

# VELA 300 direct / indirect soft

surface  
073-113761GK



Project / Type

Notes

Count / Date



IP 40

220-240V

X-PERT

X-PERT

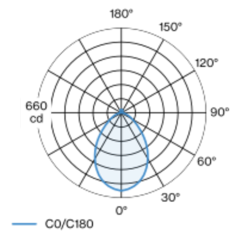
|                             |
|-----------------------------|
| General                     |
| Ceiling / Wall , Surface    |
| grey , RAL9006 <sup>1</sup> |
| IP40                        |
| indirect 62 lm              |
| direct 1080 lm              |
| total 1140 lm               |

|                                 |
|---------------------------------|
| LED                             |
| 4000 K                          |
| CRI ≥ 80                        |
| L90 / 50000 h                   |
| photobio. safety RG 0 - no Risk |
| initial MacAdam ≤ 3 SDCM        |
| MR 0.72                         |
| MDER 0.66                       |

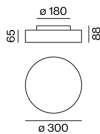
|                             |
|-----------------------------|
| Optical                     |
| Microprismatic              |
| UGR < 19 , ≥65° <3000 cd/m² |
| PstLM ≤ 1.0 <sup>2</sup>    |
| SVM ≤ 0.4 <sup>2</sup>      |

Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface grey powder coated; highly reflective coating for improved efficiency; suitable for wall or 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; 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; 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. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



|              |
|--------------|
| Electrical   |
| non DIM      |
| 10.1 W       |
| PC1 220-240V |
| 113 lm/W     |

|                 |
|-----------------|
| Physical        |
| diameter 300 mm |
| height 88 mm    |
| 1.6 kg          |

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

## Installation instructions



# VELA 300 direct / indirect soft

surface  
073-113761GK



Project / Type

Notes

Count / Date

## Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.98   | 0.96   | 0.94   | 0.91   | 0.9    |
| LSF                | 1      | 1      | 1      | 1      | 1      |

MF

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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                            | 31                 |
| B13                            | 40                 |
| B16                            | 50                 |
| B20                            | 62                 |
| B25                            | 78                 |
| C10                            | 52                 |
| C13                            | 67                 |
| C16                            | 85                 |
| C20                            | 104                |
| C25                            | 130                |

