

SETA 60 CONEX

reflector direct / indirect

socket / socket

suspended system

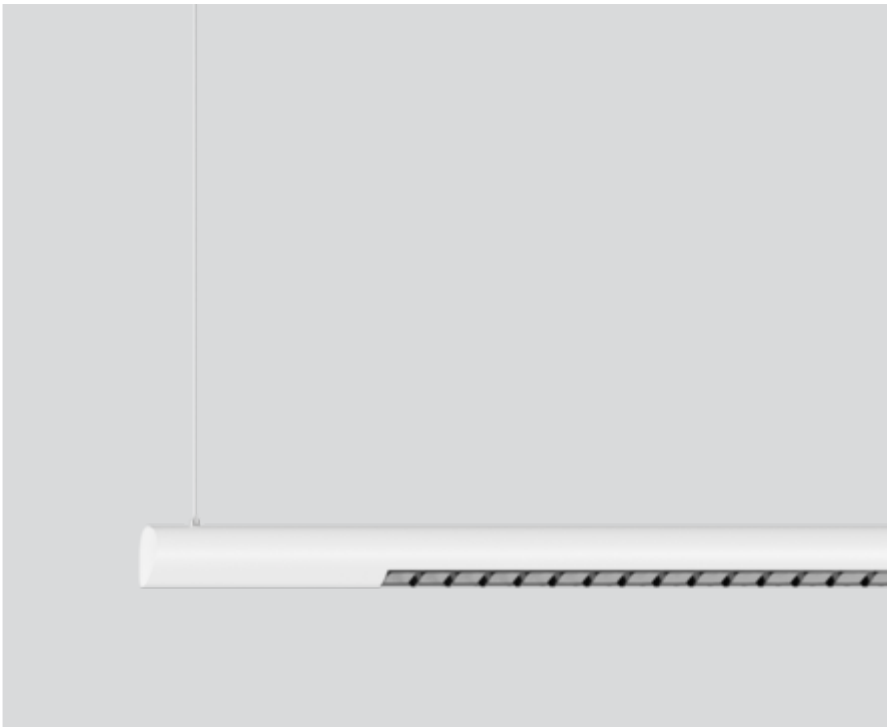
058-4139137B



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 white 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; direct/indirect illumination characteristic; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, separately controllable; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; 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 | Suspended _____

white | RAL 9010 ¹ _____

dark chrome _____

IP20 _____

indirect 7580 lm | direct 5290 lm _____

total 12870 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L90 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

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

MR 0.81 | MDER 0.74 _____

Optical

Reflector | symmetric _____

UGR ≤ 13 | ≥ 65° < 1500 cd/m² _____

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ² _____

Electrical

DALI-2 | 2 DALI Addr. _____

PC1 | 220-240 V _____

system 110 W _____

system 117 lm/W ³ _____

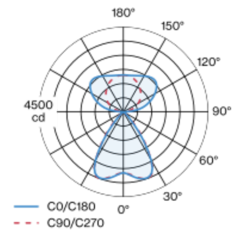
socket / socket _____

Physical

length 2936 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



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

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



[058-4139137B] 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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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

