# Palco

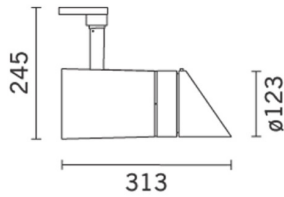**Design Artec3 Studio**                                   **iGuzzini**

Last information update: May 2018

**medium body spotlight - neutral white LED - DALI ballast - wall-washer optic**

**Product code**
P245

**Technical description**
Adjustable spotlight with adapter for installation on DALI mains electrified track for high output LED lamp with monochrome emission in a Neutral White (4000K) 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

**Dimension (mm)**
Ø123x245

**Colour**
White (01) | Black (04)

**Weight (Kg)**
2.16

**Mounting**
three circuit track|wall surface|ceiling surface

**Wiring**
electronic components housed in the luminaire

Complies with EN60598-1 and pertinent regulations

IP20

**Product configuration: P245**

**Product characteristics**

| | |
|---|---|
| Total lighting output [Lm]: 1640 | Total luminous flux at or above an angle of 90° [Lm]: 1 |
| Total power [W]: 33.4 | Emergency luminous flux [Lm]: / |
| Luminous efficacy [Lm/W]: 49.1 | Voltage [V]: - |
| Life Time: > 50,000h - L80 - B10 (Ta 25°C) | Number of optical assemblies: 1 |

**Optical assembly Characteristics  Type 1**

| | |
|---|---|
| Light Output Ratio (L.O.R.) [%]: 41 | Number of lamps for optical assembly: 1 |
| Lamp code: LED | Socket: / |
| ZVEI Code: LED | Ballast losses [W]: 4.4 |
| Nominal power [W]: 29 | Colour temperature [K]: 4000 |
| Nominal luminous [Lm]: 4000 | CRI: 80 |
| Lamp maximum intensity [cd]: / | Wavelength [Nm]: / |
| Beam angle [°]: / | MacAdam Step: 2 |

**Polar**

Imax=2323 cd          C0-180

180°

90°          90°

2500

0°
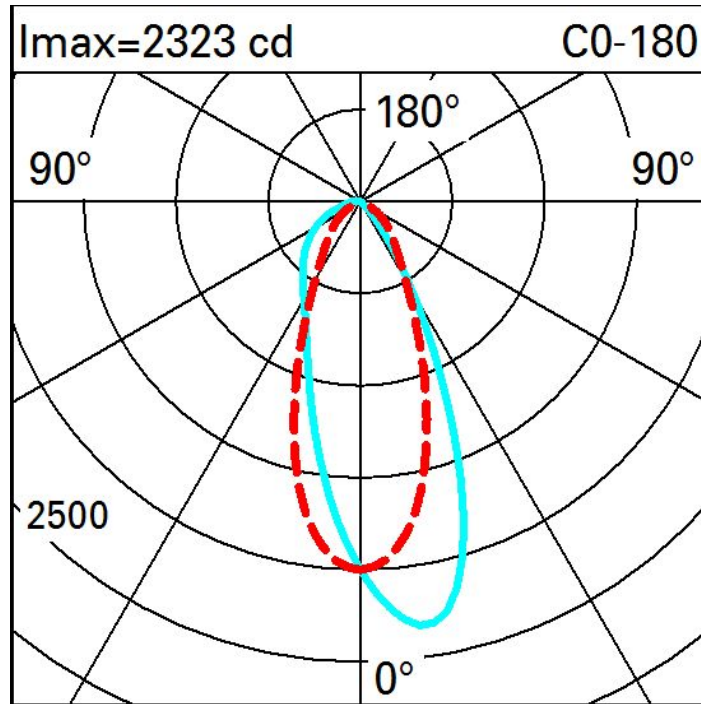
**Illuminances**

| Lux | | | | | | Wall distance = 1m | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 6 | 13 | 30 | 52 | 32 | 2 | | | | |
| 6 | 13 | 27 | 53 | 83 | 81 | 26 | 2 | | | |
| 9 | 15 | 27 | 45 | 63 | 66 | 41 | 12 | 2 | 0.1 | |
| 9 | 14 | 22 | 33 | 46 | 58 | 44 | 19 | 5 | 0.9 | 0.1 |
| 8 | 12 | 17 | 25 | 34 | 47 | 41 | 23 | 9 | 3 | 0.5 |

m      -2      -1      0      1      2      3