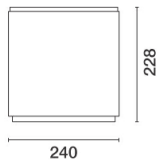


Last information update: June 2023

Product configuration: MQ18

MQ18: Ceiling-mounted luminaire - neutral LED - General light - Electronic control gear with inverter

**Product code**MQ18: Ceiling-mounted luminaire - neutral LED - General light - Electronic control gear with inverter **Attention! Code no longer in production****Technical description**

LED lamp, ceiling-mounted luminaire; integrated electronic control gear, including an inverter and battery unit for permanent emergency light with 1.5 hours autonomy. Die-cast aluminium plate for surface mounting with diffuser element; technical, shaped aluminium sheet brackets for components and optics; multi-faceted reflector vacuum-metallised with aluminium vapours and finished with a protective anti-scratch layer; safety glass cover over LED lamp; lathe-shaped aluminium cylindrical body; lower ring in high resistance polycarbonate. General lighting optic.

Installation

Plate fixed to ceiling using screws and screw anchors (not included); bayonet assembly systems ensuring simple installation and maintenance; snap-on spring fastening for reflector. Wall or pendant application option available thanks to special accessory kits with a separate code.

Colour

White (01) | Grey (15)

Weight (Kg)

3.75

Mounting

wall surface|ceiling surface|ceiling pendant

Wiring

Control gear integrated in luminaire; mains and optic unit connections made with quick coupling terminal blocks.

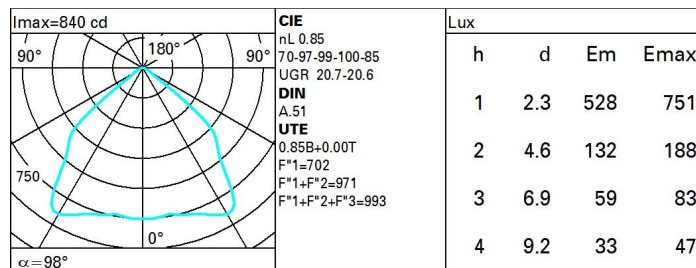
Notes

Kit for wall-mounting: code no. 9443 - kit for steel cable pendant system L 1500: code no. 9442

Complies with EN60598-1 and pertinent regulations

**Technical data**

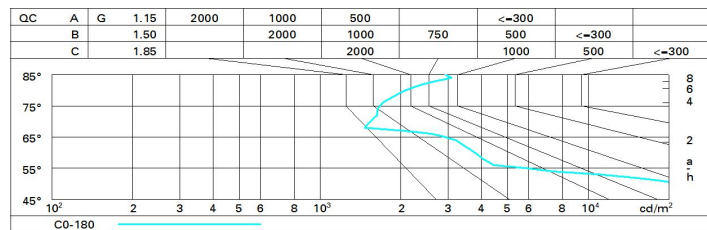
Im system:	1700	Colour temperature [K]:	4000
W system:	13.3	MacAdam Step:	2
Im source:	2000	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	11	Ballast losses [W]:	2.3
Luminous efficiency (Im/W, real value):	127.8	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	85	Number of optical assemblies:	1
CRI:	80		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	58	53	50	57	53	52	48	56
1.0	70	64	60	56	63	59	58	54	64
1.5	78	73	69	66	72	68	68	64	75
2.0	82	78	75	73	77	74	73	70	82
2.5	84	81	79	77	80	77	76	73	86
3.0	85	83	81	79	81	80	79	75	89
4.0	87	85	83	82	83	82	81	78	91
5.0	88	86	85	83	85	83	82	79	93

Luminance curve limit



UGR diagram

Corrected UGR values (at 2000 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	21.0	21.8	21.3	22.0	22.3	21.0	21.8	21.3	22.0	22.3
	3H	20.9	21.6	21.2	21.9	22.2	20.9	21.6	21.2	21.9	22.2
	4H	20.9	21.5	21.2	21.8	22.1	20.9	21.5	21.2	21.8	22.1
	6H	20.8	21.4	21.2	21.7	22.0	20.8	21.4	21.1	21.7	22.0
	8H	20.8	21.4	21.2	21.7	22.0	20.7	21.3	21.1	21.6	22.0
	12H	20.8	21.3	21.2	21.7	22.0	20.7	21.2	21.1	21.6	21.9
4H	2H	20.9	21.5	21.2	21.8	22.1	20.9	21.5	21.2	21.8	22.1
	3H	20.8	21.3	21.1	21.7	22.0	20.8	21.3	21.2	21.7	22.0
	4H	20.7	21.2	21.1	21.6	21.9	20.7	21.2	21.1	21.6	21.9
	6H	20.7	21.1	21.1	21.5	21.9	20.6	21.1	21.1	21.5	21.9
	8H	20.7	21.1	21.1	21.5	21.9	20.6	21.0	21.1	21.4	21.8
	12H	20.7	21.0	21.2	21.5	21.9	20.6	20.9	21.0	21.3	21.8
8H	4H	20.6	21.0	21.1	21.4	21.8	20.7	21.1	21.1	21.5	21.9
	6H	20.6	20.9	21.1	21.4	21.8	20.6	21.0	21.1	21.4	21.9
	8H	20.6	20.9	21.1	21.4	21.9	20.6	20.9	21.1	21.4	21.9
	12H	20.7	20.9	21.2	21.4	21.9	20.6	20.8	21.1	21.3	21.8
12H	4H	20.6	20.9	21.0	21.3	21.8	20.7	21.0	21.2	21.5	21.9
	6H	20.6	20.8	21.1	21.3	21.8	20.7	20.9	21.2	21.4	21.9
	8H	20.6	20.8	21.1	21.3	21.8	20.7	20.9	21.2	21.4	21.9
Variations with the observer position at spacing:											
S =		1.0H					1.7 / -5.1				
		1.5H					2.7 / -6.3				
		2.0H					4.6 / -7.5				