

PABLO focus

180-5221137



Project / Type

Notes

Count / Date



General

Ceiling | Track

tilt max 310°

rotation 360°

traffic white | RAL 9016

IP20

754¹-1280² lm

LED

4000 K

CRI ≥ 95

L90 | 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 | R_f: 91 | R_(f-15): 96

MR 0.85 | MDER 0.77

Optical

focus | beam angle 17°¹-47°²

PstLM ≤ 1.0² 1³ | SVM ≤ 0.4² 1³

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 23.0 W

system 33¹-56² lm/W ⁴

Physical

diameter 70 mm | height 106 mm

0.9 kg

tool-free fixation

Track light made of die-cast aluminium; surface traffic white 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. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality plano-convex glass lens; precise object focusing through adjustable lens; adjustable beam angle of 17° - 47°; 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 without tools by means of knurled 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



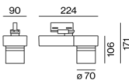
focus 47°

h (m)	E0° (lx)	ø (m)
1	2210	0.87
2	550	1.74
3	250	2.60
4	140	3.47
5	90	4.34

focus 17°

h (m)	E0° (lx)	ø (m)
1	5380	0.30
2	1350	0.60
3	600	0.89
4	340	1.19
5	220	1.49

Product drawing



Installation instructions



Lighting calculator



[180-5221137] 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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