

UNICO wall 1 lamp

trim

090-6L141UB001 090-7L2020B



Project / Type _____

Notes _____

Count / Date _____



General

Wall , Recessed _____

black , RAL 9005 ¹ _____

jet black _____

IP20 _____

492 lm _____

LED

2700 K _____

CRI ≥ 90 _____

L90 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

R_g: 101 , R_f: 91 , R_{f(1-15)}: 89 _____

MR 0.56 _____

MDER 0.51 _____

Optical

asymmetric _____

beam angle 148° _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Electrical

non DIM _____

220-240 V _____

system 9.9 W _____

system 50 lm/W³ _____

PC2 _____

Physical

trim _____

length 43 mm _____

width 53 mm _____

height 80 mm _____

0.33 kg _____

Cutout

length 90 mm _____

width 50 mm _____

recessed depth 95 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; 220-240 V; incl. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses
& operating device efficiency

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 ^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

