

# ENVIVA spotlight direct / indirect

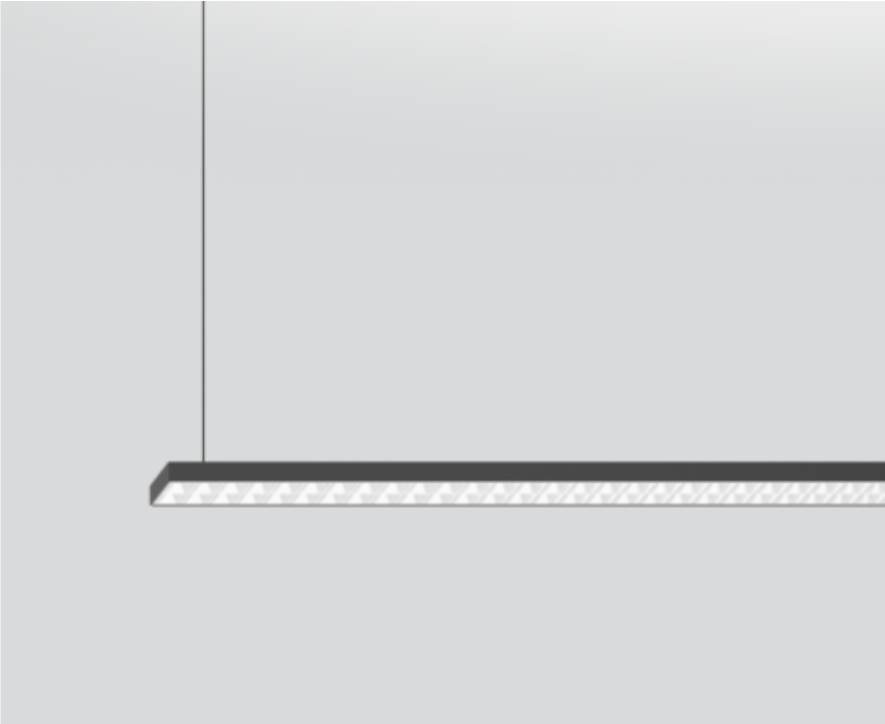
suspended  
067-12150B87W



Project / Type

Notes

Count / Date



General
jet black   RAL 9005 <sup>1</sup>
Inset traffic white
Cable black
IP20
indirect 2800 lm   direct 2880 lm
total 5680 lm
fixture 150 lm/W <sup>2</sup>

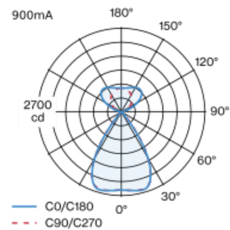
LED
3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 99   R <sub>r</sub> : 91   R <sub>t(1-15)</sub> : 89
MR 0.61   MDER 0.55

Optical
spotline
UGR ≤ 10   ≥65° <1500 cd/m <sup>2</sup>
PstLM ≤ 1.0 <sup>3 4</sup>   SVM ≤ 0.4 <sup>3 4</sup>

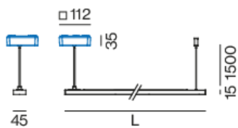
Electrical
DALI-2 essential sensor   1 DALI Addr.
brightness & presence
PC2   42 V
system 43 W   fixture 38 W
50 mA

Physical
length 1545 mm   width 45 mm   height 15.4 mm

## Light distribution



## Product drawing



<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> 900mA <sup>4</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

