



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

white , RAL9010 <sup>1</sup>

2010 lm/m

IP20

4900 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.54

MDER 0.49

Optical

High Performance Opal

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

Electrical

DALI-2

38 W

PC1 220-240V

129 lm/W

1 DALI Addr.

16 W/m

Physical

cable 1500 mm

length 2438 mm

width 89 mm

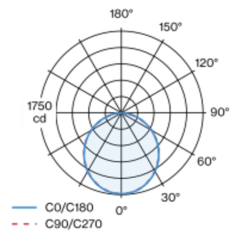
height 28 mm

5.8 kg

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

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 tool-less suspension height adjustment; for continuous lighting systems; surface white 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; flush cover; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; 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



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 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

| TYPE    | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------|---------------|------------|-------------------|
| 2438 mm | traffic white | 2438-89-28 | 051-8930247       |



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     | ARTICLE NUMBER(S) |
|-------------------------|------------|-------------------|
| 5 x 1,5 mm <sup>2</sup> | pure white | 005-2212417       |
| 5 x 1,5 mm <sup>2</sup> | jet black  | 005-2212418       |



# LENO opal

suspended system

051-8218537H 051-8930247



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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

