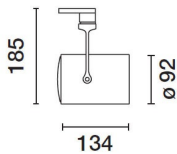


Last information update: June 2023

Product configuration: P037

P037: spotlight- warm white - 30° optic

**Product code**P037: spotlight- warm white - 30° optic **Attention! Code no longer in production****Technical description**

Adjustable spotlight with adapter for installation on a mains voltage track. Die-cast aluminium optical assembly and brackets, the back of the product is slightly rounded and made of a thermoplastic material. 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 electronic ballast. Luminaire complete with C.O.B. technology LED unit in warm white colour 3000K. Option of installing a flat accessory that can be either an elliptical distribution refractor, a soft lens filter or a louver.

Installation

on an electrified track or special base

Colour

White (01) | Black (04) | White / Chrome (E4)

Weight (Kg)

0.95

Mounting

three circuit track

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



IP20

IP40

for optical assembly

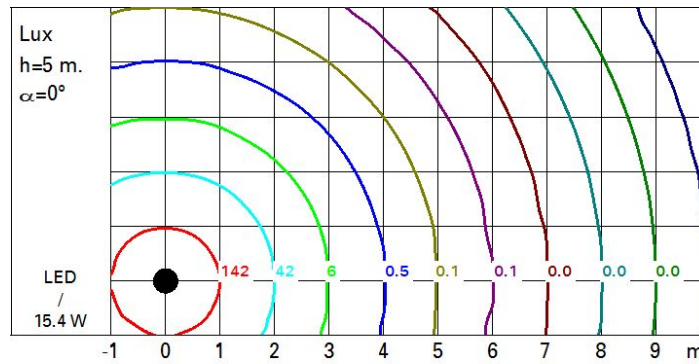
**Technical data**

Im system:	1676.4	CRI:	80
W system:	15.4	Colour temperature [K]:	3000
Im source:	2100	MacAdam Step:	2
W source:	13	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	108.9	Ballast losses [W]:	2.4
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	80	ZVEI Code:	LED
Beam angle [°]:	32°	Number of optical assemblies:	1

Polar

Imax=5165 cd		Lux				
90°	180°	90°	h	d	Em	Emax
			2	1.1	1020	1291
			4	2.3	255	323
			6	3.4	113	143
			8	4.6	64	81
			alpha=32°			

Isolux



UGR diagram

Corrected UGR values (at 2100 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											
x	y										
2H	2H	7.5	8.1	7.8	8.3	8.5	7.5	8.1	7.8	8.3	8.5
	3H	7.5	8.0	7.8	8.3	8.5	7.4	7.9	7.7	8.2	8.5
	4H	7.5	7.9	7.8	8.2	8.5	7.4	7.8	7.7	8.1	8.4
	6H	7.4	7.9	7.8	8.2	8.5	7.3	7.7	7.7	8.0	8.4
	8H	7.4	7.8	7.8	8.1	8.5	7.3	7.7	7.6	8.0	8.3
	12H	7.4	7.8	7.7	8.1	8.4	7.2	7.6	7.6	8.0	8.3
4H	2H	7.4	7.8	7.7	8.1	8.4	7.5	7.9	7.8	8.2	8.5
	3H	7.4	7.8	7.8	8.1	8.5	7.4	7.8	7.8	8.1	8.5
	4H	7.4	7.7	7.8	8.1	8.5	7.4	7.7	7.8	8.1	8.5
	6H	7.3	7.6	7.8	8.0	8.5	7.3	7.6	7.7	8.0	8.4
	8H	7.3	7.6	7.7	8.0	8.4	7.3	7.6	7.7	8.0	8.4
	12H	7.3	7.5	7.7	7.9	8.4	7.2	7.5	7.7	7.9	8.4
8H	4H	7.3	7.6	7.7	8.0	8.4	7.3	7.6	7.7	8.0	8.4
	6H	7.3	7.5	7.7	7.9	8.4	7.3	7.5	7.7	7.9	8.4
	8H	7.2	7.4	7.7	7.9	8.4	7.2	7.4	7.7	7.9	8.4
	12H	7.2	7.4	7.7	7.8	8.4	7.2	7.4	7.7	7.8	8.4
12H	4H	7.2	7.5	7.7	7.9	8.4	7.3	7.5	7.7	7.9	8.4
	6H	7.2	7.4	7.7	7.9	8.4	7.2	7.4	7.7	7.9	8.4
	8H	7.2	7.4	7.7	7.8	8.4	7.2	7.4	7.7	7.8	8.4
Variations with the observer position at spacing:											
S =		1.0H	5.7 / -5.7				5.7 / -5.7				
		1.5H	8.4 / -6.5				8.4 / -6.5				
		2.0H	10.4 / -6.9				10.4 / -6.9				