

UNICO wall 1 lamp

trim

090-6L161UB001 090-7L2020B



Project / Type

Notes

Count / Date



General

Wall , Recessed

black , RAL9005 ¹

jet black

IP20

562 lm

LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 102 , R_f: 93 , R_{f(1-5)}: 92

MR 0.81

MDER 0.74

Optical

asymmetric

beam angle 148°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 9.9 W

PC2

system 57 lm/W³

Physical

trim

length 43 mm

width 53 mm

height 80 mm

0.32 kg

Cutout

length 90 mm

width 50 mm

recessed depth 95 mm

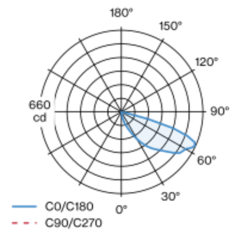
¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

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 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 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; PC2; incl. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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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	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

