



Project / Type
Notes
Count / Date



General

Ceiling / Wall , Semi-Recessed <sup>1</sup> -Surface <sup>2</sup>
black , RAL 9005 <sup>3</sup>
front IP40 <sup>1</sup> -IP20 <sup>2</sup> , back IP20
4970 lm
2040 lm/m
jet black

LED

4000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.72
MDER 0.66

Optical

Jut-Out
opal (lambertsch)
PstLM ≤ 1.0 <sup>1 2 4</sup>
SVM ≤ 0.4 <sup>1 2 4</sup>

Electrical

DALI-2
220-240 V
system 38 W
system 131 lm/W <sup>5</sup>
PC1
1 DALI Addr.
16 W/m

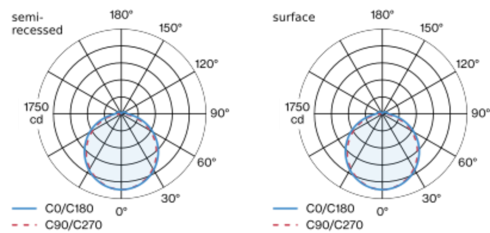
Physical

length 2438 mm
width 89 mm
height 38 mm
5.5 kg

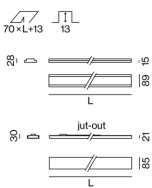
Cutout

length 2451 mm
width 70 mm
min. ceiling thickness 12.5 mm
recessed depth 13 mm

Light distribution



Product drawing



<sup>1</sup> semi-recessed <sup>2</sup> surface <sup>3</sup> RAL code  
<sup>4</sup> Value of containing product at full load (undimmed)  
<sup>5</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



# LENO jut-out

semi-recessed / surface system  
051-8218637J 051-8920248



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.91	0.9
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	18
B13	24
B16	30
B20	37
C10	31
C13	40
C16	51
C20	62

## Components

### INSTALLATION CHANNEL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
jet black	2438-89-28	051-8920248



## Mounting accessories

### END CAPS

COLOUR	ARTICLE NUMBER(S)
pure white	051-8992217
jet black	051-8992218



## Mounting accessories

### LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 pair	051-8992110
10 pairs	051-8992110:10



### POWER FEEDER CONNECTOR

ARTICLE NUMBER(S)
051-8992330



## Other accessories

### DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

