PABLO iris

180-5410138

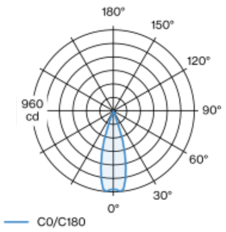
Project / Type

Notes

Count / Date

Track light made of die-cast aluminium; surface jet black powder coated; 360° rotatable and 310° tiltable; converter installed in aluminium spotlight housing; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 95; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; contoured spotlight for precise circular shape; easy adjustment by iris-shaped shielding device made of stainless steel; including high quality bi-convex glass lens; sharp object focusing through adjustable lens; focusing by means of rubberised adjusting ring on the spotlight head; degree of protection IP20; PC1; 220-240 V; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation by means of set screw; incl. DALI-2 converter; point outlet, either in surface mounted housing or recessed housing, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

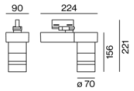
Light distribution



framing 32°

h (m)	E0° (lx)	ø (m)
1	929	0.57
2	232	1.13
3	103	1.70
4	58	2.26
5	37	2.83

Product drawing



General

Ceiling | Track
tilt max 310°
rotation 360°
jet black | RAL 9005
IP20
231 lm

LED

4000 K
CRI ≥ 95
L85 / 50000h
initial MacAdam ≤ 2 SDCM
R_g: 98 | R_f: 91 | $R_{f\{1\text{-}15\}}$: 96
MR 0.85 | MDER 0.77

Optical

framing | beam angle 32°
PstLM ≤ 1.0 [1] | SVM ≤ 0.4 [1]

Electrical

DALI-2 | 1 DALI Addr.
PC1 | 220-240 V
system 14.0 W
system 17 lm/W [2]

Physical

diameter 70 mm | height 156 mm
1 kg
set screw (tool required)

[1] Value of containing product at full load (undimmed)
[2] incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

Lighting calculator

['180-5410138'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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