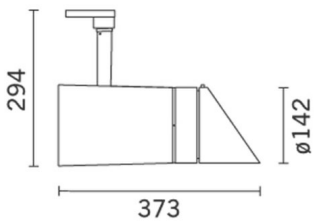


february 2017

**Palco****code**  
P249**Technical description**

Adjustable spotlight with adapter for installation on DALI electrified track for high output LED lamp with monochrome emission in a warm White (3000K) tone. Wall-washer optic. DALI ballast integrated in the product. Luminaire made of die-cast aluminium and thermoplastic material, allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. The luminaire has mechanical aiming locks for both movements, operated using the same tool on two screws, one at the side of the rod and one on the adapter for the track. Graduated scale for aiming and rotation around the horizontal axis. Passive heat dissipation. Spotlight with standard wall-washer asymmetric screen for a uniform wall washing effect from the top down. Reflector in superpure mirrored aluminium with special faceting that improves the distribution of the light beam (OPTIBEAM).

**Installation**

on a DALI electrified track

**Size (mm)**

Ø142x294

**Colour**

White (01) | Black (04)

**Weight (kg)**

3.13

**Mounting**

three circuit track | wall surface | ceiling surface

**Wiring info**

electronic components housed in the luminaire

Complies with EN60598-1 and pertinent regulations

**IP20****ERC****Product configuration: P249+LED**

LED: LED Warm White

**Product characteristics**

Total lighting output [Lm]: 2150  
Total power [W]: 43  
Luminous efficacy (lm/W, real value): 50  
Number of optical assemblies: 1

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

**Optical assembly Characteristics 1**

Light Output Ratio (L.O.R.) [%]: 43  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 43  
Nominal luminous [Lm]: 5000  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 0  
Colour temperature [K]: 3000  
CRI: 80  
Wavelength [nm]: /  
MacAdam Step: <3

Figure 1 is a contour plot showing the distribution of Lux values across a spatial domain. The x-axis is labeled 'm' and ranges from -2 to 3. The y-axis is labeled 'Lux' and ranges from 0 to 3. The plot displays a grid of numerical values representing Lux at various spatial locations. A black dot is placed at the location (0, 3).

Lux \ m	-2	-1	0	1	2	3
3	6	10	21	47	81	49
2	10	20	41	79	121	113
1	13	24	40	62	80	82
0	14	21	30	41	52	67
	12	16	22	28	39	57