

# VELA 600 direct / indirect power

suspended  
073-125551XO



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



IP 40 \_\_\_\_\_

220-240V \_\_\_\_\_

X-PERT \_\_\_\_\_

X-PERT \_\_\_\_\_

**General**

Ceiling , Suspended \_\_\_\_\_

special colours \_\_\_\_\_

IP40 \_\_\_\_\_

indirect 2690 lm \_\_\_\_\_

direct 5930 lm \_\_\_\_\_

total 8620 lm \_\_\_\_\_

**LED**

3000 K \_\_\_\_\_

CRI  $\geq$  80 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

photobio. safety RG 0 - no Risk \_\_\_\_\_

initial MacAdam  $\leq$  3 SDCM \_\_\_\_\_

MR 0.54 \_\_\_\_\_

MDER 0.49 \_\_\_\_\_

**Optical**

Opal \_\_\_\_\_

PstLM  $\leq$  1.0 <sup>1</sup> \_\_\_\_\_

SVM  $\leq$  0.4 <sup>1</sup> \_\_\_\_\_

**Electrical**

non DIM \_\_\_\_\_

68 W \_\_\_\_\_

PC1 220-240V \_\_\_\_\_

127 lm/W \_\_\_\_\_

**Physical**

cable 1500 mm \_\_\_\_\_

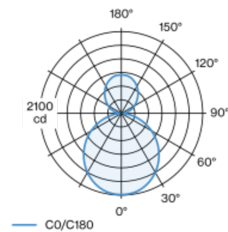
diameter 600 mm \_\_\_\_\_

height 87 mm \_\_\_\_\_

5.8 kg \_\_\_\_\_

Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface special colours powder coated; highly reflective coating for improved efficiency; suspended luminaire with 1500mm cable suspension; with integrated tool-less suspension height adjustment; incl. feeder cable; completely homogeneously illuminated, satinised PMMA cover; direct / indirect radiation characteristic for additional accentuation of the ceiling; light colour 3000 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  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



<sup>1</sup> 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		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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

