000
lm source:	2080	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	76.5	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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	28°	Control:	DALI-2

**Polar**

Imax=6670 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	1	1403 1667
			4	2	351 417
			6	3	156 185
			8	4	88 104
$\alpha = 28^\circ$					

### Isolux



### UGR diagram

Corrected UGR values (at 2080 lm bare lamp luminous flux)												
Reflect.:		viewed crosswise					viewed endwise					
ceiling		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 crosswise					viewed endwise					
x	y											
2H	2H	0.2	2.4	0.6	2.7	3.0	0.2	2.4	0.6	2.7	3.0	
	3H	0.2	1.8	0.5	2.2	2.5	0.1	1.8	0.5	2.1	2.5	
	4H	0.1	1.5	0.5	1.9	2.2	0.1	1.5	0.4	1.8	2.1	
	6H	0.1	1.2	0.5	1.5	1.9	0.0	1.1	0.4	1.4	1.8	
	8H	0.1	1.1	0.5	1.4	1.8	-0.0	1.0	0.4	1.4	1.7	
	12H	0.0	1.0	0.4	1.4	1.8	-0.1	1.0	0.3	1.3	1.7	
4H	2H	0.1	1.5	0.4	1.8	2.1	0.1	1.5	0.5	1.9	2.2	
	3H	0.1	1.1	0.5	1.5	1.8	0.1	1.1	0.5	1.5	1.9	
	4H	0.0	1.0	0.5	1.4	1.8	0.0	1.0	0.5	1.4	1.8	
	6H	-0.3	1.4	0.1	1.8	2.3	-0.3	1.4	0.2	1.8	2.3	
	8H	-0.5	1.4	0.0	1.9	2.4	-0.5	1.5	0.0	1.9	2.4	
	12H	-0.6	1.4	-0.1	1.9	2.4	-0.6	1.4	-0.1	1.9	2.4	
8H	4H	-0.5	1.5	0.0	1.9	2.4	-0.5	1.4	0.0	1.9	2.4	
	6H	-0.6	1.3	-0.1	1.8	2.3	-0.6	1.3	-0.1	1.8	2.3	
	8H	-0.6	1.1	-0.1	1.6	2.1	-0.6	1.1	-0.1	1.6	2.1	
	12H	-0.4	0.6	0.1	1.1	1.7	-0.4	0.6	0.1	1.1	1.7	
12H	4H	-0.6	1.4	-0.1	1.9	2.4	-0.6	1.4	-0.1	1.9	2.4	
	6H	-0.6	1.0	-0.1	1.5	2.1	-0.6	1.1	-0.1	1.6	2.1	
	8H	-0.4	0.6	0.1	1.1	1.7	-0.4	0.6	0.1	1.1	1.7	
Variations with the observer position at spacing:												
S =		1.0H	6.0 / -6.5				6.0 / -6.5					
		1.5H	8.7 / -7.1				8.7 / -7.1					
		2.0H	10.7 / -8.1				10.7 / -8.1					