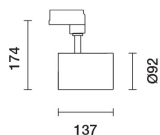


Last information update: June 2025

Product configuration: R271.01

R271.01: body Ø 92 mm - 3000K - flood optic - White



Product code

R271.01: body Ø 92 mm - 3000K - flood optic - White **Attention! Code no longer in production**

Technical description

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. Equipped with electronic ballast. Luminaire complete with C.O.B. technology LED unit in warm white colour 3000K. Anti-scratch reflector made of P.V.D (physical vapour deposition) aluminium that can provide optimum performance in terms of light efficiency. Flood optic. Possibility of installing a flat accessory, like a glass cover or an elliptical distribution refractor. Interchangeable reflectors that can be ordered as an accessory.

Installation

On an electrified track or special base

Colour

White (01)

Weight (Kg)

0.78

Mounting

three circuit track

Wiring

Product complete with electronic components

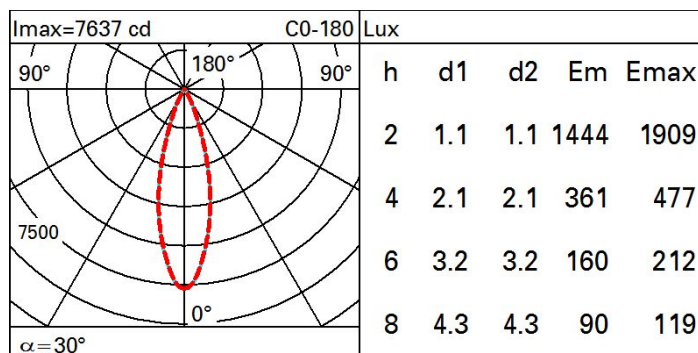
Complies with EN60598-1 and pertinent regulations



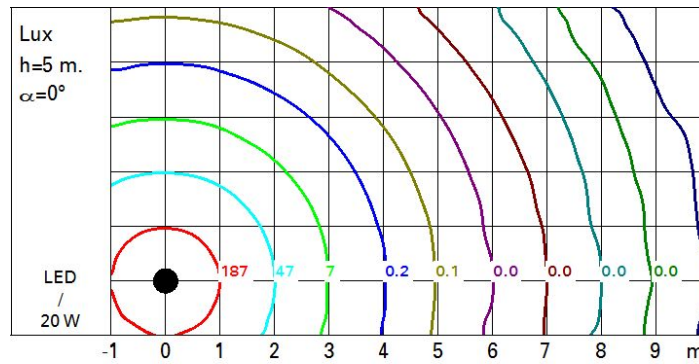
Technical data

lm system:	2106	CRI (minimum):	90
W system:	20	Colour temperature [K]:	3000
lm source:	2340	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	105.3	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.) [%]:	90	Number of optical assemblies:	1
Beam angle [°]:	29°	Control:	On/off

Polar



Isolux



UGR diagram

Corrected UGR values (at 2340 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	5.5	6.0	5.8	6.3	6.5	5.0	5.6	5.3	5.8	6.0
	3H	5.4	5.9	5.7	6.1	6.4	4.9	5.4	5.2	5.6	5.9
	4H	5.3	5.8	5.7	6.0	6.3	4.8	5.3	5.2	5.6	5.9
	6H	5.2	5.7	5.6	6.0	6.3	4.8	5.2	5.1	5.5	5.8
	8H	5.2	5.6	5.6	5.9	6.3	4.7	5.1	5.1	5.4	5.8
	12H	5.2	5.5	5.5	5.9	6.2	4.7	5.1	5.1	5.4	5.8
4H	2H	5.3	5.8	5.6	6.0	6.3	4.8	5.3	5.2	5.6	5.9
	3H	5.2	5.6	5.6	5.9	6.2	4.7	5.1	5.1	5.4	5.8
	4H	5.1	5.4	5.5	5.8	6.2	4.6	5.0	5.0	5.3	5.7
	6H	5.0	5.3	5.4	5.7	6.1	4.5	4.8	5.0	5.2	5.6
	8H	5.0	5.2	5.4	5.6	6.1	4.5	4.8	4.9	5.2	5.6
	12H	4.9	5.2	5.4	5.6	6.0	4.4	4.7	4.9	5.1	5.6
8H	4H	5.0	5.2	5.4	5.6	6.1	4.5	4.8	4.9	5.2	5.6
	6H	4.9	5.1	5.3	5.5	6.0	4.4	4.6	4.9	5.1	5.5
	8H	4.8	5.0	5.3	5.5	6.0	4.3	4.5	4.8	5.0	5.5
	12H	4.8	4.9	5.3	5.4	5.9	4.3	4.5	4.8	4.9	5.5
12H	4H	4.9	5.2	5.4	5.6	6.0	4.4	4.7	4.9	5.1	5.6
	6H	4.8	5.0	5.3	5.5	6.0	4.3	4.5	4.8	5.0	5.5
	8H	4.8	4.9	5.3	5.4	5.9	4.3	4.5	4.8	4.9	5.5
Variations with the observer position at spacing:											
S =		1.0H	6.9 / -11.0				6.9 / -11.3				
		1.5H	9.7 / -12.9				9.7 / -13.2				
		2.0H	11.7 / -14.7				11.7 / -15.2				