

LED CONVERSION MODULE VELA / MENO / COMBO 650

007-INRD0650163 006-CORD065010



Project / Type _____

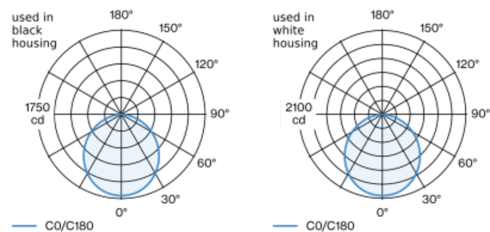
Notes _____

Count / Date _____

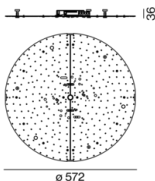


LED conversion module; suitable for VELA round / MENO round / COMBO round; highly reflective coating for improved efficiency; attached in the luminaire housing by means of magnets; completely homogeneously illuminated, satinised PMMA cover; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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. DALI-2 converter; 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 _____

4800¹-5780² lm _____

LED

4000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

MR 0.72 | MDER 0.65 _____

Optical

Opal _____

PstLM $\leq 1.0^1 2^3$ | SVM $\leq 0.4^1 2^3$ _____

Electrical

DALI-2 | 1 DALI Addr. _____

PC1 | 220-240 V _____

system 50 W _____

system 96¹-116² lm/W ⁴ _____

Physical

diameter 572 mm | height 92 mm _____

2.98 kg _____

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



LED CONVERSION MODULE VELA / MENO / COMBO 650

007-INRD0650163 006-CORD065010



Project / Type

Notes

Count / Date

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	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36

Components

OPAL COVER 650

ARTICLE NUMBER(S)
006-CORD065010

