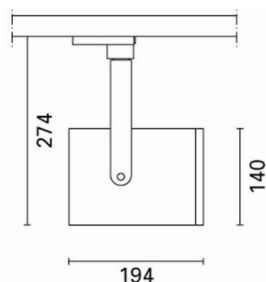


Design iGuzzini iGuzzini



MK86: Spotlight - Large body - LED Warm White - Electronic ballast -Flood Optic

MK86: Spotlight - Large body - LED Warm 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 warm white tone.

On an electrified track

White (01) | Black (04) | Grey / Black (74)

2

three circuit track

Electronic components housed in the luminaire

Complies with EN60598-1 and pertinent regulations

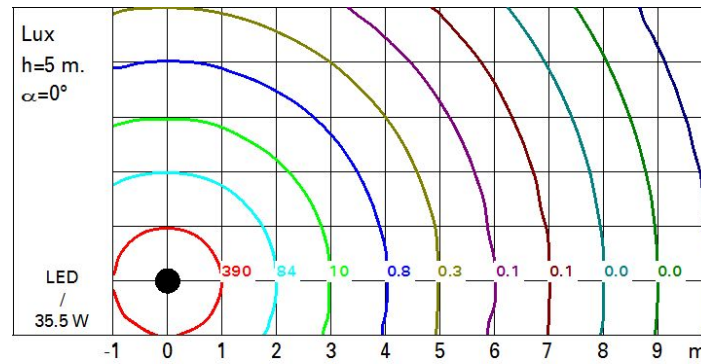


Im system:	4020	CRI (minimum):	80
W system:	35.5	Colour temperature [K]:	3000
Im source:	5100	MacAdam Step:	2
W source:	33	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	113.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	30°		

Lux	h	d	Em	E _{max}
2	1.1	2772	3285	
4	2.1	693	821	
6	3.2	308	365	
8	4.3	173	205	

$\alpha = 30^\circ$

Isolux



UGR diagram

Corrected UGR values (at 5100 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	4.3	4.8	4.6	5.0	5.3	4.3	4.8	4.6	5.0	5.3
	3H	4.5	5.0	4.8	5.2	5.5	4.3	4.7	4.6	5.0	5.3
	4H	4.6	5.0	4.9	5.3	5.6	4.3	4.7	4.6	5.0	5.3
	6H	4.7	5.1	5.1	5.5	5.8	4.2	4.6	4.6	4.9	5.3
	8H	4.8	5.2	5.1	5.5	5.8	4.2	4.6	4.6	4.9	5.2
	12H	4.8	5.2	5.2	5.5	5.9	4.2	4.5	4.5	4.9	5.2
4H	2H	4.3	4.7	4.6	5.0	5.3	4.6	5.0	4.9	5.3	5.6
	3H	4.6	4.9	4.9	5.3	5.6	4.7	5.1	5.1	5.4	5.8
	4H	4.8	5.1	5.2	5.5	5.8	4.8	5.1	5.2	5.5	5.8
	6H	5.0	5.3	5.4	5.7	6.1	4.8	5.1	5.2	5.5	5.9
	8H	5.1	5.4	5.5	5.8	6.2	4.8	5.1	5.2	5.5	5.9
	12H	5.1	5.4	5.6	5.8	6.3	4.8	5.0	5.2	5.4	5.9
8H	4H	4.8	5.1	5.2	5.5	5.9	5.1	5.4	5.5	5.8	6.2
	6H	5.1	5.4	5.6	5.8	6.3	5.2	5.4	5.7	5.9	6.4
	8H	5.3	5.5	5.8	5.9	6.4	5.3	5.5	5.8	5.9	6.4
	12H	5.4	5.6	5.9	6.0	6.6	5.3	5.5	5.8	6.0	6.5
12H	4H	4.8	5.0	5.2	5.4	5.9	5.1	5.4	5.6	5.8	6.3
	6H	5.1	5.3	5.6	5.8	6.3	5.3	5.5	5.8	6.0	6.5
	8H	5.3	5.5	5.8	6.0	6.5	5.4	5.6	5.9	6.0	6.6
Variations with the observer position at spacing:											
S =		1.0H	3.9 / -2.1				3.9 / -2.1				
		1.5H	6.3 / -2.5				6.3 / -2.5				
		2.0H	8.2 / -2.7				8.2 / -2.7				