

VELA 600 direct / indirect power

suspended
073-125451XK



Project / Type _____

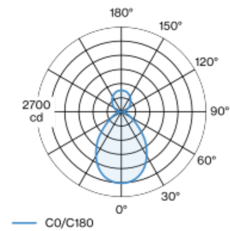
Notes _____

Count / Date _____

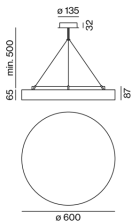


Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface special colours powder coated; highly reflective coating for improved efficiency; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); microprismatic PMMA cover; completely homogeneous illumination; $UGR \leq 19$; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 3000 \text{ cd/m}^2$; direct / indirect radiation characteristic for additional accentuation of the ceiling; light colour 3000 K; binning initial MacAdam $\leq 3 \text{ SDCM}$; 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 1860 lm _____

direct 4150 lm _____

total 6010 lm _____

LED

3000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

photobio. safety RG 0 - no Risk _____

initial MacAdam $\leq 3 \text{ SDCM}$ _____

MR 0.54 _____

MDER 0.49 _____

Optical

Microprismatic _____

microprismatic _____

$UGR < 19, \geq 65^\circ < 3000 \text{ cd/m}^2$ _____

$P_{stLM} \leq 1.0^1$ _____

$SVM \leq 0.4^1$ _____

Electrical

non DIM _____

system 45 W _____

PC1 220-240V _____

system 134 lm/W² _____

Physical

cable 1500 mm _____

diameter 600 mm _____

height 87 mm _____

5.8 kg _____

¹ Value of containing product at full load (undimmed)
² incl. optical losses and the efficiency of the operating device (converter)

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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire 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	7
B13	9
B16	11
B20	14
C10	12
C13	16
C16	19
C20	24

