

# TUBIN 60 CONEX plug / socket

surface / suspended system  
058-5029538C



Project / Type

Notes

Count / Date



Carrier profile made of extruded aluminium profile; converter integrated into luminaire housing; for continuous lighting systems; surface black powder coated; for wall-/ceiling surface mounting or suspended mounting (1500 mm cable suspension - oblique or straight - as an accessory); easy installation using ceiling clips (available as an accessory) or with integrated toolless suspension height adjustment on the luminaire; freely positioned attachment to the luminaire; canopy for through wiring (available as an accessory); electrical connection of the luminaires via plug/socket system; connectors (L-, T- or X-shape) available as an accessory; luminaire connection rotatable around its own axis, which means that any spatial angle can be realized; light control via high quality lens system for maximum, homogeneous illumination; clear, cylindrical cover with linear prismatic optic; with gentle ceiling illumination; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Ceiling / Wall | Surface

black | RAL 9005 <sup>1</sup>

IP20

8430 lm

2870 lm/m

LED

3000 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.56 | MDER 0.51

Optical

Clear Cover | opal (lambertsch)

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

Electrical

DALI-2

PC1 | 220-240 V

system 67 W

system 126 lm/W <sup>3</sup>

plug / socked

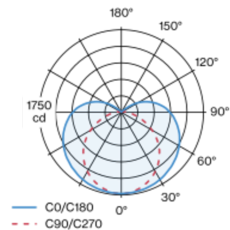
23 W/m

Physical

length 2936 mm | width 60 mm | height 60 mm

<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



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
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 Factor	

<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	12
B13	16
B16	20
B20	26
C10	20
C13	26
C16	33
C20	41

## Mounting accessories

### LINEAR CONNECTOR surface

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
mechanical	pure white	60	058-3013117
mechanical	jet black	60	058-3013118
mechanical & electrical	pure white	60	058-3013127
mechanical & electrical	jet black	60	058-3013128



### LINEAR CONNECTOR suspended

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
mechanical	pure white	60	058-3013217
mechanical	jet black	60	058-3013218
mechanical & electrical	pure white	60	058-3013227
mechanical & electrical	jet black	60	058-3013228



### L CONEX CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
mechanical & electrical	pure white	058-3018727
mechanical & electrical	jet black	058-3018728



### T CONEX CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
mechanical & electrical	pure white	058-3018827
mechanical & electrical	jet black	058-3018828



### X CONEX CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
mechanical & electrical	pure white	058-3018927
mechanical & electrical	jet black	058-3018928



### CONEX FLEX CONNECTOR

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
mechanical & electrical	pure white	60	058-3018627
mechanical & electrical	jet black	60	058-3018628



[058-5029538C] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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## Mounting accessories

### CEILING MOUNTING SET

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	75-20-10	058-3014117
jet black	75-20-10	058-3014118



### CABLE SUSPENSION

TYPE	COLOUR	ARTICLE NUMBER(S)
cable suspension	chrome	058-3014210
cable suspension	black	058-3014218
cable suspension angular max. 60°	chrome	058-3014310
cable suspension angular max. 60°	black	058-3014318



### CONNECTOR CABLE SUSPENSION

COLOUR	ARTICLE NUMBER(S)
chrome	058-3018110
black	058-3018118



### CANOPY

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
pure white	90	005-2600037
jet black	90	005-2600038



## Electrical accessories

### POWER FEEDER surface

TYPE	COLOUR	ARTICLE NUMBER(S)
end cap power feeder	pure white	058-3010217
end cap power feeder	jet black	058-3010218
middle power feeder	pure white	058-3011217
middle power feeder	jet black	058-3011218



### POWER FEEDER suspended

TYPE	COLOUR	ARTICLE NUMBER(S)
end cap power feeder	pure white	058-3010417
end cap power feeder	jet black	058-3010418
middle power feeder	pure white	058-3011317
middle power feeder	jet black	058-3011318
L CONEX power feeder	pure white	058-3018737
L CONEX power feeder	jet black	058-3018738



## Electrical accessories

### ESSENTIAL SENSOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
brightness & presence	pure white	90-60-65	058-3019117
brightness & presence	jet black	90-60-65	058-3019118



### SENSE SENSOR

TYPE	COLOUR	ARTICLE NUMBER(S)
brightness, presence, temperature, sound pressure, humidity, CO2	pure white	058-3019217
brightness, presence, temperature, sound pressure, humidity, CO2	jet black	058-3019218



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## Optical accessories

### END CAP

COLOUR	ARTICLE NUMBER(S)
pure white	058-3010017
jet black	058-3010018



## Optical accessories

### BLIND CHANNEL standard

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
plug/socket   incl. through wiring	pure white	585-60-60	058-4922037
plug/socket   incl. through wiring	jet black	585-60-60	058-4922038
plug/socket   incl. through wiring	pure white	1185-60-60	058-4924037
plug/socket   incl. through wiring	jet black	1185-60-60	058-4924038
plug/socket   incl. through wiring	pure white	2351-60-60	058-4928037
plug/socket   incl. through wiring	jet black	2351-60-60	058-4928038
plug/socket   incl. through wiring	pure white	2936-60-60	058-4929037
plug/socket   incl. through wiring	jet black	2936-60-60	058-4929038



### BLIND CHANNEL CONEX L/T/X

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
socket/socket   incl. through wiring	pure white	585-60-60	058-4932037
socket/socket   incl. through wiring	jet black	585-60-60	058-4932038
socket/socket   incl. through wiring	pure white	1185-60-60	058-4934037
socket/socket   incl. through wiring	jet black	1185-60-60	058-4934038
socket/socket   incl. through wiring	pure white	2351-60-60	058-4938037
socket/socket   incl. through wiring	jet black	2351-60-60	058-4938038
socket/socket   incl. through wiring	pure white	2936-60-60	058-4939037
socket/socket   incl. through wiring	jet black	2936-60-60	058-4939038

