

ENVIVA louver direct / indirect

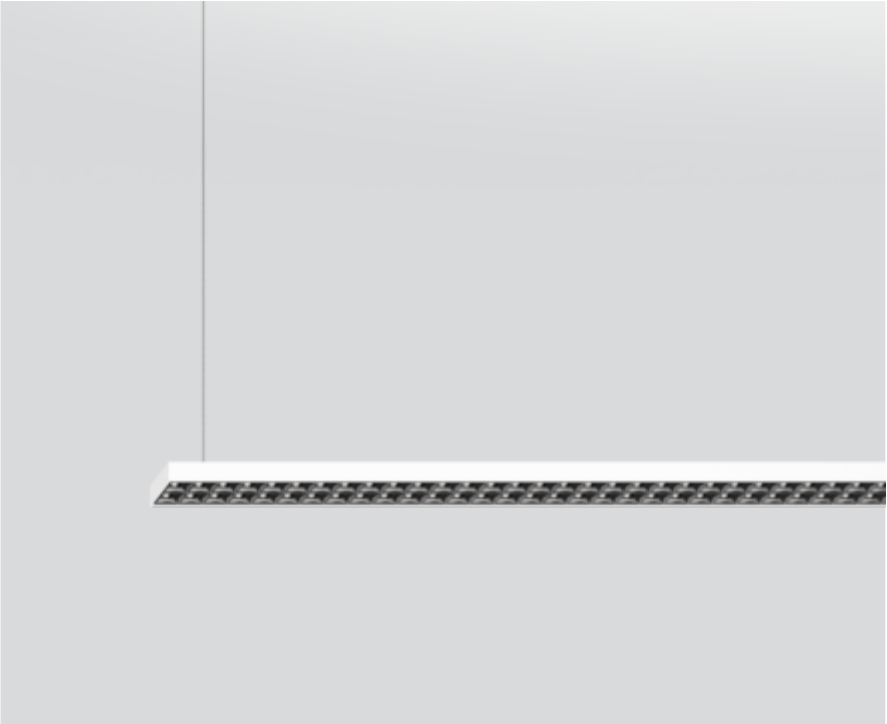
suspended
067-02140178X



Project / Type

Notes

Count / Date



Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 45 x 15mm); no visible screws; surface raw or powder coated; pendant fitting with cable suspension; can be adjusted to any height; incl. feeder cable; linear light inset made of plastic; fitted with single LED light points; good glare reduction due to recessed light point plane; despite this increased efficiency through special lens technology; inserted lenses with wide flood radiation characteristic; or high quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with symmetrical light distribution; direct / indirect light distribution; canopy for through wiring (separately available); converter included in canopy; optionally with sensor

Light distribution



Product drawing



General

traffic white | RAL 9016 ¹

Inset black

Cable white

IP20

indirect 2650 lm | direct 2740 lm

total 5390 lm

fixture 151 lm/W ²

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_r: 91 | R_{t(1-15)}: 89

MR 0.61 | MDER 0.55

Optical

super wide flood

UGR ≤ 16 | ≥65° <1500 cd/m²

PstLM ≤ 1.0³ | SVM ≤ 0.4^{3 4}

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 42 V

system 41 W | fixture 36 W

53 mA

Physical

length 1204 mm | width 45 mm | height 15.4 mm

¹ RAL code

² incl. consideration of optical losses & internal control unit losses

³ 850mA ⁴ Value of containing product at full load (undimmed)

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 | 0.92 | 0.9 |
| 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 | 37 |
| B16 | 60 |
| C10 | 37 |
| C16 | 60 |

Mounting accessories

CANOPY

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------|------------|-------------------|
| traffic white | 112-112-35 | 005-2611037 |
| jet black | 112-112-35 | 005-2611038 |
| traffic white | 112-112-35 | 005-2611137 |
| jet black | 112-112-35 | 005-2611138 |

