

Deep Frame / Deep Minimal

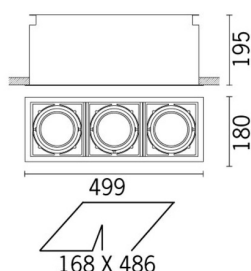
Design iGuzzini

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Last information update: August 2023

Product configuration: MG91+LED

MG91: recessed luminaire with universal joint and 3 optical assemblies - warm white active dissipation LEDs - integrated dimmable electronic control gear - spot



Product code

MG91: recessed luminaire with universal joint and 3 optical assemblies - warm white active dissipation LEDs - integrated dimmable electronic control gear - spot **Attention! Code no longer in production**

Technical description

Recessed luminaire with 3 assemblies for LED lamps with active heat dissipation system. Shaped sheet steel structural assembly. Painted metal perimeter contact frame. Die-cast aluminium universal joints, set back from the installation surface to optimise visual comfort, allow the luminaire to be adjusted $\pm 30^\circ$ relative to the horizontal and vertical axes. Die-cast aluminium optical units. Forced heat dissipation using fans with magnetic anti-friction operation guaranteeing lasting efficiency and maximum quietness, so that the performance of the lamps remains unchanged. The fans have an anti-dust protection system and thermal breaker for safety. PMMA emission optics; spot beam angle. Supplied with DALI dimmable electronic control gear units connected to the luminaire. Warm white high efficiency LEDs; CRI (Ra) > 90 .

Installation

recessed: preparation slot 168 x 486 mm; secured with manually adjustable metal brackets.

Colour

White (01) | Grey / Black (74)

Mounting

wall recessed|ceiling recessed

Wiring

connection to main power supply on boxes connected to luminaire; quick-coupling connections; each optical assembly has its own control gear, making separate switch on possible.

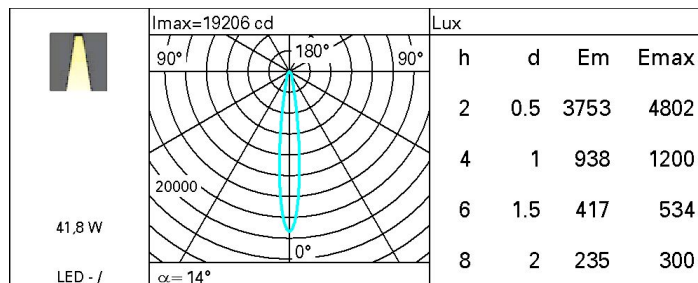
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	7291,6	Colour temperature [K]:	3000
W system:	125,3	MacAdam Step:	3
Im source:	2700	Life Time LED 1:	50.000h - L90 - B10 (Ta 25°C)
W source:	35	Ballast losses [W]:	6,8
Luminous efficiency (Im/W, real value):	58,2	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.) [%]:	90	Number of optical assemblies:	3
Beam angle [°]:	14°	Control:	DALI
CRI:	95		

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	78	73	69	66	72	69	68	65	72
1.0	82	77	74	72	76	73	73	70	77
1.5	87	84	81	79	83	80	79	76	85
2.0	90	88	86	84	86	85	84	81	90
2.5	92	90	89	87	89	87	86	84	93
3.0	93	92	91	90	90	89	88	86	95
4.0	95	94	93	92	92	91	90	87	97
5.0	95	95	94	93	93	92	91	88	98

Luminance curve limit

