

UNICO wall 1 lamp

trim

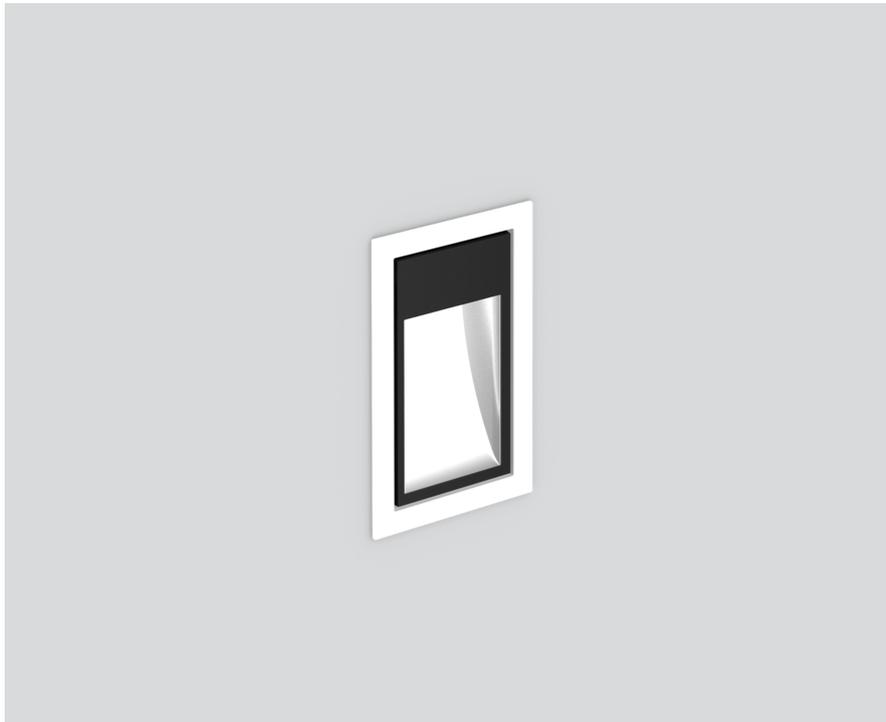
090-6L143UB001 090-7L2020W



Project / Type

Notes

Count / Date



General

Wall , Recessed

black , RAL9005 ¹

traffic white

IP20

492 lm

LED

2700 K

CRI \geq 90

L90 / 50000 h

initial MacAdam \leq 3 SDCM

R_g: 101 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.56

MDER 0.51

Optical

wide floor

beam angle 148°

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

9.9 W

PC2

50 lm/W

Physical

trim

length 43 mm

width 53 mm

height 80 mm

0.41 kg

Cutout

length 90 mm

width 50 mm

recessed depth 150 mm

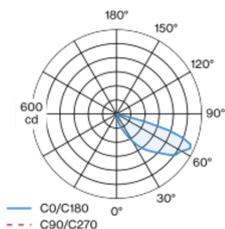
¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions



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 traffic white; 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 \leq 3 SDCM; CRI \geq 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



[090-6L143UB001 090-7L2020W] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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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 ^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	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	traffic white	101-63-30	090-7L2020W



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

