

ENVIVA spotlight direct / indirect

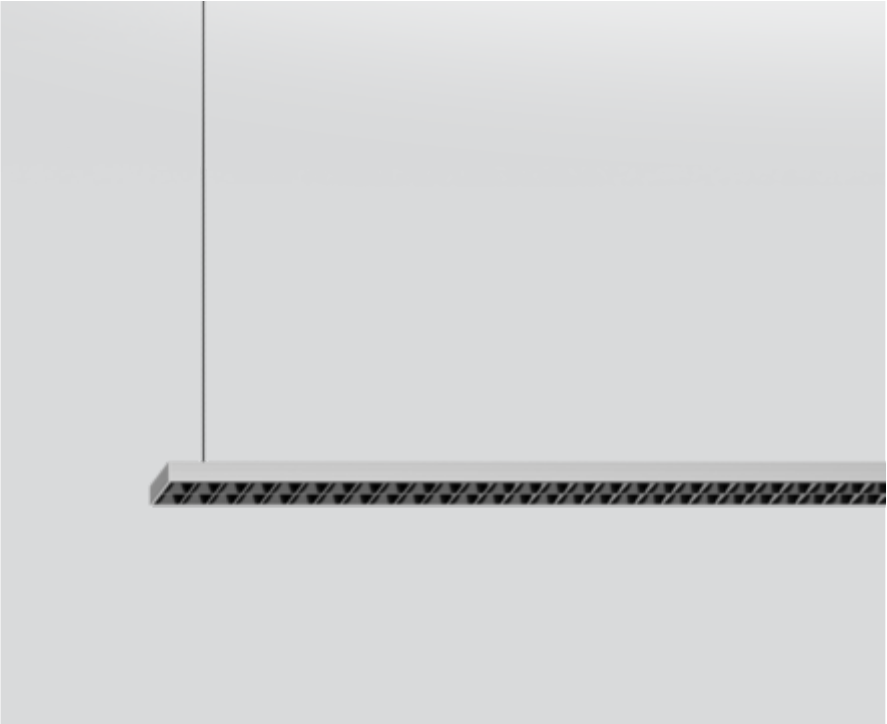
suspended
067-12151B18W



Project / Type

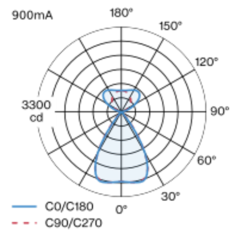
Notes

Count / Date



Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 45 x 15 mm); 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

| |
|-----------------------------------|
| aluminium raw |
| Inset jet black |
| Cable black |
| IP20 |
| indirect 3030 lm direct 2950 lm |
| total 5980 lm |
| fixture 158 lm/W ¹ |

LED

| |
|---|
| 4000 K |
| CRI ≥ 90 |
| L90 / 50000 h |
| initial MacAdam ≤ 3 SDCM |
| R _g : 99 R _r : 92 R _{t(1-15)} : 90 |
| MR 0.81 MDER 0.74 |

Optical

| |
|---|
| spotline |
| UGR ≤ 10 ≥65° <1500 cd/m ² |
| PstLM ≤ 1.0 ^{2 3} SVM ≤ 0.4 ^{2 3} |

Electrical

| |
|--|
| DALI-2 essential sensor 1 DALI Addr. |
| brightness & presence |
| PC2 42 V |
| system 43 W fixture 38 W |
| 50 mA |

Physical

| |
|---|
| length 1545 mm width 45 mm height 15.4 mm |
|---|

¹ incl. consideration of optical losses & internal control unit losses
² 900mA ³ 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 |

