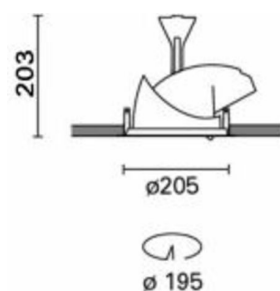


Last information update: May 2024

Product configuration: M186+L072

M186: Adjustable recessed metal halide luminaire 20 W HIT 35 W HIT 70 W HIT Flood (HIGH EFFICIENCY FIXTURE)

**Product code**M186: Adjustable recessed metal halide luminaire 20 W HIT 35 W HIT 70 W HIT Flood (HIGH EFFICIENCY FIXTURE) **Attention! Code no longer in production****Technical description**

Die-cast aluminium and thermoplastic recessed luminaire. Comprising a die-cast aluminium support rim fixed to the rotating internal casing onto which the optical assembly is hinged. The latter features a dual positioning mechanism: internal to 40° and external to 65°, with a continuous friction device and rotating to 355°. The reflector, fitted inside the optical assembly, is made of super-pure aluminium. A sheet steel rod at the top is fastened to the support rim and houses the power supply terminal board. The luminaire is recessed into false ceilings by means of appropriate steel torsion springs acting on the hinged clips. The springs are suitable for false ceilings measuring at least 0.1 mm in thickness.

Installation

Fastened to false ceilings by means of steel springs, (hole diameter 195 mm).

Colour

White (01) | Grey (15)

Mounting

ceiling recessed

Wiring

Control gear complete with capacitor for 35-70-150W M.H.; contained inside the component-holding box (codes 4468,4469,4470,4471,4472,4473), also featuring the F seal.

Notes

With high-efficiency reflector

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1338.3	CRI:	80
W system:	24	Colour temperature [K]:	3000
Im source:	1650	Voltage [Vin]:	230
W source:	20	Lamp code:	L072
Luminous efficiency (Im/W, real value):	55.8	Socket:	G8,5
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:	HIT-TC-CE
Light Output Ratio (L.O.R.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	32°		

Polar

 $\alpha = 32^\circ$	CIE nL 0.81 92-100-100-100-81 DIN A.61 UTE 0.81A+0.00T F*1=917 F*1+F*2=995 F*1+F*2+F*3=998				Lux			
	h	d	Em	E _{max}	h	d	Em	E _{max}
	2	1.1	908	1073				
	4	2.3	227	268				
	6	3.4	101	119				
	8	4.6	57	67				

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	62	60	65	62	62	59	72
1.0	74	70	67	65	69	66	66	63	78
1.5	79	76	73	71	75	72	72	69	85
2.0	81	79	77	76	78	76	76	73	90
2.5	83	81	80	79	80	79	78	76	93
3.0	84	83	82	81	82	81	80	77	95
4.0	85	84	84	83	83	82	81	79	97
5.0	86	85	84	84	84	83	82	80	98

Luminance curve limit

