

Last information update: May 2018

**medium body - neutral white - wall washer optic****Product code**

P648

**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

**Dimension (mm)**

170x126

**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

**Product configuration: P648****Product characteristics**

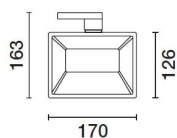
Total lighting output [Lm]: 2400  
 Total power [W]: 33.4  
 Luminous efficacy [Lm/W]: 71.9  
 Life Time: 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Number of optical assemblies: 1

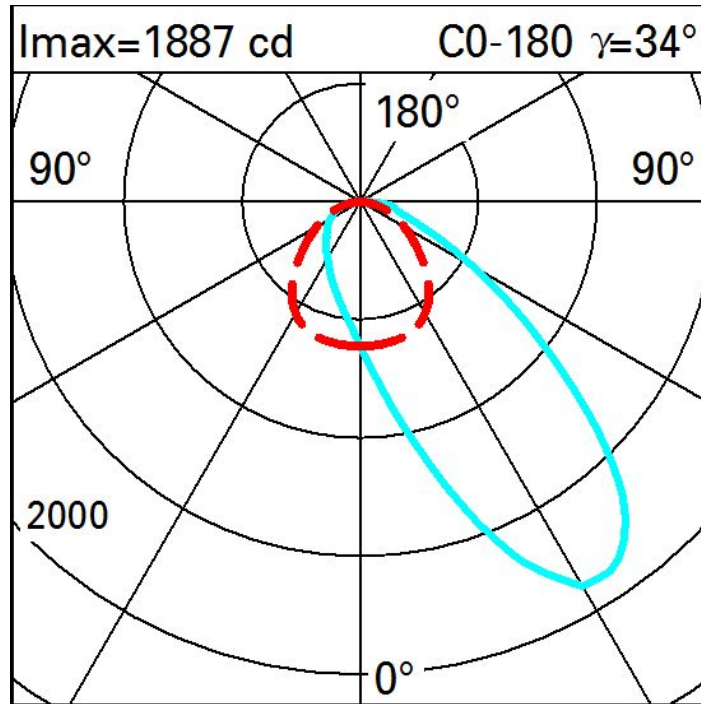
**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 80  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 29  
 Nominal luminous [Lm]: 3000  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: /

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 4.4  
 Colour temperature [K]: 4000  
 CRI: 80  
 Wavelength [Nm]: /  
 MacAdam Step: 2



Polar



Illuminances

Lux		Wall distance = 1m											
3													
	3	6	12	30	69	125	127	61	26	12	7		
2	4	8	17	35	69	136	211	135	55	22	10		
	5	9	15	27	50	93	157	149	82	37	16		
1	5	7	12	20	32	54	87	102	77	45	23		
	4	6	9	14	21	32	48	61	58	43	26		
0													
	m	-2	-1	0	1	2	3						