

VELA 1200 direct

ceiling

073-1181538K

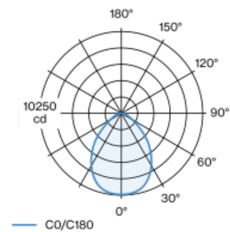


Project / Type
Notes
Count / Date

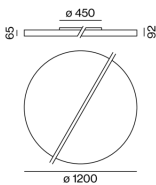


Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface black powder coated; highly reflective coating for improved efficiency; suitable for ceiling mounting; convenient quick mounting system without tools; microprismatic PMMA cover; completely homogeneous illumination; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; luminaire 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. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



IP40	220-240V	X-PERT	UGR ≤ 19	cd/m² ≤ 3000	CRI ≥ 80	3-ADR	X-PERT
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General

Ceiling , Surface
black , RAL9005 ¹
IP40
19400 lm

LED

3000 K
CRI ≥ 80
L90 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam ≤ 3 SDCM
MR 0.54
MDER 0.49

Optical

Microprismatic
microprismatic
UGR < 19 , ≥ 65° < 3000 cd/m²
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
147 W
PC1 220-240V
132 lm/W
3 DALI Addr.

Physical

diameter 1200 mm
height 92 mm
19.2 kg

¹ RAL code ² 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	0.95	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 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	3
B13	4
B16	5
B20	6
C10	6
C13	8
C16	10
C20	12

Other accessories

DISMOUNTING TOOL

ARTICLE NUMBER(S)

073-1100000

