

Last information update: April 2024

Product configuration: P649

P649: medium body - warm white - wall washer optic

**Product code**

P649: medium body - warm white - wall washer optic

Technical description

Adjustable spotlight with adapter for installation on electrified track for a linear PCB LED lamp with a Warm White (3000K) tone. Product complete with super pure anodized aluminium reflector to guarantee wall washer light distribution for vertical downlight wall illumination. DALI 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

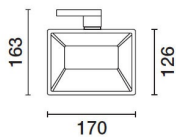
Product complete with electronic components

Complies with EN60598-1 and pertinent regulations



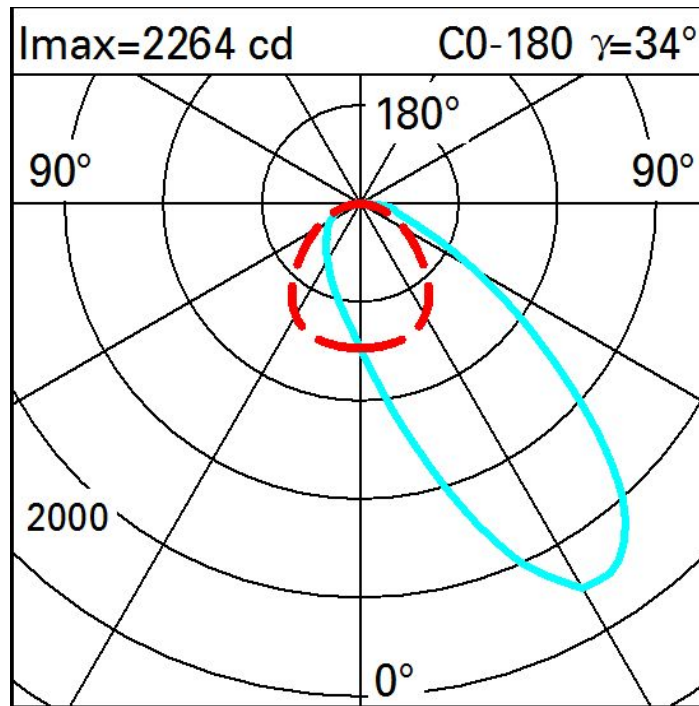
IP20

IP40

for optical
assembly**Technical data**

Im system:	2880	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	37.6	Lamp code:	LED
Im source:	3600	Number of lamps for optical assembly:	1
W source:	34	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	76.6	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]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	2	Control:	DALI-2

Polar



Illuminances

Lux												Wall distance = 1m											
3																							
	6	12	27	74	194	302	194	74	27	12	6												
2	9	20	54	161	419	607	419	161	54	20	9												
	13	29	73	179	331	413	331	179	73	29	13												
1	16	32	66	122	180	203	180	122	66	32	16												
	16	29	49	74	95	101	95	74	49	29	16												
0																							
	m	-2	-1	0	1	2	3																