

LINEA opal / opal

wall system

058-6144517AH



Project / Type	
Notes	
Count / Date	



General

Wall , Surface	
white , RAL 9010 ¹	
IP20	
indirect 1760 lm	
direct 1760 lm	
total 3520 lm	
2920 lm/m	

LED

3000 K	
CRI ≥ 90	
L85 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R _g : 99 , R _r : 91 , R _{t(1-15)} : 89	
MR 0.61	
MDER 0.55	

Optical

High Performance Opal	
opal (lambertsch)	
P _{stLM} ≤ 1.0 ^{2 3}	
SVM ≤ 0.4 ^{2 3}	

Electrical

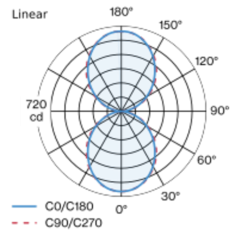
non DIM	
220-240 V	
system 35 W	
system 101 lm/W ⁴	
PC1	
29 W/m	

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 3000 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. converter, non dimmable; 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	22
B13	29
B16	36
B20	45
C10	37
C13	48
C16	61
C20	76

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

