

# LENO jut-out

suspended system

051-8112637J 051-8930068



Project / Type

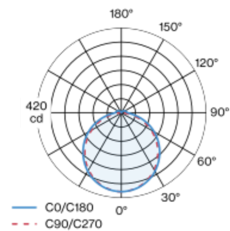
Notes

Count / Date



Low profile suspended luminaire, 28 mm total height; converter integrated into luminaire housing; for suspended mounting (1500 mm cable suspension as an accessory); with integrated toolless suspension height adjustment on the luminaire; for continuous lighting systems; surface black powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light directed downward through LGP (LIGHT GUIDING PRISM) body and high efficiency reflector; HPO (High Performance Opal) cover for uniform illumination; jut-out cover; light colour 4000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC2; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source not replaceable; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



### General

Ceiling , Suspended

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

Channel jet black

IP20

1240 lm

2030 lm/m

### LED

4000 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.72

MDER 0.66

### Optical

Jut-Out

opal (lambertsch)

PstLM  $\leq 1.0$  <sup>2</sup>

SVM  $\leq 0.4$  <sup>2</sup>

### Electrical

DALI-2

220-240 V

system 10.8 W

system 115 lm/W<sup>3</sup>

PC2

1 DALI Addr.

18 W/m

### Physical

cable 1500 mm

length 613 mm

width 89 mm

height 38 mm

2.2 kg

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

## 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   | 0.93              | 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 Factor            |        |

<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 | 613-89-28  | 051-8930068       |



### 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   | 051-8993110       |
| 10 pairs | 051-8993110:10    |



#### CABLE SUSPENSION

| ARTICLE NUMBER(S) |
|-------------------|
| 005-2122110       |



### Mounting accessories

#### CANOPY / FEEDER CABLE

| TYPE                    | COLOUR     | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------------------------|------------|------------|-------------------|
| 5 x 1,5 mm <sup>2</sup> | pure white | 90-90-22   | 005-2212417       |
| 5 x 1,5 mm <sup>2</sup> | jet black  | 90-90-22   | 005-2212418       |





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Electrical accessories

POWER FEEDER CONNECTOR

ARTICLE NUMBER(S)  
051-8992330



Other accessories

DISMOUNTING TOOL

TYPE

vacuum cup

ARTICLE NUMBER(S)  
086-30000

