

ENVIVA louver direct / indirect

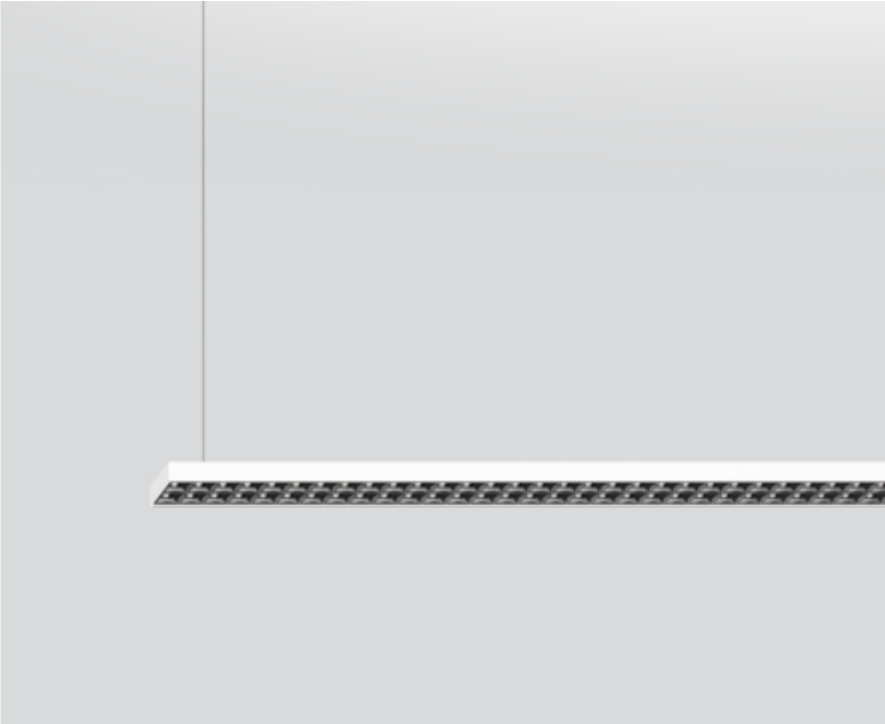
suspended
067-02141B78X



Project / Type

Notes

Count / Date



General
traffic white RAL 9016 ¹
Inset black
Cable white
IP20
indirect 2870 lm direct 2960 lm
total 5830 lm
fixture 163 lm/W ²

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

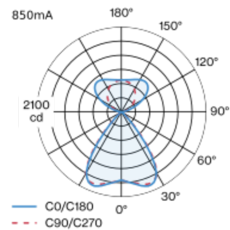
Optical
super wide flood
UGR ≤ 16 ≥65° <1500 cd/m ²
PstLM ≤ 1.0 ^{3 4} SVM ≤ 0.4 ^{3 4}

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

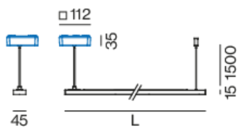
Physical
length 1245 mm width 45 mm height 15.4 mm

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



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

