

PABLO basic

180-5120688V



Project / Type

Notes

Count / Date



General

Ceiling | Track

tilt max 310°

rotation 360°

jet black | RAL 9005

IP20

681 lm

LED

4000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 94 | R_f: 87 | R_{t(1-5)}: 90

MR 0.86 | MDER 0.78

Optical

super spot | beam angle 6°

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹

Electrical

DIM POTI

PC1 | 220-240 V

system 10.9 W

system 62 lm/W ²

Physical

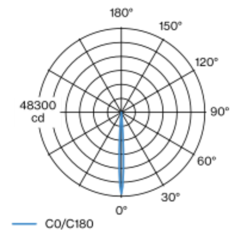
diameter 70 mm | height 98 mm

0.9 kg

tool-free fixation

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

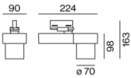
Light distribution



super spot 6°

h (m)	E0° (lx)	ø (m)
1	46800	0.10
2	11700	0.21
3	5200	0.31
4	2900	0.41
5	1900	0.51

Product drawing



Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.92	0.89	0.86
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 Factor	

^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.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	31
B13	40
B16	50
B20	62
B25	78
C10	52
C13	67
C16	85
C20	104
C25	130

Mounting accessories

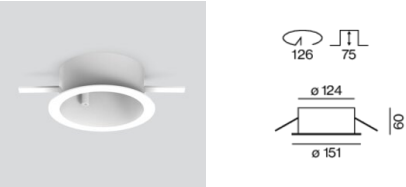
SURFACE HOUSING / POINT OUTLET

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



RECESSED HOUSING / POINT OUTLET

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



Optical accessories

SNOOT

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



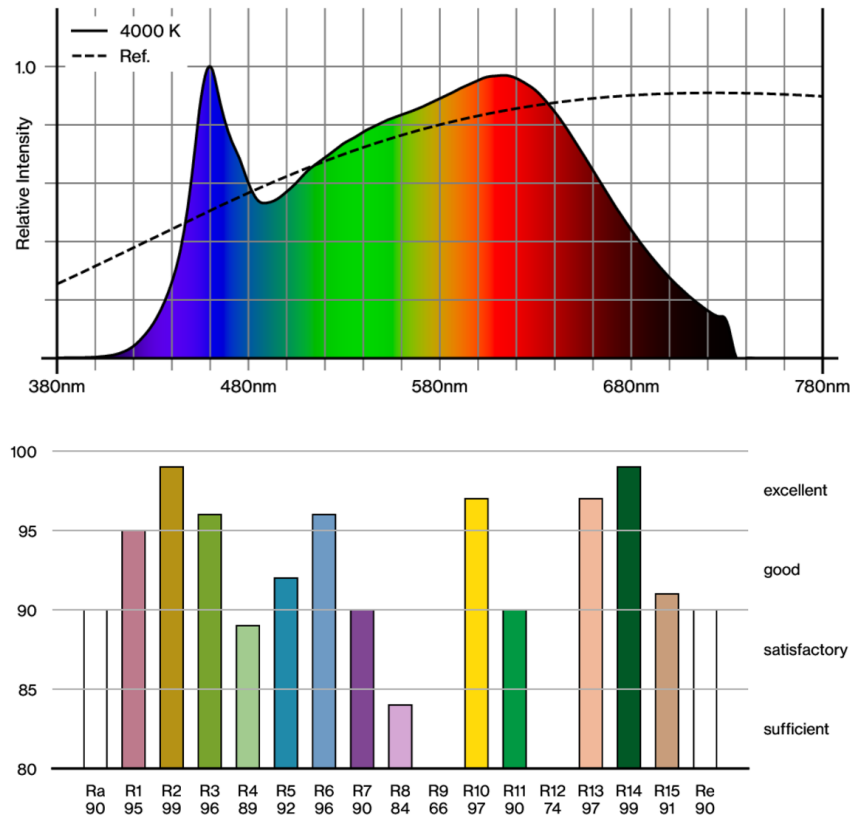
HONEYCOMB LOUVER

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for BO 70 PABLO	jet black	61	080-5900018

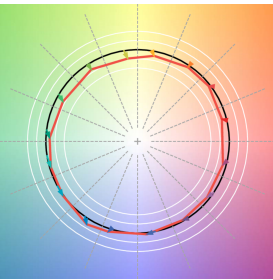




Colour rendering



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.