

# LINEA opal / asymmetric

wall system

058-6144D38AA



Project / Type

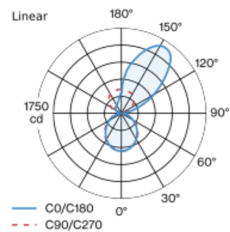
Notes

Count / Date



Light fitting and front cover made of extruded aluminium profile; angular design; linear; for lighting systems; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct light component: HPO (High Performance Opal) cover for uniform illumination; indirect light component: with specially computed, asymmetrical lens for homogeneous lighting intensity (installation optionally for floor or ceiling illumination); light colour: tunable white diodes (2700-5000 K); binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC†; 220-240 V; incl. DALI-2 / DT8 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Wall , Surface

black , RAL 9005 <sup>1</sup>

IP20

indirect 2400 lm

direct 2020 lm

total 4420 lm

3660 lm/m

## LED

tunable white

2700 K - 5000 K

CRI  $\geq 90$

L85 / 50000 h

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>f(1-15)</sub>: 88

MR 0.53

MDER 0.48

## Optical

High Performance Opal / Asymmetric

asymmetric

PstLM  $\leq 1.0^{2\ 3}$

SVM  $\leq 0.4^{2\ 3}$

## Electrical

DALI-2 DT8

220-240 V

system 42 W

system 105 lm/W<sup>4</sup>

PC1

1 DALI Addr.

35 W/m

## Physical

length 1206 mm

width 40 mm

height 100 mm

2.9 kg

<sup>1</sup> RAL code <sup>2</sup> Linear  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: 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 <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.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	13
B13	16
B16	22
B20	27
C10	21
C13	28
C16	36
C20	45

## 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 <sup>2</sup>   10 pieces	004-90003
5 x 1,5 mm <sup>2</sup>   10 pieces	004-90005

