

# UNICO L2basic

ceiling

090-1L243DG001



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Surface	
grey , RAL 9006 <sup>1</sup>	
Reflector chrome	
IP20	
1020 lm	

## LED

2700 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R <sub>g</sub> : 101 , R <sub>f</sub> : 91 , R <sub>t(1-15)</sub> : 89	
MR 0.56	
MDER 0.51	

## Optical

wide flood round	
beam angle 72°	
≥65° <3000 cd/m <sup>2</sup>	
PstLM ≤ 1.0 <sup>2</sup>	
SVM ≤ 0.4 <sup>2</sup>	

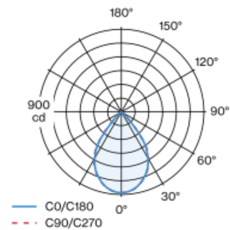
## Electrical

DALI-2	
220-240 V	
system 12.6 W	
system 81 lm/W <sup>3</sup>	
PC1	

## Physical

length 88 mm	
width 51 mm	
height 90 mm	
0.35 kg	

## Light distribution



## Product drawing



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

