

# PABLO tunable white

180-5620D37M



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Track \_\_\_\_\_

tilt max 310° \_\_\_\_\_

rotation 360° \_\_\_\_\_

white , RAL9016 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

1270 lm \_\_\_\_\_

## LED

tunable white \_\_\_\_\_

2700 K - 5000 K \_\_\_\_\_

CRI ≥ 98 \_\_\_\_\_

L85 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

R<sub>g</sub>: 100 , R<sub>f</sub>: 97 , R<sub>f(1-15)</sub>: 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

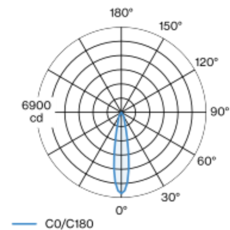
diameter 70 mm \_\_\_\_\_

height 98 mm \_\_\_\_\_

0.95 kg \_\_\_\_\_

tool-free fixation \_\_\_\_\_

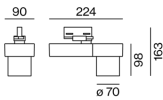
## Light distribution



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



<sup>1</sup> RAL code

## Installation instructions



## Lighting calculator



[180-5620D37M] 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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

