

VELA 900 direct

ceiling

073-117153XK



| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



| | | | | | | | |
|------|----------|--------|-----|-------|-----|-------|--------|
| IP40 | 220-240V | X-PERT | UGR | cd/m² | CRI | MAZOR | X-PERT |
|------|----------|--------|-----|-------|-----|-------|--------|

General

| |
|--|
| Ceiling , Surface |
| special colours , RAL5014 ¹ |
| IP40 |
| 9020 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

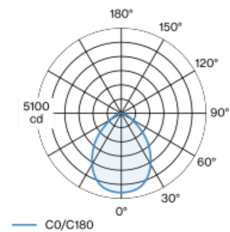
| |
|--------------|
| DALI-2 |
| 71 W |
| PC1 220-240V |
| 127 lm/W |
| 1 DALI Addr. |

Physical

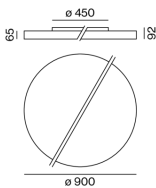
| |
|-----------------|
| diameter 900 mm |
| height 92 mm |
| 12.6 kg |

¹ RAL code ² Value of containing product at full load (undimmed)

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 | 0.95 | 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 | 9 |
| B13 | 12 |
| B16 | 15 |
| B20 | 19 |
| C10 | 15 |
| C13 | 20 |
| C16 | 25 |
| C20 | 31 |

Other accessories

DISMOUNTING TOOL

ARTICLE NUMBER(S)

073-1100000

