

Last information update: April 2024

Product configuration: P648

P648: medium body - neutral white - wall washer optic

**Product code**

P648: medium body - neutral white - wall washer optic

Technical description

Adjustable spotlight with adapter for installation on electrified track for a linear PCB LED lamp with a Neutral White (4,000K) tone. Product complete with super pure anodized aluminium reflector to guarantee wall washer light distribution for vertical downlight wall illumination. Electronic ballast integrated in the body. Die-cast aluminium optical assembly. Rotates 360° about the vertical axis and tilts 90° relative to the horizontal plane. Passive heat dissipation. Option of installing an accessory asymmetric screen.

Installation

On an electrified track or base

Colour

Black (04) | Black / White (47)

Weight (Kg)

1.35

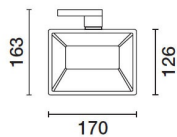
Mounting

three circuit track|ceiling surface

Wiring

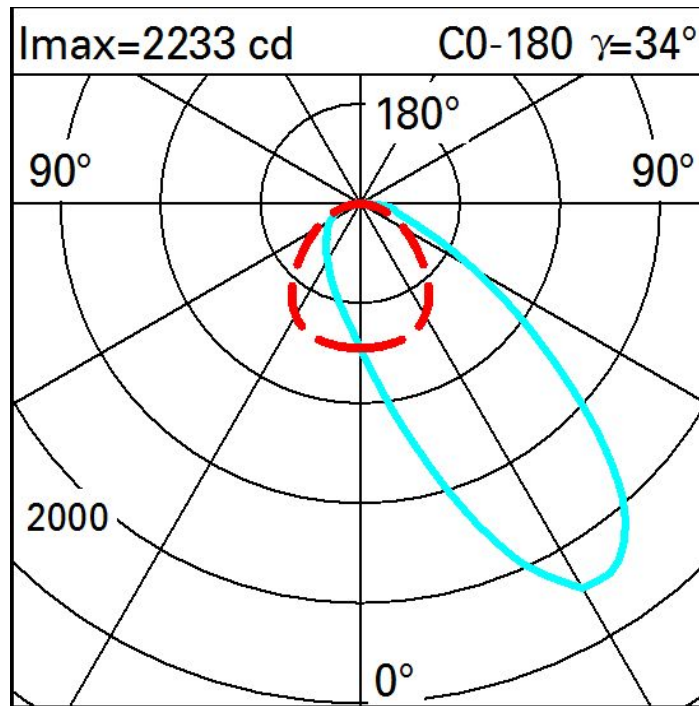
Product complete with electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2840	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	33.4	Lamp code:	LED
Im source:	3550	Number of lamps for optical assembly:	1
W source:	30	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	85	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	9 A / 22 µs
Light Output Ratio (L.O.R.) [%]:	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	4000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	2	Control:	DALI-2

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	5	11	27	73	191	298	191	73	27	11	5			
2	9	20	54	159	414	599	414	159	54	20	9			
	13	29	72	177	326	407	326	177	72	29	13			
1	16	32	65	120	177	200	177	120	65	32	16			
	16	29	49	73	94	99	94	73	49	29	16			
0														
	m	-2	-1	0	1	2	3							