

# ENVIVA louver direct / indirect

suspended  
067-02156B04X



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 chrome                      |
| Cable white                       |
| IP20                              |
| indirect 3520 lm   direct 3680 lm |
| total 7200 lm                     |
| fixture 202 lm/W <sup>1</sup>     |

### LED

|                          |
|--------------------------|
| 4000 K                   |
| CRI ≥ 80                 |
| L90 / 50000 h            |
| initial MacAdam ≤ 3 SDCM |
| MR 0.72   MDER 0.65      |

### Optical

|   |
|---|
| super wide flood                                    |
| UGR ≤ 16   ≥ 65° < 1500 cd/m²                       |
| PstLM ≤ 1.0² <sup>3</sup>   SVM ≤ 0.4² <sup>3</sup> |

### Electrical

|  |
|--|
| DALI-2 essential sensor   1 DALI Addr. |
| brightness & presence                  |
| PC2   42 V                             |
| system 41 W   fixture 36 W             |
| 47 mA                                  |

### Physical

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

<sup>1</sup> incl. consideration of optical losses & internal control unit losses  
<sup>2</sup> 850mA <sup>3</sup> 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 <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                            | 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       |

