

TUBIN 60 CONEX plug / socket

surface / suspended system
058-5028138C



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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; 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 9005¹

IP20

6280 lm

2670 lm/m

LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_f: 92 | R_{i(1-15)}: 90

MR 0.81 | MDER 0.74

Optical

Clear Cover | opal (lambertsch)

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2

PC1 | 220-240 V

system 54 W

system 116 lm/W³

plug / socket

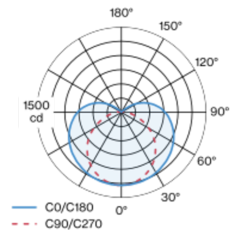
23 W/m

Physical

length 2351 mm | width 60 mm | height 60 mm

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

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 ^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	15
B13	19
B16	24
B20	30
B25	37
C10	24
C13	32
C16	40
C20	49
C25	62

Mounting accessories

LINEAR CONNECTOR surface

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
mechanical	pure white	60	058-301317
mechanical	jet black	60	058-301318
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



[058-5028138C] 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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16.06.2025

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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

