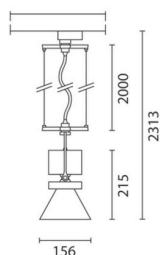


Last information update: June 2018

**Medium body spotlight - Neutral white - electronic ballast and dimmer - flood optic****Product code**

MP89

Technical description

Pendant luminaire equipped with a multiphase adapter made of die-cast aluminium and thermoplastic material. The pendant system consists of steel cables L=2000 that provide a simple mechanical anchoring system. Having been rotated and tilted, the luminaire can be locked mechanically in position to ensure efficient light aiming (even during maintenance operations). Luminaire for high output LED lamp with monochrome emission in a neutral white colour tone (4000K). Dimmable electronic ballast. Equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied, selected from directional flaps and an asymmetric screen. All external accessories rotate 360° about the spotlight longitudinal axis.

Installation

Mounted on an electrified track with a multiphase adapter.

Dimension (mm)

Ø156x215

Colour

White (01) | Grey/Black (74)

Weight (Kg)

1.45

Mounting

ceiling pendant

Wiring

The dimmable electronic components are housed in the luminaire.

Complies with EN60598-1 and pertinent regulations

**Product configuration: MP89****Product characteristics**

Total lighting output [Lm]: 2514
Total power [W]: 23.9
Luminous efficacy [Lm/W]: 105.2
Life Time: 50,000h - L80 - B10 (Ta 25°C)

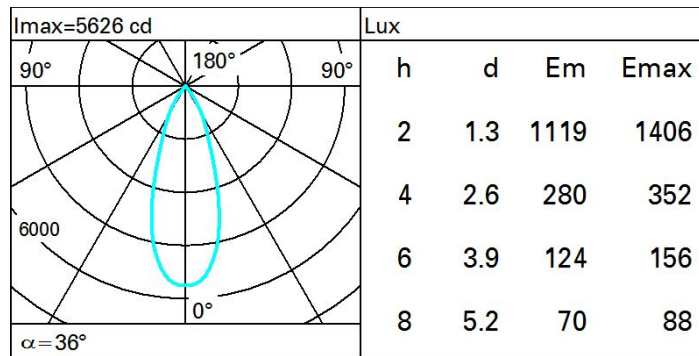
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

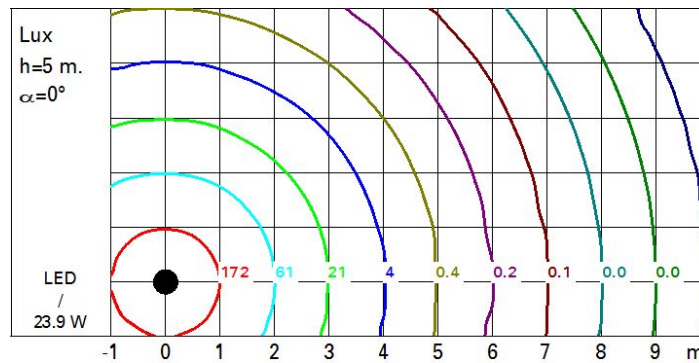
Light Output Ratio (L.O.R.) [%]: 74
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 20
Nominal luminous [Lm]: 3400
Lamp maximum intensity [cd]: /
Beam angle [°]: 36°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 3.9
Colour temperature [K]: 4000
CRI: 80
Wavelength [nm]: /
MacAdam Step: 2

Polar



Isolux



UGR diagram

Corrected UGR values (at 3400 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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	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	15.4	16.0	15.6	16.2	16.4	15.4	16.0	15.6	16.2	16.4	
	3H	15.2	15.8	15.5	16.1	16.3	15.2	15.8	15.5	16.0	16.3	
	4H	15.2	15.7	15.5	16.0	16.3	15.2	15.7	15.5	16.0	16.3	
	6H	15.1	15.6	15.4	15.9	16.2	15.1	15.6	15.4	15.9	16.2	
	8H	15.1	15.5	15.4	15.8	16.2	15.0	15.5	15.4	15.8	16.2	
	12H	15.0	15.4	15.4	15.8	16.1	15.0	15.4	15.4	15.8	16.1	
4H	2H	15.2	15.7	15.5	16.0	16.3	15.2	15.7	15.5	16.0	16.3	
	3H	15.0	15.5	15.4	15.8	16.1	15.0	15.5	15.4	15.8	16.1	
	4H	14.9	15.3	15.3	15.7	16.1	14.9	15.3	15.3	15.7	16.1	
	6H	14.8	15.2	15.3	15.6	16.0	14.8	15.2	15.3	15.6	16.0	
	8H	14.8	15.1	15.2	15.5	16.0	14.8	15.1	15.2	15.5	16.0	
	12H	14.8	15.0	15.2	15.5	15.9	14.8	15.0	15.2	15.5	15.9	
8H	4H	14.8	15.1	15.2	15.5	16.0	14.8	15.1	15.2	15.5	16.0	
	6H	14.7	15.0	15.2	15.4	15.9	14.7	15.0	15.2	15.4	15.9	
	8H	14.7	14.9	15.1	15.3	15.8	14.7	14.9	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	14.8	15.0	15.2	15.5	15.9	14.8	15.0	15.2	15.5	15.9	
	6H	14.7	14.9	15.1	15.3	15.8	14.7	14.9	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 =		5.8 / -12.8					5.8 / -12.8					
		8.6 / -14.2					8.6 / -14.2					
		10.6 / -15.7					10.6 / -15.7					