

SETA 60 CONEX

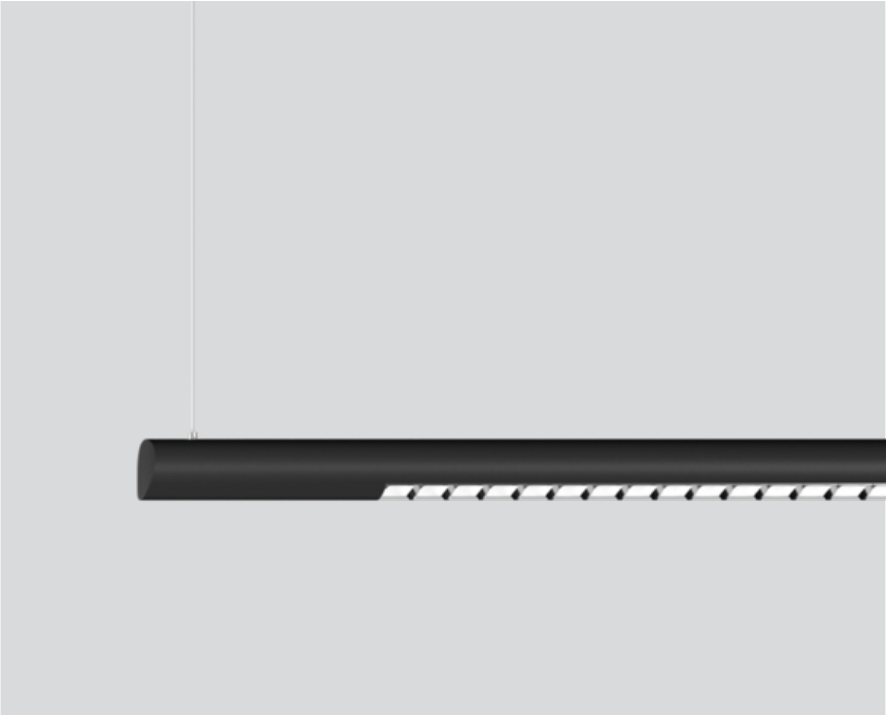
reflector direct / indirect plug / socket

suspended system

058-4129538R



Project / Type	
Notes	
Count / Date	



Luminaire housing made of extruded aluminium profile; extremely slim design (only Ø 60 mm) linear; converter integrated into luminaire housing; for lighting systems; surface jet black powder coated; for suspended mounting (1500 mm cable suspension - oblique or straight - as an accessory); with integrated toolless suspension height adjustment on 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; extruded profile for improved thermal management; high gloss reflector with faceted design; Reflector chrome; direct/indirect illumination characteristic; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, separately controllable; $UGR \leq 13$; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500 \text{ cd/m}^2$; light colour 3000 K; binning initial MacAdam $\leq 3 \text{ SDCM}$; CRI ≥ 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 Suspended
jet black RAL 9005
Reflector chrome
IP20
indirect 8140 lm direct 7940 lm
total 16080 lm

LED

3000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam $\leq 3 \text{ SDCM}$
MR 0.56 MDER 0.51

Optical

Reflector symmetric
$UGR \leq 13$ $\geq 65^\circ < 1500 \text{ cd/m}^2$
$P_{stLM} \leq 1.0$ $SVM \leq 0.4$ ¹

Electrical

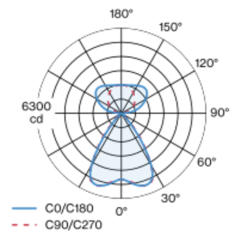
DALI-2 2 DALI Addr.
PC1 220-240 V
system 110 W
system 146 lm/W ²
plug / socked

Physical

length 2936 mm width 60 mm height 60 mm

¹ Value of containing product at full load (undimmed)
² 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	0.98	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	5
B13	7
B16	9
B20	11
C10	9
C13	12
C16	15
C20	19



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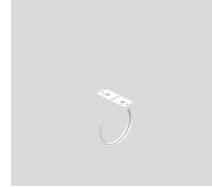
Notes

Count / Date

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



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Project / Type _____

Notes _____

Count / Date _____

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



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Notes

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Electrical accessories

END CAP POWER FEEDER surface

COLOUR
pure white
jet black

ARTICLE NUMBER(S)
058-3010217
058-3010218



MIDDLE POWER FEEDER surface

COLOUR
pure white
jet black

ARTICLE NUMBER(S)
058-3011217
058-3011218



END CAP POWER FEEDER suspended

COLOUR
pure white
jet black

ARTICLE NUMBER(S)
058-3010417
058-3010418



MIDDLE POWER FEEDER suspended

COLOUR
pure white
jet black

ARTICLE NUMBER(S)
058-3011317
058-3011318



L CONEX POWER FEEDER suspended

COLOUR
pure white
jet black

ARTICLE NUMBER(S)
058-3018737
058-3018738



Electrical accessories

ESSENTIAL SENSOR

TYPE
brightness & presence
brightness & presence

COLOUR
pure white
jet black

L-W-H (MM)
90-60-65
90-60-65

ARTICLE NUMBER(S)
058-3019117
058-3019118



SENSE SENSOR

TYPE
brightness, presence, temperature, sound pressure, humidity, CO2
brightness, presence, temperature, sound pressure, humidity, CO2

COLOUR
pure white
jet black

ARTICLE NUMBER(S)
058-3019217
058-3019218



[058-4129538R] 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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Optical accessories

END CAP

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



ø 60
12

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

