

VELA 600 direct / indirect
power
suspended
073-145561XO



Project / Type _____

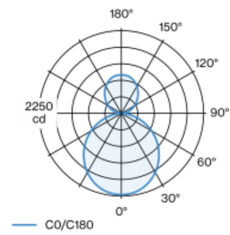
Notes _____

Count / Date _____

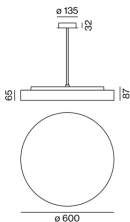


Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface special colours powder coated; highly reflective coating for improved efficiency; suspended luminaire with adjustable pendant rod mounting (chrome) 1000mm, feed in rod; completely homogeneously illuminated, satinised PMMA cover; direct / indirect radiation characteristic for additional accentuation of the ceiling; 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; canopy with 2 cable openings and plug-in terminal for through wiring; degree of protection IP40; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Suspended _____

special colours _____

IP40 _____

indirect 2850 lm _____

direct 6280 lm _____

total 9130 lm _____

LED

4000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

photobio. safety RG 0 - no Risk _____

initial MacAdam ≤ 3 SDCM _____

MR 0.72 _____

MDER 0.66 _____

Optical

Opal _____

PstLM ≤ 1.0 ¹ _____

SVM ≤ 0.4 ¹ _____

Electrical

non DIM _____

68 W _____

PC1 220-240V _____

134 lm/W _____

Physical

rod 1000 mm _____

diameter 600 mm _____

height 87 mm _____

6.1 kg _____

¹ Value of containing product at full load (undimmed)

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	0.91	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 Faktor

^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	18
B20	22
C10	18
C13	23
C16	30
C20	36

