

# UNICO wall 1 lamp

trim

090-6L143UB001 090-7L2020B



Project / Type

Notes

Count / Date



### General

Wall , Recessed

black , RAL9005 <sup>1</sup>

jet black

IP20

492 lm

### LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 101 , R<sub>f</sub>: 91 , R<sub>f(1-5)</sub>: 89

MR 0.56

MDER 0.51

### Optical

wide floor

beam angle 148°

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

### Electrical

DALI-2

9.9 W

PC2

50 lm/W

### Physical

trim

length 43 mm

width 53 mm

height 80 mm

0.06 kg

### Cutout

length 90 mm

width 50 mm

recessed depth 150 mm

Rectangular wall recessed luminaire made from aluminium; surface black; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim jet black; suitable for wall thickness of 2-25 mm; incl. external converter; high quality reflector with micro-faceted, aluminum-vaporised surface; asymmetrical light distribution with precise radiation characteristic; installation optionally for floor or ceiling illumination; 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; PC2; incl. DALI-2 converter; light source not replaceable; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



<sup>1</sup> RAL code <sup>2</sup> 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		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 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	48
B13	62
B16	76
B20	95
C10	81
C13	104
C16	129
C20	162

## Components

### MOUNTING SET with trim

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	101-63-30	090-7L2020B



## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

L-W-H (MM)	ARTICLE NUMBER(S)
240-400-130	052-1914320



### EXPOSED CONCRETE MOUNTING SET

ARTICLE NUMBER(S)
090-6L10500
090-6L20600

