

# UNICO wall 1 lamp

surface

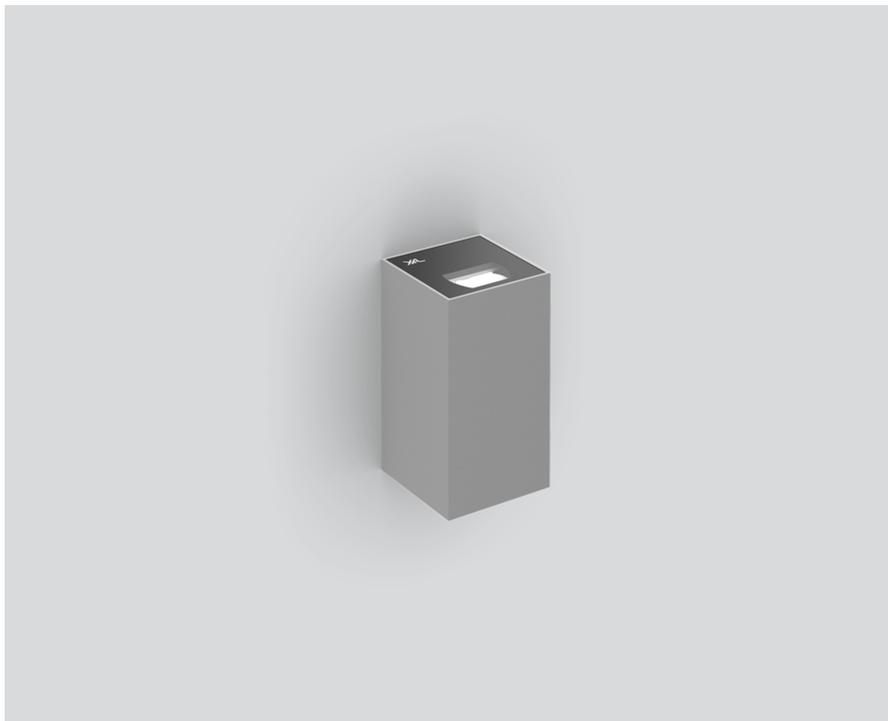
090-0L141TG001



Project / Type

Notes

Count / Date



## General

Wall | Surface

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

IP20

220 lm

## LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.63 | MDER 0.57

## Optical

asymmetric

PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM

PC1 | 220-240 V

system 5.8 W

system 38 lm/W <sup>3</sup>

## Physical

length 52 mm | width 53 mm | height 96 mm

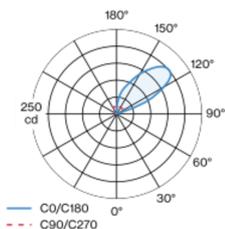
0.35 kg

Rectangular wall surface mounted upright made of aluminium; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface grey powder coated; equipped with one light inset; 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 2700 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; 220-240 V; suitable for through wiring; incl. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional;

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

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

## Light distribution



## Product drawing



## 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      | 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 Factor            |

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