

VELA 900 direct / indirect power

suspended
073-127463XO



Project / Type _____
Notes _____
Count / Date _____



General

Ceiling | Suspended _____
special colours _____
IP40 _____
indirect 4670 lm | direct 9520 lm _____
total 14190 lm _____

LED

4000 K _____
CRI \geq 80 _____
L90 / 50000 h _____
initial MacAdam \leq 3 SDCM _____
MR 0.72 | MDER 0.66 _____

Optical

Opal | opal (lambertsch) _____
PstLM \leq 1.0¹ | SVM \leq 0.4¹ _____

Electrical

DALI-2 | 2 DALI Addr. _____
PC1 | 220-240 V _____
system 96 W _____
system 148 lm/W² _____

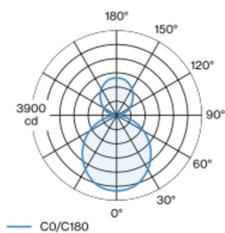
Physical

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

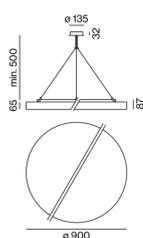
Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface special colours powder coated; highly reflective coating for improved efficiency; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); completely homogeneously illuminated, satinised PMMA cover; direct / indirect radiation characteristic for additional accentuation of the ceiling; light colour 4000 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; 220-240 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;

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

Light distribution



Product drawing



Installation instructions



Lighting calculator



VELA 900 direct / indirect power

suspended

073-127463XO



Project / Type

Notes

Count / Date

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