

UNICO wall 4 lamps

surface
090-0L463TB001



Project / Type

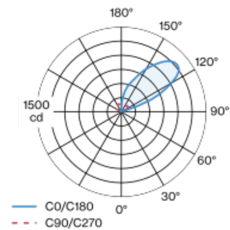
Notes

Count / Date

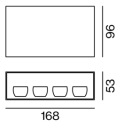


Rectangular wall surface mounted multi-uplight made of aluminium; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface black powder coated; equipped with four light insets; high quality reflector with micro-faceted, aluminum-vaporised surface; homogeneous wall or ceiling illumination through uniform light distribution; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 90% of luminous flux after 50000 operating hours; energy-efficient high power LEDs with very good colour rendering; degree of protection IP20; PC1; suitable for through wiring; incl. DALI-2 converter; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Wall , Surface

black , RAL9005 ¹

IP20

1410 lm

LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 102 , R_f: 93 , R_{f(1-15)}: 92

MR 0.81

MDER 0.74

Optical

wide floor

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

29.8 W

PC1

47 lm/W

Physical

length 168 mm

width 53 mm

height 96 mm

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

Installation instructions



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF | 0.96 | 0.95 | 0.95 | 0.94 | 0.93 |
| LSF | 1 | 1 | 1 | 1 | 1 |

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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 | 48 |
| B13 | 62 |
| B16 | 76 |
| B20 | 95 |
| C10 | 81 |
| C13 | 104 |
| C16 | 129 |
| C20 | 162 |

