

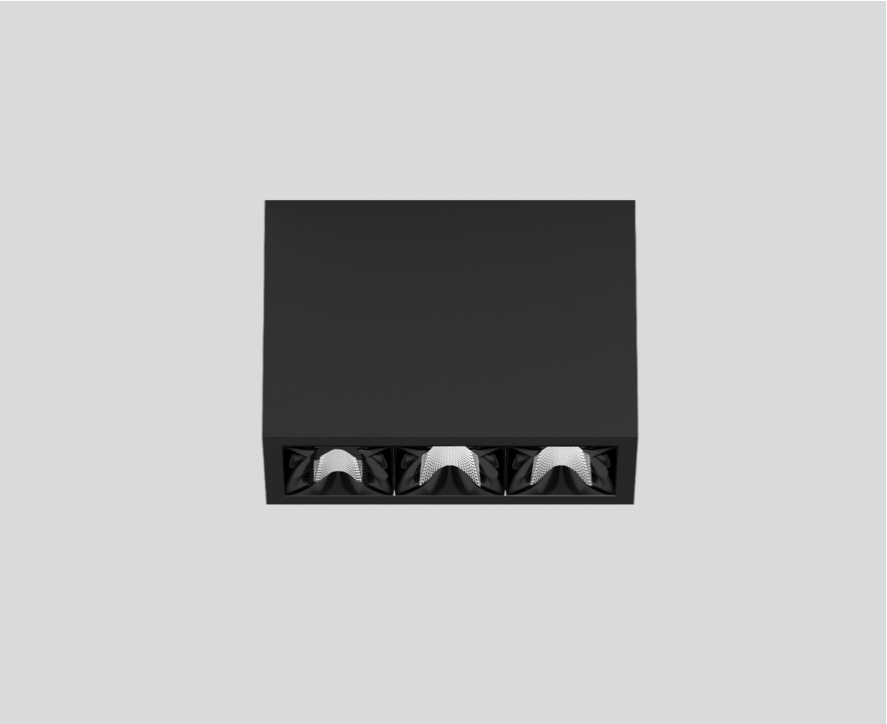
# UNICO L3 basic

ceiling

090-1L363CBB01



Project / Type	
Notes	
Count / Date	



### General

Ceiling , Surface	
black , RAL 9005 <sup>1</sup>	
Reflector black	
IP20	
1770 lm	

### LED

4000 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R <sub>g</sub> : 102 , R <sub>f</sub> : 93 , R <sub>f(1-5)</sub> : 92	
MR 0.81	
MDER 0.74	

### Optical

flood round	
beam angle 49°	
UGR ≤ 19	
PstLM ≤ 1.0 <sup>2</sup>	
SVM ≤ 0.4 <sup>2</sup>	

### Electrical

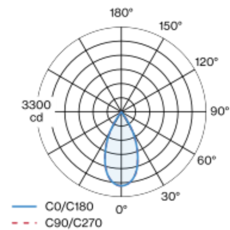
DALI-2	
220-240 V	
system 17.9 W	
system 99 lm/W <sup>3</sup>	
PC1	

### Physical

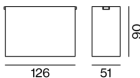
length 126 mm	
width 51 mm	
height 90 mm	
0.45 kg	

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

### Light distribution



### Product drawing



### 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 <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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

