

VELA 450 direct / indirect power

suspended
073-1244618K



Project / Type _____

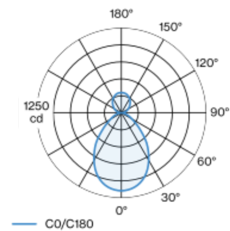
Notes _____

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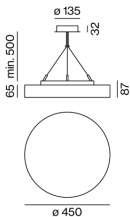


Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface black powder coated; highly reflective coating for improved efficiency; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (black); microprismatic PMMA cover; completely homogeneous illumination; UGR ≤ 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 4000 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



RG0 IEC 62471

220-240V

IP40

X-PERT

X-PERT

General

Ceiling , Suspended

black , RAL9005 ¹

IP40

indirect 812 lm

direct 2080 lm

total 2890 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

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

MR 0.72

MDER 0.66

Optical

Microprismatic

microprismatic

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

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 21.1 W

PC1 220-240V

system 137 lm/W³

Physical

cable 1500 mm

diameter 450 mm

height 87 mm

3.8 kg

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

Installation instructions



Lighting calculator

