

UNICO L2basic

ceiling

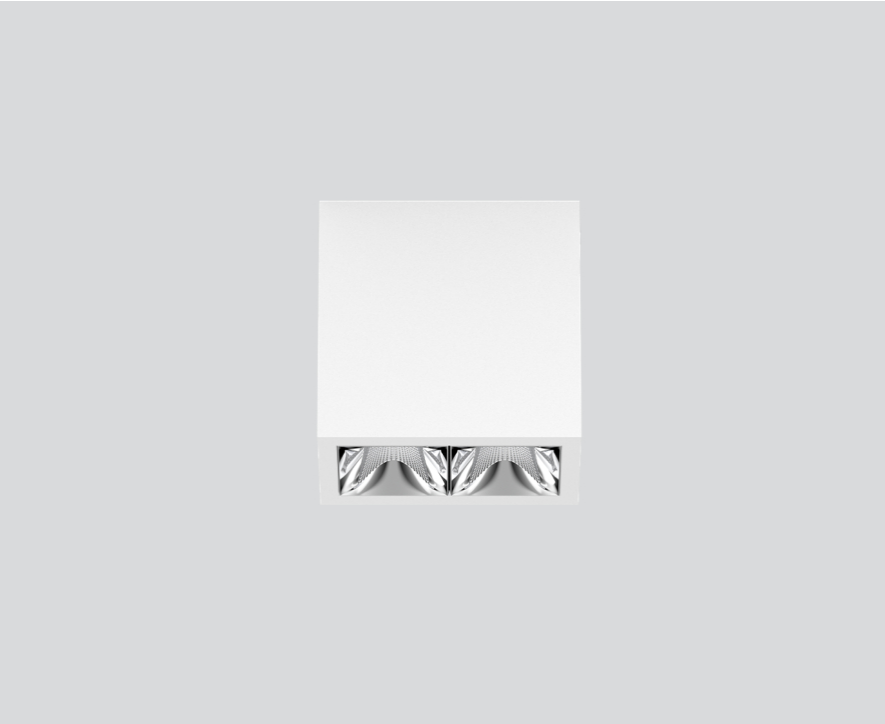
090-1L251DW001



Project / Type

Notes

Count / Date



General

Ceiling , Surface
white , RAL 9016 ¹
Reflector chrome
IP20
1090 lm

LED

3000 K
CRI \geq 90
L90 / 50000 h
initial MacAdam \leq 3 SDCM
 R_g : 100 , R_f : 92 , $R_{f(1-5)}$: 91
MR 0.64
MDER 0.58

Optical

wide flood round
beam angle 72°
 $\geq 65^\circ$ < 3000 cd/m²
PstLM \leq 1.0 ²
SVM \leq 0.4 ²

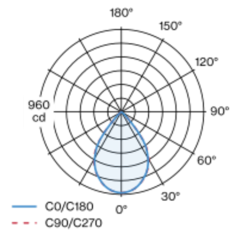
Electrical

non DIM
220-240 V
system 12.6 W
system 87 lm/W³
PC1

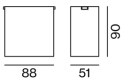
Physical

length 88 mm
width 51 mm
height 90 mm
0.35 kg

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



Lighting calculator



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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 Factor	

^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

