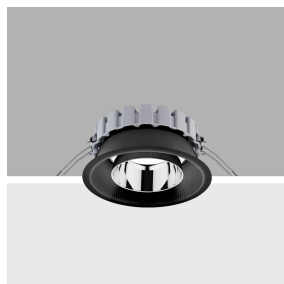


Last information update: February 2025

Product configuration: QW20.F8

QW20.F8: Ø 163 mm - neutral white - INVERTER - UGR<19 - Black / transparent / chrome

**Product code**

QW20.F8: Ø 163 mm - neutral white - INVERTER - UGR<19 - Black / transparent / chrome

Technical description

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Prismatic thermoplastic reflector complete with flux enhancer and anti-glare screen located at the centre of the optic. The anti-glare screen is made of thermoplastic vacuum-metallised with aluminium vapours finished with a protective anti-scratch layer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in neutral white colour tone (4000K). Light emission UGR<19 L<3000 cd/m² ideal for environments with video terminals. Luminaire complete with inverter for safety light.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 25 mm.

Colour

Black/transparent/chrome (F8)

Weight (Kg)

1.31

Mounting

ceiling surface

Wiring

product complete with INVERTER

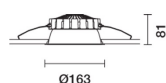
Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed

**Technical data**

Im system:	2489	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	28.7	Lamp code:	LED
Im source:	3150	Number of lamps for optical assembly:	1
W source:	21	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	86.7	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:	19.4 A / 250 µs
Light Output Ratio (L.O.R.) [%]:	79	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	4000	Control:	On/off
MacAdam Step:	2		

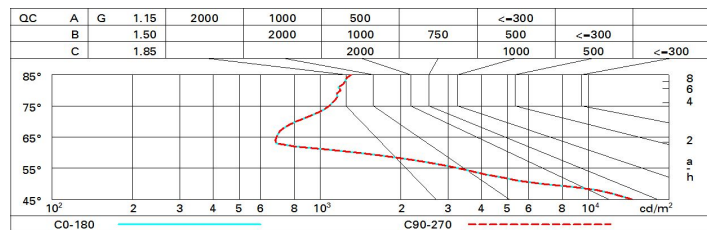
Polar

	CIE nL 0.79 93-99-100-100-79 UGR 16.0-15.9 DIN A.61 UTE 0.79A+0.00T F*1=925 F*1+F*2=994 F*1+F*2+F*3=998 CIBSE LG3 L<1500 cd/m ² at 65° UGR<16 L<1500 cd/mq @65°			
	h	d	Em	Emax
	2	2.1	560	728
	4	4.3	140	182
	6	6.4	62	81
	8	8.5	35	46

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	64	61	59	64	61	60	58	73
1.0	72	68	66	63	68	65	65	62	78
1.5	77	74	71	70	73	71	70	67	85
2.0	79	77	76	74	76	75	74	71	90
2.5	81	79	78	77	78	77	76	74	93
3.0	82	81	80	79	80	79	78	75	96
4.0	83	82	82	81	81	80	79	77	97
5.0	84	83	82	82	82	81	80	78	98

Luminance curve limit



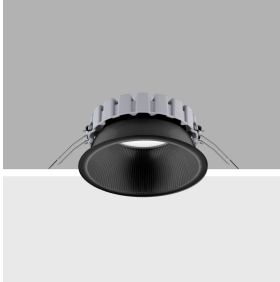
UGR diagram

Corrected UGR values (at 3150 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	10.4	17.1	10.7	17.3	17.0	10.4	17.1	10.7	17.3	17.0
	3H	10.3	10.9	10.0	17.2	17.5	10.3	10.9	10.0	17.2	17.5
	4H	10.3	10.8	10.0	17.1	17.4	10.2	10.8	10.0	17.1	17.4
	6H	10.2	10.7	10.0	17.0	17.4	10.2	10.7	10.0	17.0	17.3
	8H	10.2	10.7	10.5	17.0	17.3	10.1	10.6	10.5	17.0	17.3
	12H	10.1	10.6	10.5	17.0	17.3	10.1	10.6	10.5	16.9	17.3
4H	2H	10.2	10.8	10.0	17.1	17.4	10.3	10.8	10.0	17.1	17.4
	3H	10.1	10.6	10.5	10.9	17.3	10.1	10.6	10.5	10.9	17.3
	4H	10.1	10.5	10.5	10.8	17.2	10.1	10.5	10.5	10.8	17.2
	6H	10.0	10.4	10.4	10.8	17.2	10.0	10.3	10.4	10.7	17.2
	8H	10.0	10.3	10.4	10.7	17.2	15.9	10.3	10.4	10.7	17.1
	12H	10.0	10.3	10.4	10.7	17.2	15.9	10.2	10.4	10.6	17.1
8H	4H	15.9	10.3	10.4	10.7	17.1	10.0	10.3	10.4	10.7	17.2
	6H	15.9	10.2	10.4	10.6	17.1	15.9	10.2	10.4	10.6	17.1
	8H	15.9	10.1	10.4	10.6	17.1	15.9	10.1	10.4	10.6	17.1
	12H	15.9	10.1	10.4	10.6	17.1	15.9	10.1	10.4	10.5	17.1
12H	4H	15.9	10.2	10.4	10.6	17.1	10.0	10.3	10.4	10.7	17.2
	6H	15.9	10.1	10.4	10.6	17.1	15.9	10.1	10.4	10.6	17.1
	8H	15.9	10.1	10.4	10.5	17.1	15.9	10.1	10.4	10.6	17.1
Variations with the observer position at spacing:											
S =		1.0H	3.9 / -7.0				3.9 / -7.0				
		1.5H	0.5 / -9.3				0.5 / -9.3				
		2.0H	0.5 / -9.5				0.5 / -9.5				

Last information update: June 2024

Product configuration: R474.83

R474.83: Ø 153 - 4000K - CRI80 - UGR<19 - INVERTER - Transparent/Black

**Product code**

R474.83: Ø 153 - 4000K - CRI80 - UGR<19 - INVERTER - Transparent/Black

Technical description

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Prismatic thermoplastic reflector complete with flux enhancer. Optic available with two finishes, clear white or clear black. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in neutral white colour tone (4000K) and microfilm that is able to guarantee a light beam of UGR<19 L<3000 cd/m², which is ideal for environments with video terminals. Luminaire complete with inverter for safety light.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 25 mm.

Colour

Black Transparent (83)

Weight (Kg)

1.13

Mounting

ceiling surface

Wiring

Product complete with INVERTER for safety light.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	1445	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	15.4	Lamp code:	LED
lm source:	1700	Number of lamps for optical assembly:	1
W source:	9.6	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	93.8	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	20 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	85	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 14 luminaires B16A: 23 luminaires C10A: 23 luminaires C16A: 39 luminaires
CRI (minimum):	80	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	4000	Control:	On/off
MacAdam Step:	2		

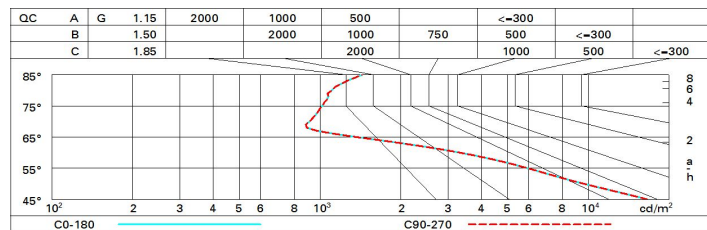
Polar

	CIE nL 0.85 83-98-100-100-85 UGR 18.0-17.9 DIN A.61 UTE 0.85B+0.00T F*1=831 F*1+F*2=984 F*1+F*2+F*3=997 CIBSE LG3 L<1500 cd/m ² at 65° UGR<19 L<1500 cd/mq @65°			
	Lux			
	h	d	Em	E _{max}
	1	1.5	765	1001
	2	3	191	250
	3	4.5	85	111
	4	6	48	63

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	64	61	58	64	60	60	56	66
1.0	75	70	66	63	69	65	65	61	72
1.5	80	77	74	71	76	73	72	69	81
2.0	84	81	79	77	80	78	77	74	87
2.5	86	84	82	80	82	81	80	77	90
3.0	87	85	84	82	84	83	81	79	93
4.0	88	87	86	85	86	85	83	81	95
5.0	89	88	87	86	87	86	84	82	96

Luminance curve limit



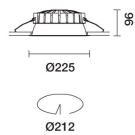
UGR diagram

Corrected UGR values (at 1700 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	18.4	19.1	18.7	19.4	19.6	18.4	19.1	18.7	19.4	19.6
	3H	18.2	18.9	18.6	19.2	19.5	18.3	19.0	18.6	19.2	19.5
	4H	18.2	18.8	18.5	19.1	19.4	18.2	18.9	18.6	19.2	19.5
	6H	18.1	18.7	18.5	19.0	19.4	18.1	18.7	18.5	19.0	19.4
	8H	18.1	18.7	18.5	19.0	19.3	18.1	18.7	18.5	19.0	19.3
	12H	18.1	18.6	18.5	19.0	19.3	18.1	18.6	18.5	18.9	19.3
4H	2H	18.2	18.9	18.6	19.2	19.5	18.2	18.8	18.5	19.1	19.4
	3H	18.1	18.6	18.5	19.0	19.3	18.1	18.7	18.5	19.0	19.4
	4H	18.0	18.5	18.4	18.9	19.3	18.0	18.5	18.4	18.9	19.3
	6H	18.0	18.4	18.4	18.8	19.2	18.0	18.4	18.4	18.8	19.2
	8H	18.0	18.3	18.4	18.8	19.2	17.9	18.3	18.4	18.7	19.2
	12H	17.9	18.3	18.4	18.7	19.2	17.9	18.2	18.3	18.7	19.1
8H	4H	17.9	18.3	18.4	18.7	19.2	18.0	18.3	18.4	18.8	19.2
	6H	17.9	18.2	18.4	18.6	19.1	17.9	18.2	18.4	18.7	19.1
	8H	17.9	18.1	18.4	18.6	19.1	17.9	18.1	18.4	18.6	19.1
	12H	17.9	18.1	18.4	18.6	19.1	17.8	18.1	18.3	18.6	19.1
12H	4H	17.9	18.2	18.3	18.7	19.1	17.9	18.3	18.4	18.7	19.2
	6H	17.8	18.1	18.3	18.6	19.1	17.9	18.2	18.4	18.6	19.1
	8H	17.8	18.1	18.3	18.6	19.1	17.9	18.1	18.4	18.6	19.1
Variations with the observer position at spacing:											
S =	1.0H	2.2 / -4.2					2.2 / -4.2				
	1.5H	4.3 / -7.5					4.3 / -7.5				
	2.0H	6.3 / -9.4					6.3 / -9.4				

Last information update: February 2025

Product configuration: R516

R516: Ø 212 mm - neutral white - WW - DALI

**Product code**

R516: Ø 212 mm - neutral white - WW - DALI

Technical description

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Prismatic thermoplastic reflector complete with flux enhancer and metallised flap to guarantee optimum vertical downlight. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in neutral white colour tone (4000K). Wall-washer light emission.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 25 mm.

Colour

White/Transparent/Chrome (F6) | Black/transparent/chrome (F8)

Weight (Kg)

1.1

Mounting

ceiling surface

Wiring

Product complete with DALI components

Notes

TPA version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations



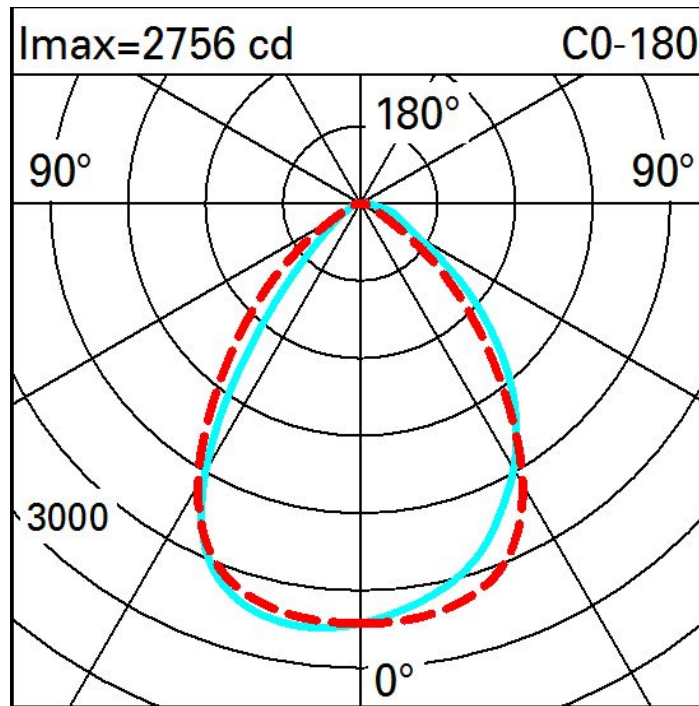
IP20

IP54

On the visible part of
the product once installed**Technical data**

Im system:	4452	Colour temperature [K]:	4000
W system:	36.7	MacAdam Step:	2
Im source:	5300	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	32	Lamp code:	LED
Luminous efficiency (Im/W, real value):	121.3	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.) [%]:	84	Control:	DALI-2
CRI (minimum):	80		

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	3	6	16	47	142	232	142	47	16	6	3			
2	4	10	29	104	287	424	287	104	29	10	4			
	7	21	61	146	260	322	260	146	61	21	7			
1	15	32	66	120	175	200	175	120	66	32	15			
	18	35	59	88	112	123	112	88	59	35	18			
0														
	m	-2	-1	0	1	2	3							

Last information update: February 2025

Product configuration: RL99.83

RL99.83: Ø 105 mm - warm white - DALI - Black Transparent

**Product code**

RL99.83: Ø 105 mm - warm white - DALI - Black Transparent

Technical description

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Prismatic thermoplastic reflector complete with flux enhancer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in warm white colour tone (3500K). General lighting beam.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 25 mm.

Colour

Black Transparent (83)

Weight (Kg)

0.4

Mounting

ceiling surface

Wiring

product complete with DALI components

Notes

TPa version available on request, contact iGuzzini for more info

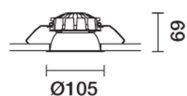
Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed

**Technical data**

Im system:	1025	Colour temperature [K]:	3500
W system:	10	MacAdam Step:	2
Im source:	1250	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	7.9	Lamp code:	LED
Luminous efficiency (lm/W, real value):	102.5	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.) [%]:	82	Control:	DALI-2
CRI (minimum):	90		

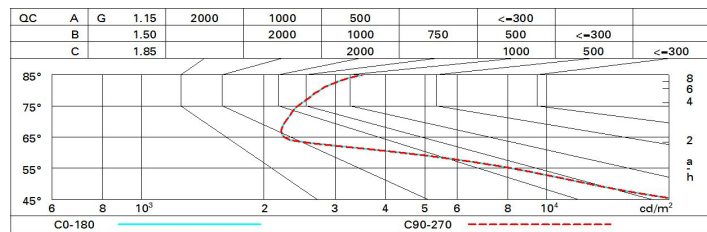
Polar

Imax=992 cd		CIE		Lux			
90°	180°	nL 0.82		h	d	Em	E _{max}
		87-98-100-100-82		1	1.2	741	992
		UGR 18.7-18.6		2	2.4	185	248
		DIN A.61		3	3.5	82	110
		UTE 0.82A+0.00T		4	4.7	46	62
		F*1=866					
		F*1+F*2=982					
		F*1+F*2+F*3=995					
α = 61°							

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	64	60	58	63	60	59	56	68
1.0	73	68	65	63	68	65	64	61	74
1.5	78	75	72	70	74	71	71	68	82
2.0	81	79	77	75	78	76	75	72	88
2.5	83	81	80	78	80	78	77	75	91
3.0	84	83	81	80	81	80	79	77	94
4.0	86	84	83	82	83	82	81	78	96
5.0	86	85	84	84	84	83	82	79	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 1250 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	18.9	19.6	19.2	19.9	20.1	18.9	19.6	19.2	19.9	20.1
	3H	18.8	19.5	19.1	19.8	20.0	18.8	19.5	19.1	19.8	20.0
	4H	18.8	19.4	19.1	19.7	20.0	18.7	19.4	19.1	19.7	20.0
	6H	18.7	19.3	19.1	19.7	20.0	18.7	19.2	19.0	19.6	19.9
	8H	18.7	19.3	19.1	19.6	20.0	18.6	19.2	19.0	19.5	19.9
	12H	18.7	19.3	19.1	19.6	20.0	18.6	19.1	19.0	19.5	19.8
4H	2H	18.7	19.4	19.1	19.7	20.0	18.8	19.4	19.1	19.7	20.0
	3H	18.7	19.2	19.0	19.6	19.9	18.7	19.3	19.1	19.6	20.0
	4H	18.7	19.1	19.1	19.5	19.9	18.7	19.1	19.1	19.5	19.9
	6H	18.7	19.1	19.1	19.5	19.9	18.6	19.0	19.0	19.4	19.8
	8H	18.7	19.1	19.1	19.5	19.9	18.6	19.0	19.0	19.4	19.8
	12H	18.7	19.1	19.2	19.5	19.9	18.5	18.9	19.0	19.3	19.8
8H	4H	18.6	19.0	19.0	19.4	19.8	18.7	19.1	19.1	19.5	19.9
	6H	18.6	18.9	19.1	19.4	19.9	18.7	19.0	19.2	19.4	19.9
	8H	18.7	18.9	19.2	19.4	19.9	18.7	18.9	19.2	19.4	19.9
	12H	18.7	19.0	19.2	19.5	20.0	18.7	18.9	19.2	19.4	19.9
12H	4H	18.5	18.9	19.0	19.3	19.8	18.7	19.1	19.2	19.5	19.9
	6H	18.6	18.9	19.1	19.3	19.8	18.7	19.0	19.2	19.5	20.0
	8H	18.7	18.9	19.2	19.4	19.9	18.7	19.0	19.2	19.5	20.0
Variations with the observer position at spacing:											
S =	1.0H	2.4 / -3.5					2.4 / -3.5				
	1.5H	4.8 / -5.6					4.8 / -5.6				
	2.0H	6.7 / -6.0					6.7 / -6.0				

Last information update: February 2025

Product configuration: RM03.D8

RM03.D8: Ø 163 mm - warm white - DALI - White Transparent

**Product code**

RM03.D8: Ø 163 mm - warm white - DALI - White Transparent

Technical description

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Prismatic thermoplastic reflector complete with flux enhancer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in warm white colour tone (3500K). General lighting beam.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 25 mm.

Colour

White Transparent (D8)

Weight (Kg)

0.76

Mounting

ceiling surface

Wiring

product complete with DALI components

Notes

TPa version available on request, contact iGuzzini for more info

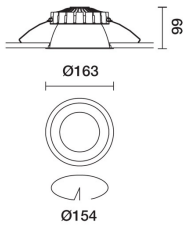
Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed

**Technical data**

Im system:	2776	Colour temperature [K]:	3500
W system:	24.5	MacAdam Step:	2
Im source:	3050	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	21	Lamp code:	LED
Luminous efficiency (lm/W, real value):	113.3	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.) [%]:	91	Control:	DALI-2
CRI (minimum):	90		

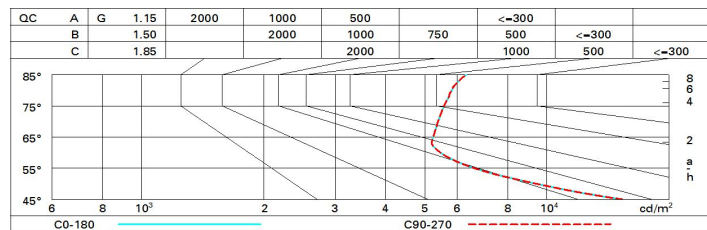
Polar

	CIE nL 0.91 89-97-99-100-91 UGR 19.2-18.8 DIN A.61 UTE 0.91A+0.00T F*1=887 F*1+F*2=968 F*1+F*2+F*3=991			
	h	d	Em	E _{max}
	2	2.2	564	736
	4	4.3	141	184
	6	6.5	63	82
	8	8.6	35	46

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	72	68	65	71	68	67	64	70
1.0	82	77	73	71	76	73	72	69	75
1.5	87	83	80	78	82	79	79	75	83
2.0	90	88	85	83	86	84	83	80	88
2.5	92	90	88	87	89	87	86	83	91
3.0	94	92	91	89	90	89	88	85	94
4.0	95	94	93	92	92	91	90	87	96
5.0	96	95	94	93	93	92	91	88	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 3050 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	18.1	18.9	18.4	19.1	19.3	18.1	18.9	18.4	19.1	19.3
	3H	18.3	19.0	18.7	19.3	19.6	18.1	18.8	18.4	19.0	19.3
	4H	18.5	19.1	18.9	19.4	19.7	18.1	18.7	18.4	19.0	19.3
	6H	18.7	19.3	19.1	19.6	19.9	18.0	18.6	18.4	18.9	19.3
	8H	18.8	19.4	19.2	19.7	20.0	18.0	18.6	18.4	18.9	19.2
	12H	18.9	19.4	19.2	19.7	20.1	18.0	18.5	18.4	18.8	19.2
4H	2H	18.1	18.7	18.4	19.0	19.3	18.5	19.1	18.9	19.4	19.7
	3H	18.4	19.0	18.8	19.3	19.7	18.7	19.2	19.0	19.5	19.9
	4H	18.7	19.2	19.1	19.6	20.0	18.7	19.2	19.1	19.6	20.0
	6H	19.1	19.5	19.5	19.9	20.3	18.8	19.2	19.2	19.6	20.0
	8H	19.2	19.6	19.6	20.0	20.4	18.8	19.2	19.3	19.6	20.0
	12H	19.3	19.7	19.8	20.1	20.6	18.8	19.1	19.3	19.6	20.0
8H	4H	18.8	19.2	19.3	19.6	20.0	19.2	19.6	19.6	20.0	20.4
	6H	19.3	19.6	19.7	20.0	20.5	19.4	19.7	19.9	20.2	20.6
	8H	19.5	19.8	20.0	20.2	20.7	19.5	19.8	20.0	20.2	20.7
	12H	19.7	19.9	20.2	20.4	21.0	19.6	19.8	20.1	20.3	20.8
12H	4H	18.8	19.1	19.3	19.6	20.0	19.3	19.7	19.8	20.1	20.6
	6H	19.3	19.6	19.8	20.0	20.5	19.6	19.8	20.1	20.3	20.8
	8H	19.6	19.8	20.1	20.3	20.8	19.7	19.9	20.2	20.4	21.0
Variations with the observer position at spacing:											
S =	1.0H	2.1 / -1.7					2.1 / -1.7				
	1.5H	4.2 / -2.1					4.2 / -2.1				
	2.0H	5.9 / -2.2					5.9 / -2.2				