

VELA 600 direct / indirect power

suspended
073-1455D3GK



Project / Type _____

Notes _____

Count / Date _____



Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface grey powder coated; highly reflective coating for improved efficiency; suspended luminaire with adjustable pendant rod mounting (chrome) 1000mm, feed in rod; microprismatic PMMA cover; completely homogeneous illumination; $UGR \leq 19$; direct / indirect radiation characteristic for additional accentuation of the ceiling; light colour tunable white; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; canopy with 2 cable openings and plug-in terminal for through wiring; degree of protection IP40; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

General
Ceiling | Suspended
grey | RAL 9006 ¹
IP40
indirect 2540 lm | direct 5690 lm
total 8230 lm

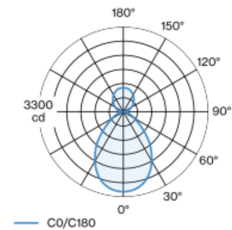
LED
tunable white | 2700 K - 6500 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.48 | MDER 0.44

Optical
Microprismatic | microprismatic
UGR ≤ 19
PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical
DALI-2 DT8 | 1 DALI Addr.
PC1 | 220-240 V
system 62 W
system 133 lm/W ³

Physical
rod 1000 mm
diameter 600 mm | height 87 mm
6.1 kg

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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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

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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