

PABLO tunable white

180-5610D37M



Project / Type _____

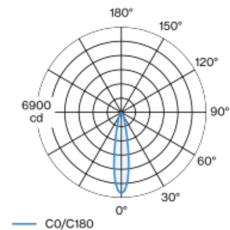
Notes _____

Count / Date _____



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: tunable white diodes (2700-5000 K); binning initial MacAdam ≤ 3 SDCM; CRI ≥ 98 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality aluminium reflector with spherical reflector; high gloss anodised; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 20° beam; installed and exchanged without tools; optical attachments available as accessories; degree of protection IP20; PC1 220-240V; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation by means of set screw; incl. DALI-2 / DT8 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;

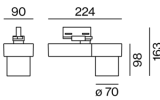
Light distribution



medium 20°

h (m)	E0° (lx)	ø (m)
1	6560	0.36
2	1640	0.72
3	730	1.07
4	410	1.43
5	260	1.79

Product drawing



General

Ceiling , Track _____

tilt max 310° _____

rotation 360° _____

white , RAL9016 ¹ _____

IP20 _____

1270 lm _____

LED

tunable white _____

2700 K - 5000 K _____

CRI ≥ 98 _____

L85 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

R_g: 100 , R_f: 97 , R₍₁₋₁₅₎: 98 _____

MR 1.02 _____

MDER 0.93 _____

Optical

medium _____

beam angle 20° _____

Electrical

DALI-2 DT8 _____

31 W _____

PC1 220-240V _____

41 lm/W _____

inset 62 lm/W _____

2 DALI Addr. _____

Physical

diameter 70 mm _____

height 98 mm _____

0.95 kg _____

set screw (tool required) _____

¹ RAL code

Installation instructions



Lighting calculator



['180-5610D37M'] 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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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.961	0.936	0.911	0.887	0.863
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Mounting accessories

RECESSED HOUSING

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
point outlet	traffic white	151	186-072277
point outlet	jet black	151	186-072278



SURFACE HOUSING

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
point outlet	traffic white	120	186-072287
point outlet	jet black	120	186-072288



Optical accessories

SNOOT

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	62	080-5900008



HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	61	080-5900018

