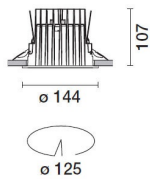


Last information update: May 2024

Product configuration: MV96

MV96: Fixed circular recessed luminaire - Ø125 mm - neutral white - flood optic - UGR<19

**Product code**MV96: Fixed circular recessed luminaire - Ø125 mm - neutral white - flood optic - UGR<19 **Attention! Code no longer in production****Technical description**

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in neutral white colour tone (4,000K). General light emission, with controlled luminance UGR<19 1500 cd/m² α=65° flood optic.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 20 mm.

Colour

White / Aluminium (39)

Weight (Kg)

1.02

Mounting

ceiling recessed

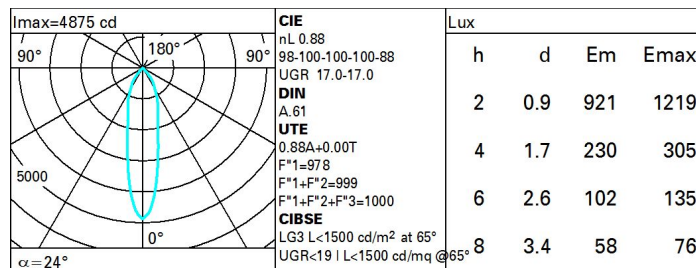
Wiring

product complete with an electronic ballast

Complies with EN60598-1 and pertinent regulations

**Technical data**

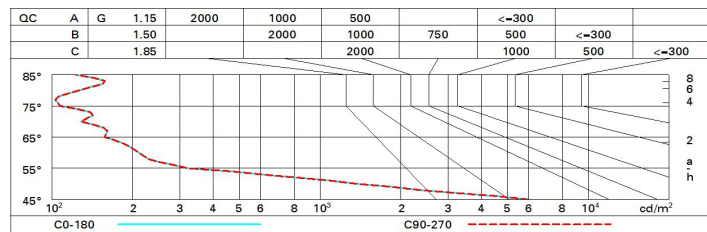
lm system:	1801	CRI (minimum):	80
W system:	14.9	Colour temperature [K]:	4000
lm source:	2050	MacAdam Step:	2
W source:	13	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	120.9	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	88	Number of optical assemblies:	1
Beam angle [°]:	24°		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	79	74	71	69	74	71	70	68	77
1.0	82	78	76	73	77	75	75	72	82
1.5	86	84	81	79	83	81	80	77	88
2.0	89	87	85	84	86	84	83	81	92
2.5	91	89	88	87	88	87	86	84	95
3.0	92	91	90	89	89	89	88	85	97
4.0	93	92	92	91	91	90	89	87	99
5.0	94	93	93	92	92	91	90	88	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2050 lm bare lamp luminous flux)											
Reflect.: ceiling/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	17.6	18.2	17.8	18.5	18.7	17.6	18.2	17.8	18.5	18.7
	3H	17.4	18.0	17.7	18.3	18.6	17.4	18.0	17.7	18.3	18.6
	4H	17.3	17.9	17.7	18.2	18.5	17.3	17.9	17.7	18.2	18.5
	6H	17.3	17.8	17.6	18.1	18.4	17.3	17.8	17.6	18.1	18.4
	8H	17.2	17.7	17.6	18.0	18.4	17.2	17.7	17.6	18.0	18.4
	12H	17.2	17.7	17.6	18.0	18.3	17.2	17.7	17.6	18.0	18.3
4H	2H	17.3	17.9	17.7	18.2	18.5	17.3	17.9	17.7	18.2	18.5
	3H	17.2	17.7	17.6	18.0	18.3	17.2	17.7	17.6	18.0	18.3
	4H	17.1	17.5	17.5	17.9	18.3	17.1	17.5	17.5	17.9	18.3
	6H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2
	8H	17.0	17.3	17.4	17.7	18.1	17.0	17.3	17.4	17.7	18.1
	12H	16.9	17.2	17.4	17.6	18.1	16.9	17.2	17.4	17.6	18.1
8H	4H	17.0	17.3	17.4	17.7	18.1	17.0	17.3	17.4	17.7	18.1
	6H	16.9	17.1	17.3	17.6	18.1	16.9	17.1	17.3	17.6	18.1
	8H	16.8	17.1	17.3	17.5	18.0	16.8	17.1	17.3	17.5	18.0
	12H	16.8	17.0	17.3	17.5	18.0	16.8	17.0	17.3	17.5	18.0
12H	4H	16.9	17.2	17.4	17.6	18.1	16.9	17.2	17.4	17.6	18.1
	6H	16.8	17.1	17.3	17.5	18.0	16.8	17.1	17.3	17.5	18.0
	8H	16.8	17.0	17.3	17.5	18.0	16.8	17.0	17.3	17.5	18.0
Variations with the observer position at spacing:											
S =	1.0H	4.4 / -24.6					4.4 / -24.6				
	1.5H	7.2 / -25.8					7.2 / -25.8				
	2.0H	9.2 / -26.2					9.2 / -26.2				