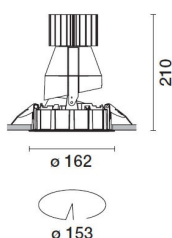


Product configuration: N096.39

N096.39: adjustable luminaire - Ø 153 mm - neutral white - flood optic - frame - 23.7W 1600lm - 4000K - White / Aluminium



Product code

N096.39: adjustable luminaire - Ø 153 mm - neutral white - flood optic - frame - 23.7W 1600lm - 4000K - White / Aluminium

Technical description

Technical description
Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a neutral white colour tone 4000K. Version with rim for surface-mounting. Painted, die-cast aluminium body. Lower reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Anodised aluminium upper reflector. Black, zinc-plated sheet steel bracket. The luminaire can be rotated 30° relative to the horizontal plane and 358° about the vertical axis. The luminaire is fitted with mechanical locks for light beam aiming. Painted extruded aluminium dissipater.

Installation

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

Colour
White / Aluminium (39)

Weight (Kg)	1.43
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Mounting

ceiling recessed

Wiring

Product complete with DALI components

Notes

Tpa rated

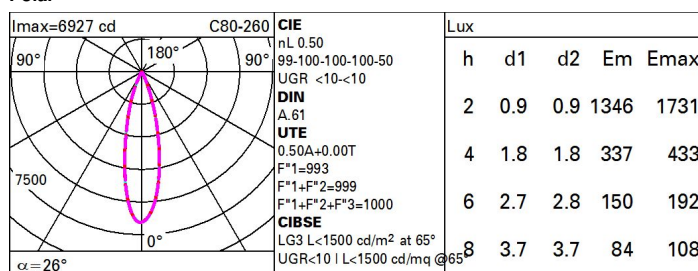
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1600	CRI (minimum):	80
W system:	23.7	Colour temperature [K]:	4000
Im source:	3200	MacAdam Step:	2
W source:	21	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	67.5	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.) [%]:	50	Number of optical assemblies:	1
Beam angle [°]:	26°	Control:	DALI-2

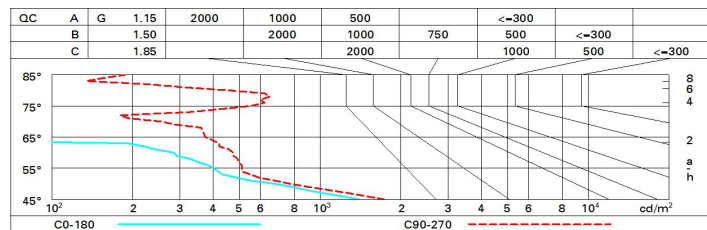
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	45	43	41	40	42	41	41	39	78
1.0	47	45	43	42	44	43	43	41	83
1.5	49	48	47	46	47	46	46	44	88
2.0	51	50	49	48	49	48	48	46	93
2.5	52	51	50	50	50	50	49	48	96
3.0	52	52	51	51	51	51	50	49	98
4.0	53	53	52	52	52	52	51	50	99
5.0	53	53	53	53	52	52	51	50	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3200 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	2.3	4.4	2.6	4.7	5.0	1.3	3.4	1.6	3.7	4.0
	3H	2.1	3.8	2.5	4.1	4.4	1.1	2.8	1.5	3.1	3.4
	4H	2.1	3.4	2.4	3.8	4.1	1.1	2.4	1.4	2.8	3.1
	6H	2.0	3.1	2.4	3.4	3.8	1.0	2.1	1.4	2.4	2.8
	8H	2.0	3.0	2.4	3.4	3.7	1.0	2.0	1.4	2.4	2.7
	12H	1.9	2.9	2.3	3.3	3.7	0.9	1.9	1.3	2.3	2.7
4H	2H	2.1	3.5	2.5	3.8	4.1	1.1	2.4	1.4	2.8	3.1
	3H	2.0	3.0	2.4	3.3	3.7	0.9	1.9	1.3	2.3	2.7
	4H	1.8	2.8	2.3	3.2	3.6	0.8	1.8	1.2	2.2	2.6
	6H	1.5	3.1	2.0	3.6	4.1	0.5	2.1	0.9	2.6	3.0
	8H	1.3	3.2	1.8	3.7	4.2	0.3	2.2	0.8	2.7	3.2
	12H	1.2	3.2	1.7	3.7	4.2	0.2	2.2	0.7	2.6	3.2
8H	4H	1.3	3.2	1.8	3.7	4.2	0.3	2.2	0.8	2.7	3.2
	6H	1.2	3.0	1.7	3.5	4.0	0.2	2.0	0.7	2.5	3.0
	8H	1.2	2.8	1.7	3.3	3.8	0.2	1.8	0.7	2.3	2.8
	12H	1.3	2.4	1.9	2.9	3.5	0.3	1.4	0.8	1.9	2.4
12H	4H	1.2	3.2	1.7	3.7	4.2	0.2	2.2	0.7	2.6	3.2
	6H	1.2	2.8	1.7	3.3	3.8	0.2	1.8	0.7	2.3	2.8
	8H	1.3	2.4	1.9	2.9	3.4	0.3	1.4	0.8	1.9	2.4
Variations with the observer position at spacing:											
S =	1.0H	5.1 / -9.9					4.9 / -14.1				
	1.5H	7.8 / -15.6					7.7 / -27.4				
	2.0H	9.8 / -20.4					9.7 / -27.1				