

Last information update: September 2024

Product configuration: MR98+GOBO30B

MR98: medium body spotlight - warm white LED - electronic ballast and dimmer

GOBO30B: Gobo ø30mm - min focusing

**Product code**

MR98: medium body spotlight - warm white LED - electronic ballast and dimmer

Technical description

Adjustable spotlights with adapter for installation on an electrified track. Die-cast aluminium body. 360° rotation on the vertical axis, 90° tilting relative to the horizontal plane. Aiming is performed with mechanical screw locking mechanisms, graduated scales and friction devices. Dimmable electronic ballast integrated in the product. Framing projector fitted with Ø 30 – Ø 40 mm metal gobo for round shapes and metal flaps used to shape and adjust the shape of the light beam for square and rectangular shapes. All the aiming, focus and routine maintenance operations are fully tool-free. Possibility of ordering as accessories a set of diaphragms for the emission of circular light beams, measuring 8mm and 40 mm, customized gobo made of chemically or microlaser cut metal and 24x36 mm slides.

Installation

on electrified track with double electric and mechanical coupling. The double coupling also allows for vertical installations

Colour

White (01) | Black (04)

Weight (Kg)

4.4

Mounting

wall surface|ceiling surface

Wiring

Electronic components housed in the luminaire

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	960	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	32.8	Lamp code:	LED
lm source:	3200	Number of lamps for optical assembly:	1
W source:	30	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	29.3	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	22 A / 260 µs
Light Output Ratio (L.O.R.) [%]:	30	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 15 luminaires B16A: 24 luminaires C10A: 24 luminaires C16A: 40 luminaires
CRI (minimum):	97	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000	Control:	Completo di dimmer
MacAdam Step:	2		

Polar

Imax=11085 cd		Lux			
90°	180°	h	d	Em	Emax
		2	0.7	2234	2710
		4	1.4	558	677
		6	2.1	248	301
		8	2.8	140	169
α = 20°					