

PABLO focus

180-5210137



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 310°

rotation 360°

white , RAL 9016 ¹

IP20

508²-862³ lm

LED

4000 K

CRI ≥ 95

L90 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_f: 91 , R₍₁₋₁₅₎: 95

MR 0.85

MDER 0.77

Optical

focus

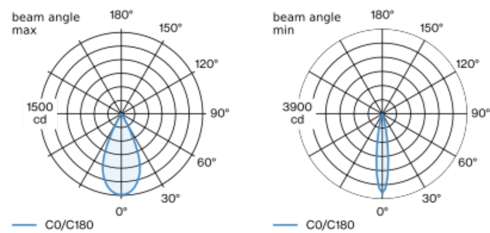
beam angle 17°²-47°³

PstLM ≤ 1.0² 3 4

SVM ≤ 0.4² 3 4

Track light made of die-cast aluminium; surface 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 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



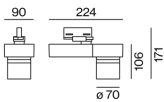
focus 47°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 1490 | 0.87 |
| 2 | 370 | 1.74 |
| 3 | 170 | 2.60 |
| 4 | 90 | 3.47 |
| 5 | 60 | 4.34 |

focus 17°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 3630 | 0.30 |
| 2 | 910 | 0.60 |
| 3 | 400 | 0.89 |
| 4 | 230 | 1.19 |
| 5 | 150 | 1.49 |

Product drawing



Electrical

DALI-2

220-240 V

system 14.0 W

system 36²-62³ lm/W⁵

PC1

1 DALI Addr.

Physical

diameter 70 mm

height 106 mm

0.9 kg

set screw (tool required)

¹ RAL code ² beam angle min ³ beam angle max
⁴ Value of containing product at full load (undimmed)
⁵ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Installation instructions



Lighting calculator



[180-5210137] 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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