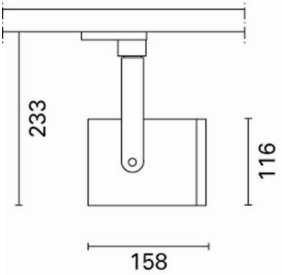


Design iGuzzini iGuzzini



MK96: Spotlight - Small body - LED Neutral White - Electronic ballast - Flood Optic

MK96: Spotlight - Small body - LED Neutral White - Electronic ballast - Flood Optic **Attention! Code no longer in production**

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with ballast. The luminaire comes complete with LED unit with flood optic in a neutral white tone.

Installation

On an electrified track

Weight (Kg)
1.18

three circuit track

Wiring
Electronic components housed in the luminaire

Complies with EN60598-1 and pertinent regulations



Im system:	2382	CRI (minimum):	80
W system:	23.2	Colour temperature [K]:	4000
Im source:	3100	MacAdam Step:	2
W source:	21	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	102.5	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.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	30°		

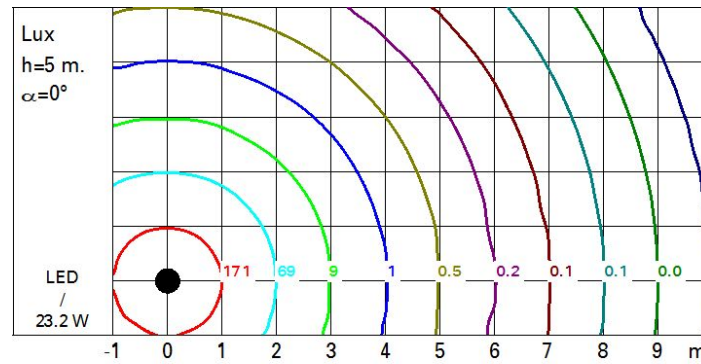
I _{max} =7265 cd		Lux				
90°	180°	90°	h	d	Em	E _{max}
			2	1.1	1356	1816
			4	2.1	339	454
			6	3.2	151	202
			8	4.3	85	114

7500

0°

α=30°

Isolux



UGR diagram

Corrected UGR values (at 3100 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/cav		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	10.5	11.1	10.8	11.4	11.6	10.5	11.1	10.8	11.4	11.6
	3H	10.6	11.1	10.9	11.4	11.6	10.5	11.0	10.8	11.3	11.6
	4H	10.6	11.1	10.9	11.3	11.6	10.5	10.9	10.8	11.2	11.5
	6H	10.6	11.0	10.9	11.3	11.6	10.4	10.8	10.7	11.1	11.5
	8H	10.6	11.0	10.9	11.3	11.6	10.4	10.8	10.7	11.1	11.4
	12H	10.5	11.0	10.9	11.3	11.6	10.3	10.7	10.7	11.1	11.4
4H	2H	10.5	10.9	10.8	11.2	11.5	10.6	11.1	10.9	11.3	11.6
	3H	10.5	10.9	10.9	11.3	11.6	10.6	11.0	10.9	11.3	11.7
	4H	10.5	10.9	10.9	11.3	11.7	10.5	10.9	10.9	11.3	11.7
	6H	10.6	10.9	11.0	11.3	11.7	10.5	10.8	10.9	11.2	11.6
	8H	10.6	10.9	11.0	11.3	11.7	10.5	10.8	10.9	11.2	11.6
	12H	10.6	10.8	11.0	11.3	11.7	10.4	10.7	10.9	11.1	11.6
8H	4H	10.5	10.8	10.9	11.2	11.6	10.6	10.9	11.0	11.3	11.7
	6H	10.5	10.8	11.0	11.2	11.7	10.6	10.8	11.0	11.3	11.7
	8H	10.6	10.8	11.0	11.2	11.7	10.6	10.8	11.0	11.2	11.7
	12H	10.6	10.7	11.1	11.2	11.7	10.5	10.7	11.0	11.2	11.7
12H	4H	10.4	10.7	10.9	11.1	11.6	10.6	10.8	11.0	11.3	11.7
	6H	10.5	10.7	11.0	11.2	11.7	10.6	10.8	11.0	11.2	11.7
	8H	10.5	10.7	11.0	11.2	11.7	10.6	10.7	11.1	11.2	11.7
Variations with the observer position at spacing:											
S =		1.0H	4.2 / -3.7				4.2 / -3.7				
		1.5H	6.8 / -4.6				6.8 / -4.6				
		2.0H	8.7 / -5.1				8.7 / -5.1				