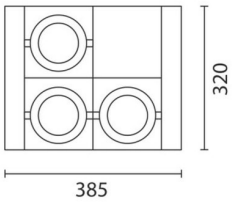
Cestello

Design G. Aulenti - P. Castiglioni **iGuzzini**

Last information update: November 2024

Product configuration: MG98
MG98: pendant luminaire with 3 optical assemblies - warm white passive dissipation LEDs - integrated dimmable electronic control gear - medium



Product code
MG98: pendant luminaire with 3 optical assemblies - warm white passive dissipation LEDs - integrated dimmable electronic control gear - medium **Attention! Code no longer in production**

Technical description
Multi-lamp pendant luminaire. LED lamps with passive heat dissipation system. Entirely aluminium frame; die-cast aluminium universal joints; can be adjusted +/- 45° relative to the horizontal and vertical axes; mechanical aiming locks. Thermoplastic material ceiling attachment base and rose; suspended using steel cables and millimetric adjustment system. Die-cast aluminium optical assemblies. Shaped so that heat is effectively carried away, guaranteeing that the performance of the lamps remains unaffected. PMMA emission optics. Textured PMMA additional optic screens - medium beam angle. DALI dimmable control gear units integrated in the control assembly. Warm white high efficiency LEDs; CRI (Ra) > 90.

Installation
4 rapidly adjustable ceiling attachments for steel suspension cables; ceiling attachment base for power rose; all fixed using screws and screw anchors not supplied. Suspension cables L 2000 mm.

Colour
Grey (15)

Mounting
ceiling pendant

Wiring
Connected to mains on power ceiling rose; standard terminal block; power cable L 2000 mm

Notes
the light beam can be varied by replacing the optics fitted with optional optics available with various beam angles; without additional optics the product emission is with a spot beam angle.

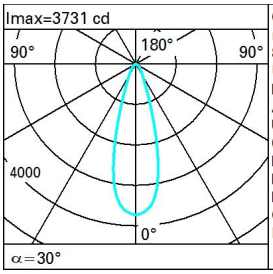
Complies with EN60598-1 and pertinent regulations

850°C IP20

Technical data

lm system:	4423.7	CRI:	95
W system:	72.2	Colour temperature [K]:	3000
lm source:	1800	MacAdam Step:	3
W source:	19	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	61.3	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.) [%]:	82	Number of optical assemblies:	3
Beam angle [°]:	30°		

Polar



CIE
nL 0.82
87-97-100-100-82
UGR 14.6-14.6
DIN
A.61
UTE
0.82A+0.00T
F"1=870
F"1+F"2=970
F"1+F"2+F"3=997
CIBSE
BZ1

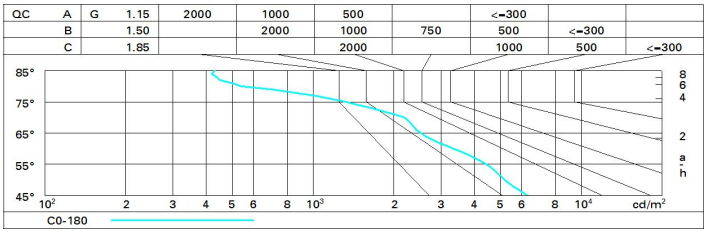
Lux

h	d	Em	Emax
2	1.1	764	933
4	2.1	191	233
6	3.2	85	104
8	4.3	48	58

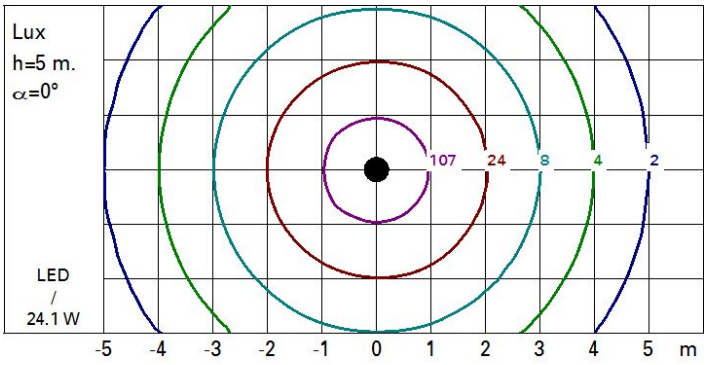
Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	64	61	58	63	60	60	56	69
1.0	73	69	65	63	68	65	64	61	74
1.5	78	75	72	70	74	71	70	67	82
2.0	81	79	77	75	77	76	75	72	88
2.5	83	81	79	78	80	78	77	75	91
3.0	84	83	81	80	81	80	79	77	94
4.0	86	84	84	83	83	82	81	79	96
5.0	86	85	85	84	84	83	82	80	97

Luminance curve limit



Isolux



UGR diagram

Photometric curve code: MF270000.J80
Corrected UGR values (at 1800 lm bare lamp luminous flux)

Riflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed					viewed		
x	y			crosswise					endwise		
2H	2H	13.8	14.5	14.0	14.7	14.9	13.8	14.5	14.0	14.7	14.9
	3H	14.2	14.9	14.5	15.1	15.4	14.0	14.6	14.3	14.9	15.1
	4H	14.3	14.9	14.6	15.2	15.5	14.0	14.6	14.3	14.9	15.2
	6H	14.3	14.8	14.6	15.1	15.5	14.0	14.5	14.3	14.8	15.1
	8H	14.2	14.8	14.6	15.1	15.4	13.9	14.4	14.3	14.8	15.1
	12H	14.2	14.7	14.6	15.0	15.4	13.9	14.4	14.3	14.7	15.1
4H	2H	14.0	14.6	14.3	14.9	15.2	14.3	14.9	14.6	15.2	15.5
	3H	14.6	15.1	14.9	15.4	15.8	14.6	15.1	15.0	15.4	15.8
	4H	14.7	15.1	15.1	15.5	15.9	14.7	15.1	15.1	15.5	15.9
	6H	14.6	15.0	15.1	15.4	15.8	14.7	15.0	15.1	15.4	15.9
	8H	14.6	15.0	15.1	15.4	15.8	14.6	15.0	15.1	15.4	15.8
	12H	14.6	14.9	15.0	15.3	15.8	14.6	14.9	15.0	15.3	15.8
8H	4H	14.6	15.0	15.1	15.4	15.8	14.6	15.0	15.1	15.4	15.8
	6H	14.6	14.9	15.1	15.4	15.8	14.6	14.9	15.1	15.4	15.8
	8H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8
	12H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8
12H	4H	14.6	14.9	15.0	15.3	15.8	14.6	14.9	15.0	15.3	15.8
	6H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8
	8H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8

Variations with the observer position at spacing:

S =	1.0H	0.6 / -0.8	0.6 / -0.8
	1.5H	1.5 / -2.3	1.5 / -2.3
	2.0H	2.8 / -3.0	2.8 / -3.0