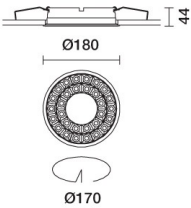
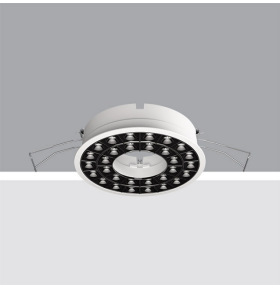


Blade R downlight

Last information update: November 2024

Product configuration: R782
R782: Frame Ø 170 - Medium beam - LED



Product code
R782: Frame Ø 170 - Medium beam - LED

Technical description
Ring luminaire with 18+12 optical elements for LED lamps - fixed optics. The optic system guarantees a high level of visual comfort and no glare. The body includes a radiant surface made of die-cast aluminium. The 18 LED and 12 LED optical assemblies include control gear and separate on/off switches. Version includes a perimeter surface frame. High definition reflectors made of thermoplastic material vacuum-metallised with aluminium vapours, integrated in a set-back position in the anti-glare screen. Supplied with a power supply unit connected to the luminaire.

Installation
Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - Ø 170 installation hole.

Colour	Weight (Kg)
White (01) Black / Black (43) Black / White (47) White/Gold (41)* White / burnished chrome (E7)*	1.25

* Colours on request

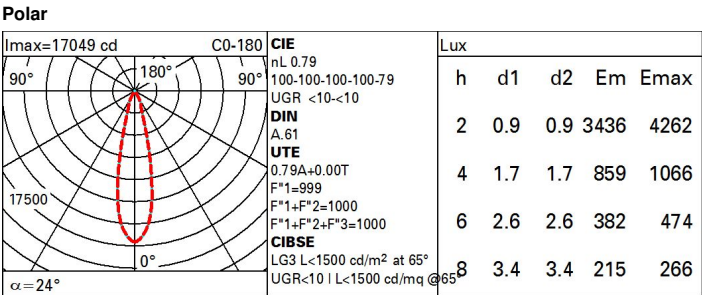
Mounting
ceiling recessed

Wiring
On the power supply unit with terminal board included. Available in DALI versions.

Complies with EN60598-1 and pertinent regulations

On the visible part of the product once installed

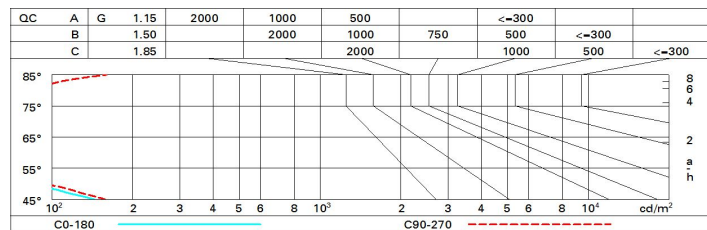
Technical data			
Im system:	3634	CRI (minimum):	90
W system:	51	Colour temperature [K]:	2700
Im source:	4600	MacAdam Step:	2
W source:	51	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	71.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	24°	Control:	DALI-2



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	74	71	69	67	70	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	78	99
5.0	84	84	84	83	83	82	81	79	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 4000 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	2.2	4.3	2.6	4.6	5.0	2.4	4.5	2.8	4.9	5.2
	3H	2.0	3.6	2.4	4.0	4.3	2.3	3.9	2.7	4.2	4.6
	4H	2.0	3.3	2.4	3.6	4.0	2.2	3.6	2.6	3.9	4.2
	6H	1.9	3.0	2.3	3.3	3.7	2.2	3.2	2.6	3.6	3.9
	8H	1.9	2.9	2.3	3.3	3.6	2.1	3.2	2.5	3.5	3.9
	12H	1.8	2.9	2.2	3.2	3.6	2.1	3.1	2.5	3.5	3.9
4H	2H	2.0	3.3	2.4	3.6	4.0	2.2	3.6	2.6	3.9	4.2
	3H	1.8	2.9	2.2	3.2	3.6	2.1	3.1	2.5	3.5	3.9
	4H	1.7	2.7	2.1	3.1	3.5	2.0	3.0	2.4	3.4	3.8
	6H	1.4	3.0	1.8	3.5	3.9	1.6	3.3	2.1	3.7	4.2
	8H	1.2	3.1	1.7	3.6	4.1	1.5	3.3	2.0	3.8	4.3
	12H	1.1	3.1	1.6	3.6	4.1	1.4	3.3	1.9	3.8	4.3
8H	4H	1.2	3.1	1.7	3.6	4.1	1.5	3.4	2.0	3.8	4.3
	6H	1.1	2.9	1.6	3.4	3.9	1.4	3.1	1.9	3.6	4.2
	8H	1.1	2.7	1.6	3.2	3.7	1.4	2.9	1.9	3.4	4.0
	12H	1.3	2.2	1.8	2.7	3.3	1.5	2.5	2.0	3.0	3.5
12H	4H	1.1	3.1	1.6	3.6	4.1	1.4	3.3	1.9	3.8	4.3
	6H	1.1	2.7	1.6	3.2	3.7	1.4	2.9	1.9	3.4	4.0
	8H	1.2	2.2	1.8	2.7	3.3	1.5	2.5	2.0	3.0	3.6
Variations with the observer position at spacing:											
S =	1.0H	6.8 / -23.1					6.8 / -16.1				
	1.5H	9.6 / -24.6					9.6 / -16.4				
	2.0H	11.6 / -25.0					11.6 / -16.7				