

VELA 900 direct / indirect power

suspended
073-127463XK



Project / Type _____

Notes _____

Count / Date _____



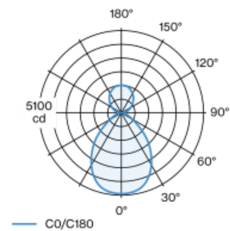
General	
Ceiling , Suspended	_____
special colours	_____
IP40	_____
indirect 4670 lm	_____
direct 9560 lm	_____
total 14230 lm	_____

LED	
4000 K	_____
CRI ≥ 80	_____
L90 / 50000 h	_____
initial MacAdam ≤ 3 SDCM	_____
MR 0.72	_____
MDER 0.66	_____

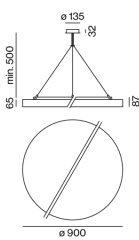
Optical	
Microprismatic	_____
microprismatic	_____
UGR ≤ 16 , ≥65° <3000 cd/m ²	_____
PstLM ≤ 1.0 ¹	_____
SVM ≤ 0.4 ¹	_____

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 ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; 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; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



Electrical	
DALI-2	_____
220-240 V	_____
system 96 W	_____
system 148 lm/W ²	_____
PC1	_____
2 DALI Addr.	_____

Physical	
cable 1500 mm	_____
diameter 900 mm	_____
height 87 mm	_____
13.1 kg	_____

¹ Value of containing product at full load (undimmed)
² 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	0.95	0.93	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 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	4
B13	6
B16	7
B20	9
C10	8
C13	11
C16	13
C20	16

