

LINEA opal / opal

wall system

058-6144637AH



Project / Type

Notes

Count / Date



General

Wall , Surface
white , RAL 9010 ¹
IP20
indirect 1940 lm
direct 1940 lm
total 3880 lm
3230 lm/m

LED

4000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 98 , R_r: 90 , R_{t(1-5)}: 88
MR 0.76
MDER 0.69

Optical

High Performance Opal
opal (lambertsch)
P_{stLM} ≤ 1.0² ³
SVM ≤ 0.4² ³

Electrical

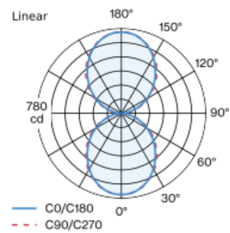
DALI-2
220-240 V
system 35 W
system 111 lm/W⁴
PC1
1 DALI Addr.
29 W/m

Physical

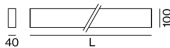
length 1206 mm
width 40 mm
height 100 mm
2.8 kg

Light fitting and front cover made of extruded aluminium profile; angular design; linear; for lighting systems; no visible screws; surface white powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct and indirect light component: HPO (High Performance Opal) cover for uniform illumination; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code ² Linear
³ Value of containing product at full load (undimmed)
⁴ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.91	0.89
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	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

Mounting accessories

END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	pure white	40-100-12	050-2540107
1 pair	jet black	40-100-12	050-2540108



Mounting accessories

LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 piece	050-2551100
10 pieces	050-2551100.10



Electrical accessories

THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
3 x 1,5 mm ² 10 pieces	004-90003
5 x 1,5 mm ² 10 pieces	004-90005

