

# ENVIVA spotline direct / indirect

suspended

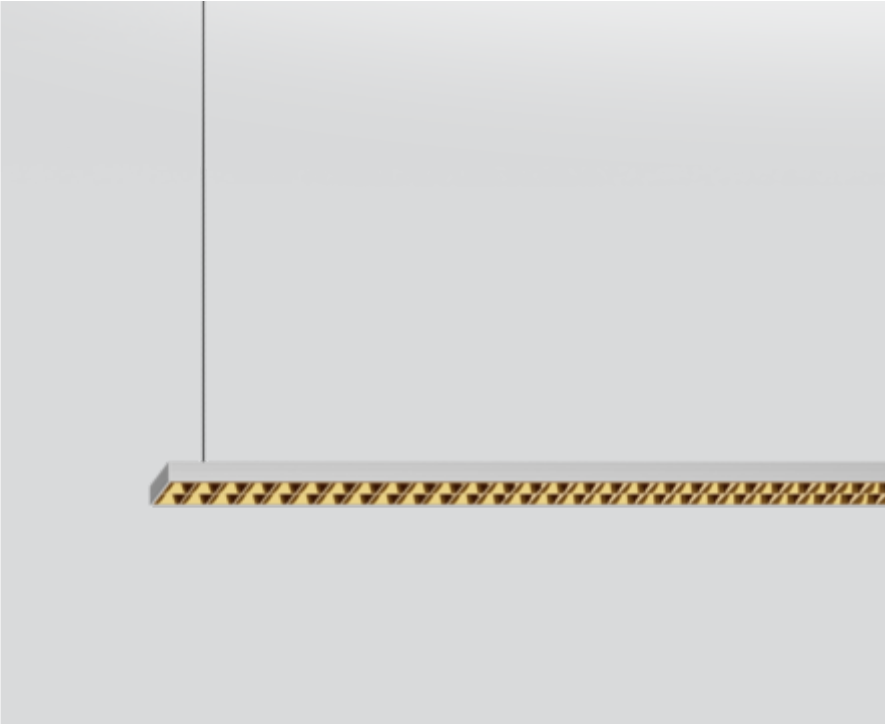
067-12150B19W



Project / Type

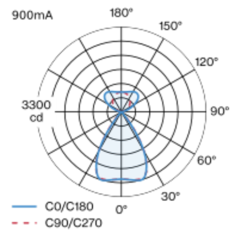
Notes

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 gold
Cable black
IP20
indirect 2800 lm   direct 2860 lm
total 5660 lm
fixture 150 lm/W <sup>1</sup>

## LED

3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 99   R <sub>r</sub> : 91   R <sub>(1-15)</sub> : 89
MR 0.61   MDER 0.55

## Optical

spotline
UGR ≤ 10   ≥65° <1500 cd/m <sup>2</sup>
PstLM ≤ 1.0 <sup>2 3</sup>   SVM ≤ 0.4 <sup>2 3</sup>

## 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
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<sup>1</sup> incl. consideration of optical losses & internal control unit losses  
<sup>2</sup> 900mA <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

