

SETA 60 CONEX reflector direct / indirect plug / socket

suspended system

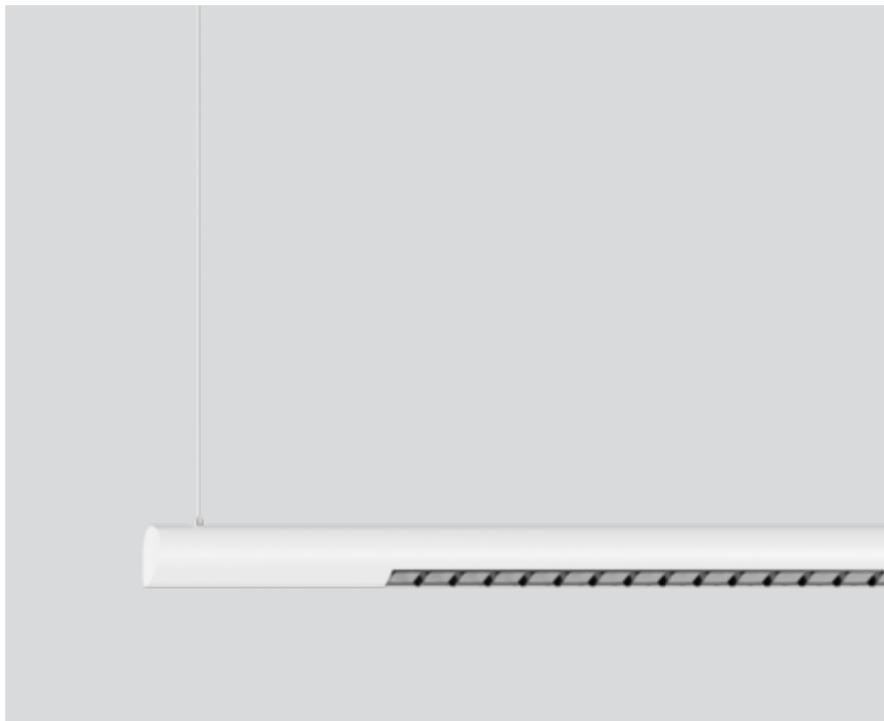
058-4124137B



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended
white , RAL 9010 ¹
dark chrome
IP20
indirect 3030 lm
direct 1760 lm
total 4790 lm

LED

4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 99 , R_r: 92 , R₍₁₋₁₅₎: 90
MR 0.81
MDER 0.74

Optical

Reflector
symmetric
UGR < 13 , ≥65° <1500 cd/m²
P_{stLM} ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

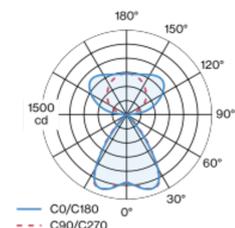
DALI-2
220-240 V
system 42 W
system 114 lm/W³
PC1
2 DALI Addr.

Physical

length 1181 mm
width 60 mm
height 60 mm

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;

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)

³ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

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
 MF Maintenance Factor
 LMF^a Luminaire Maintenance Factor

RSMF^a Room Surface Maintenance Factor
 LLMF Lamp Lumens Maintenance Factor
 LSF Lamp Survival Faktor

^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	20
B16	25
B20	31
C10	26
C13	33
C16	42
C20	52

Mounting accessories

LINEAR CONNECTOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical incl. opal cover connector	pure white		058-3013117
mechanical incl. opal cover connector	jet black		058-3013118
mechanical & electrical incl. opal cover connector	pure white		058-3013127
mechanical & electrical incl. opal cover connector	jet black		058-3013128
mechanical incl. opal cover connector	pure white	60-18-7	058-3013217
mechanical incl. opal cover connector	jet black	60-18-7	058-3013218
mechanical & electrical incl. opal cover connector	pure white	37-23-10	058-3013227
mechanical & electrical incl. opal cover connector	jet black	37-23-10	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

COLOUR	ARTICLE NUMBER(S)
pure white	058-3018627
jet black	058-3018628



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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)
	chrome	058-3014210
	black	058-3014218
angular max. 60°	chrome	058-3014310
angular max. 60°	black	058-3014318



CONNECTOR CABLE SUSPENSION

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



CANOPY

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
DALI-2	pure white	90	005-2600037
DALI-2	jet black	90	005-2600038



Electrical accessories

END CAP POWER FEEDER

TYPE	COLOUR	ARTICLE NUMBER(S)
	pure white	058-3010217
	jet black	058-3010218
5 × 1.5 mm ²	pure white	058-3010417
5 × 1.5 mm ²	jet black	058-3010418



MIDDLE POWER FEEDER

TYPE	COLOUR	ARTICLE NUMBER(S)
	pure white	058-3011217
	jet black	058-3011218
5 × 1.5 mm ²	pure white	058-3011317
5 × 1.5 mm ²	jet black	058-3011318



L CONEX POWER FEEDER

TYPE	COLOUR	ARTICLE NUMBER(S)
5 × 1.5 mm ²	pure white	058-3018737
5 × 1.5 mm ²	jet black	058-3018738



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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



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)
incl. through wiring	pure white	585-60-60	058-4922037
incl. through wiring	jet black	585-60-60	058-4922038
incl. through wiring	pure white	1185-60-60	058-4924037
incl. through wiring	jet black	1185-60-60	058-4924038
incl. through wiring	pure white	2351-60-60	058-4928037
incl. through wiring	jet black	2351-60-60	058-4928038
incl. through wiring	pure white	2936-60-60	058-4929037
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)
incl. through wiring	pure white	585-60-60	058-4932037
incl. through wiring	jet black	585-60-60	058-4932038
incl. through wiring	pure white	1185-60-60	058-4934037
incl. through wiring	jet black	1185-60-60	058-4934038
incl. through wiring	pure white	2351-60-60	058-4938037
incl. through wiring	jet black	2351-60-60	058-4938038
incl. through wiring	pure white	2936-60-60	058-4939037
incl. through wiring	jet black	2936-60-60	058-4939038

