

LED CONVERSION MODULE VELA / MENO 170

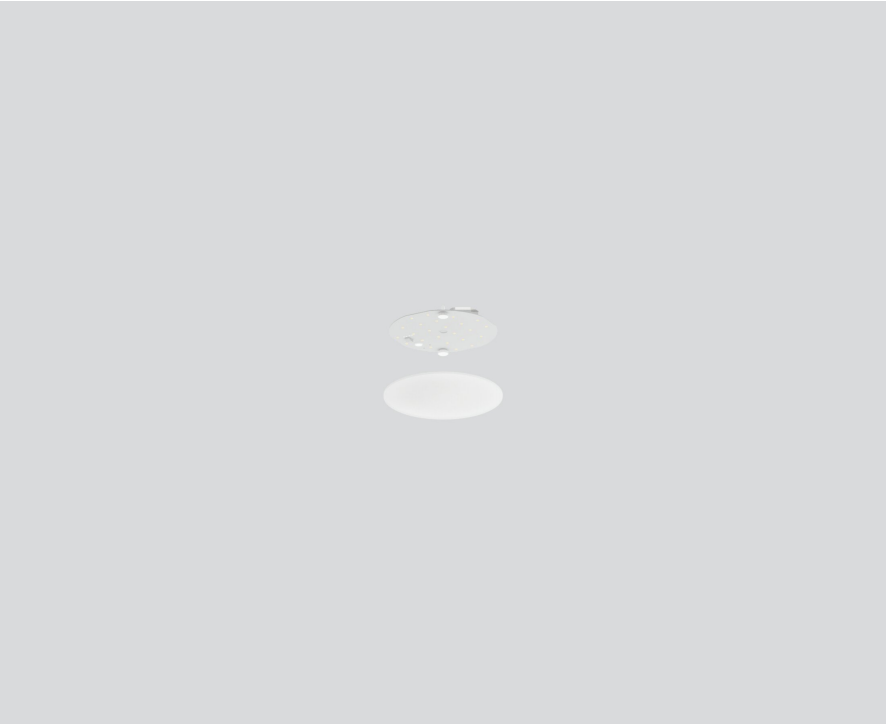
007-INRD0170153 006-CORD01701P



Project / Type

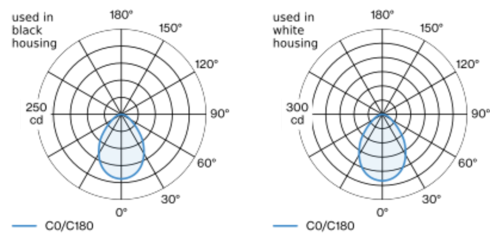
Notes

Count / Date



LED conversion module; suitable for VELA round / MENO 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. 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

343¹-424² 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 2³ | SVM ≤ 0.4 ¹ 2³

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 5.4 W

system 64¹-79² lm/W⁴

Physical

diameter 157 mm | height 88 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

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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	31
B13	48
B16	60
B20	62
B25	78
C10	52
C13	81
C16	85
C20	104
C25	130

Components

MICROPRISMATIC COVER 170

ARTICLE NUMBER(S)
006-CORD01701P

