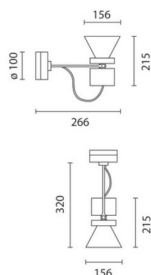


Last information update: May 2024

Product configuration: MR02

MR02: Medium body spotlight - Neutral white - electronic ballast and dimmer - flood optic

**Product code**MR02: Medium body spotlight - Neutral white - electronic ballast and dimmer - flood optic **Attention! Code no longer in production****Technical description**

Spotlight made of die-cast aluminium and thermoplastic material. The luminaire can be rotated by 340° about the vertical axis and tilted by +/- 100° in relation to the horizontal plane. Hi-precision beam aiming is guaranteed by screw-operated mechanical locks, graduated scales and friction controls. The spotlight is equipped with a die-cast aluminium ballast unit for wall or ceiling mounting. 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

Wall or ceiling-mounted.

Colour

White (01) | Grey (15)

Weight (Kg)

0.9

Mounting

wall arm|wall surface|ceiling surface

Wiring

The dimmable electronic components are housed in the luminaire.

Complies with EN60598-1 and pertinent regulations

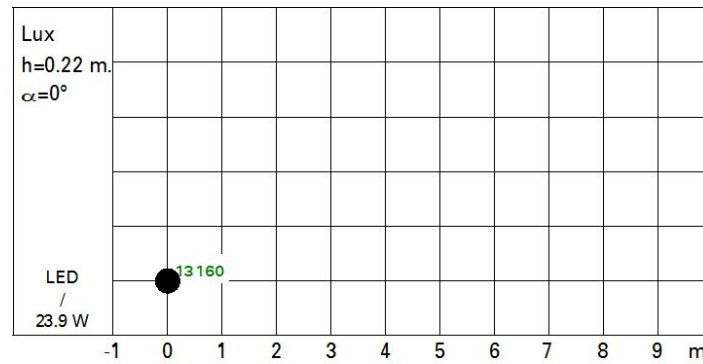
**Technical data**

lm system:	2514	CRI (minimum):	80
W system:	23.9	Colour temperature [K]:	4000
lm source:	3400	MacAdam Step:	2
W source:	20	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	105.2	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.) [%]:	74	Number of optical assemblies:	1
Beam angle [°]:	36°	Control:	Completo di dimmer

Polar

Imax=5626 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	1.3	1119 1406
			4	2.6	280 352
			6	3.9	124 156
			8	5.2	70 88
α = 36°					

Isolux



UGR diagram

Corrected UGR values (at 3400 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling		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 crosswise					viewed endwise				
x	y										
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 =		1.0H	5.8 / -12.8					5.8 / -12.8			
		1.5H	8.6 / -14.2					8.6 / -14.2			
		2.0H	10.6 / -15.7					10.6 / -15.7			