TUBO 60

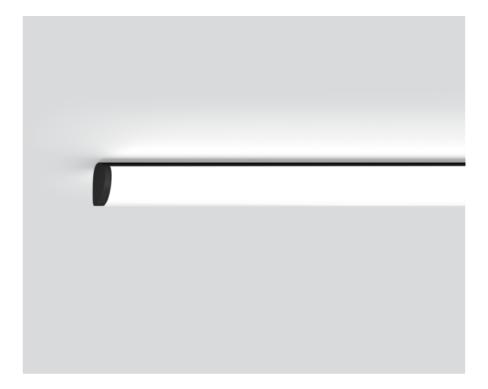
o58-31146380



Project / Type

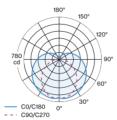
Notes

Count / Date



Carrier profile made of extruded aluminium profile; light-tight end caps in aluminium; converter integrated into luminaire housing; surface jet black powder coated; suitable for wall or ceiling mounting; easy installation using ceiling clips; light control via high quality lens system for maximum, homogeneous illumination; light colour 4000 K; binning initial MacAdam \le 3 SDCM; CRI \ge 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; cylindrical cover made of satin PMMA for uniform illumination; with gentle ceiling illumination; degree of protection IP20; PC1; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing









General

Ceiling / Wall Surface	
jet black RAL 9005	
IP20	
3620 lm	
3060 lm/m	

LED

4000 K	
CRI ≥ 80	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
MR 0.72 MDER 0.65	

Optical

High Performance Opal | opal (lambertsch)
PstLM ≤ 1.0 ¹| SVM ≤ 0.4 ¹

Electrical

DALI-2 1 DALI Addr.	
PC1 220-240 V	
system 27.9 W	
system 130 lm/W ²	
24 W/m	

Physical

length 1210 mm width 60 mm height 60 mm	
1.4 kg	

¹ Value of containing product at full load (undimmed)

Installation instructions





12.08.2025

² incl. consideration of optical losses, internal control unit losses & operating device efficiency

058-31146380



Project / Type		
Notes		
Count / Date		

Maintenance Factors

Operation	ng Time [h]	10 000	20 000	30	000	40 000	50 000
LLMF		0.98	0.96	0.9	94	0.92	0.9
LSF		1	1	1_		1	1
MF MF LMF ^a	LMF × RSMF × LLMF × LSF Maintenance Factor Luminaire Maintenance Factor			RSMF ^a LLMF LSF		ace Maintenanc ens Maintenanc ival Factor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be

Circuit Breaker Types

Number of Fixtures
18
24
30
37
31
40
51
62

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