

VELA 600 direct / indirect power

suspended
073-145553GO



Project / Type _____

Notes _____

Count / Date _____



IP 40 X-PERT

General

Ceiling , Suspended _____

grey , RAL 9006 ¹ _____

IP40 _____

indirect 2690 lm _____

direct 5930 lm _____

total 8620 lm _____

LED

3000 K _____

CRI \geq 80 _____

L90 / 50000 h _____

initial MacAdam \leq 3 SDCM _____

MR 0.54 _____

MDER 0.49 _____

Optical

Opal _____

opal (lambertsch) _____

PstLM \leq 1.0 ² _____

SVM \leq 0.4 ² _____

Electrical

DALI-2 _____

220-240 V _____

system 68 W _____

system 127 lm/W³ _____

PC1 _____

1 DALI Addr. _____

Physical

rod 1000 mm _____

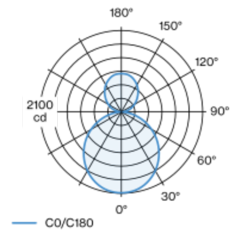
diameter 600 mm _____

height 87 mm _____

6.1 kg _____

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



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 | 0.96 | 0.94 | 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 | 10 |
| B13 | 13 |
| B16 | 16 |
| B20 | 21 |
| C10 | 16 |
| C13 | 21 |
| C16 | 26 |
| C20 | 35 |

