

LED CONVERSION MODULE VELA / MENO / COMBO 650

007-INRD0650151 006-CORD06501P



Project / Type _____

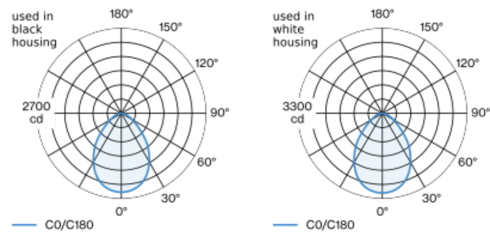
Notes _____

Count / Date _____

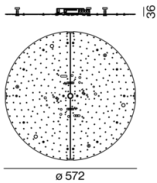


LED conversion module; suitable for VELA round / MENO round / COMBO round; highly reflective coating for improved efficiency; attached in the luminaire housing by means of magnets; microprismatic PMMA cover; completely homogeneous illumination; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; plug-in terminals for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Luminaire / Track | Mounted _____

white _____

IP20 _____

4570¹-5640² lm _____

LED

3000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

MR 0.56 | MDER 0.51 _____

Optical

Microprismatic _____

$\geq 65^\circ$ <3000 cd/m² _____

PstLM ≤ 1.0 ^{1 2 3} | SVM ≤ 0.4 ^{1 2 3} _____

Electrical

non DIM _____

PC1 | 220-240 V _____

system 50 W _____

system 91¹-113² lm/W⁴ _____

Physical

diameter 572 mm | height 92 mm _____

¹ used in black housing ² used in white housing
³ Value of containing product at full load (undimmed)
⁴ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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	11
B13	14
B16	17
B20	21
C10	18
C13	23
C16	28
C20	35

Components

MICROPRISMATIC COVER 650

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