

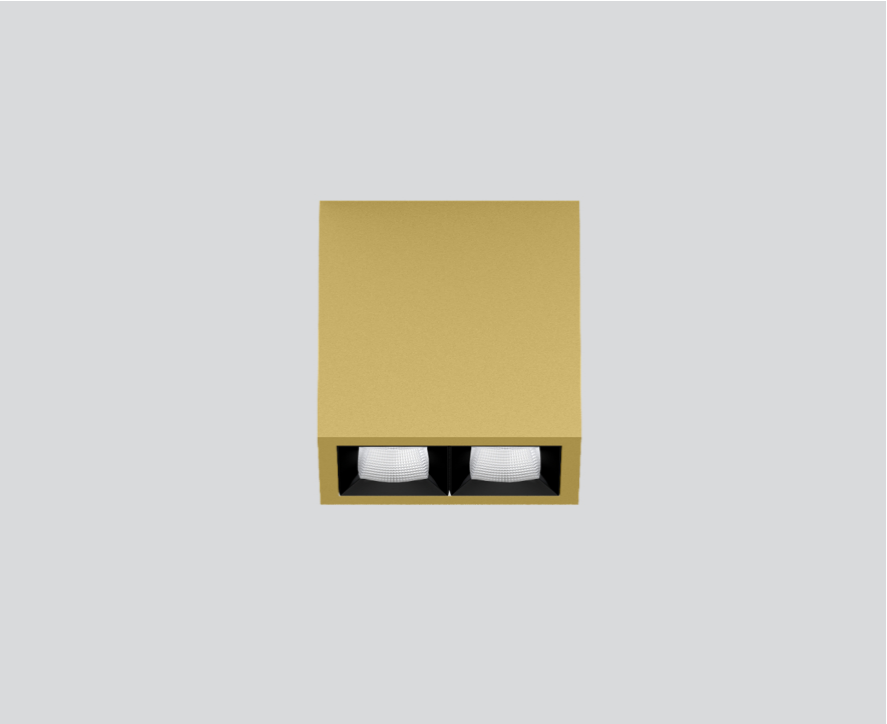
UNICO L2 basic

ceiling

090-1L243F9B01



Project / Type	
Notes	
Count / Date	



General

Ceiling , Surface	
gold , RAL 260-M ¹	
Reflector black	
IP20	
1050 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

flood square	
beam angle 56°	
UGR ≤ 19	
PstLM ≤ 1.0 ²	
SVM ≤ 0.4 ²	

Rectangular surface mounted multi-downlight made of aluminium; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface gold powder coated; equipped with two flood square light elements; symmetrical light distribution with precise radiation characteristic, beam angle 56°; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector black; UGR ≤ 19; 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; PC1; 220-240 V; incl. DALI-2 converter; light source not replaceable; control gear replaceable by an authorized professional; clank-free;

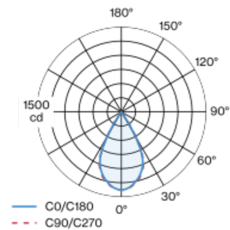
Electrical

DALI-2	
220-240 V	
system 12.6 W	
system 83 lm/W ³	
PC1	

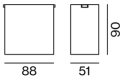
Physical

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	45
B13	59
B16	72
B20	90
C10	77
C13	100
C16	122
C20	153

