

# VELA 1200 direct

ceiling

073-118163GO



Project / Type

Notes

Count / Date



IP 40



## General

Ceiling , Surface

grey , RAL 9006 <sup>1</sup>

IP40

20600 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  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

DALI-2

220-240 V

system 147 W

system 140 lm/W<sup>3</sup>

PC1

3 DALI Addr.

## Physical

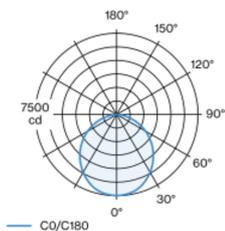
diameter 1200 mm

height 92 mm

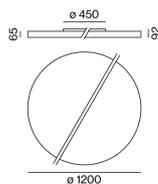
19.2 kg

Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface grey powder coated; highly reflective coating for improved efficiency; suitable for ceiling mounting; convenient quick mounting system without tools; completely homogeneously illuminated, satinised PMMA cover; 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; luminaire 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions



## Lighting calculator



# VELA 1200 direct

ceiling

073-118163GO



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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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

TYPE  
for ø600/900/1200

ARTICLE NUMBER(S)  
073-1100000

