



PROJECT

TYPE

NOTES

QUANTITY

DATE



48V track spotlight made from die-cast aluminium; surface Black Matt + Champagne; powder coated; matt texture; polycarbonate track adapter in Signal Black; inner ring black; spotlight head 355° rotatable and 90° tiltable; beam angle 31°; with COB (Chip on Board) technology for maximum efficiency; non dim; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; 48 V; degree of protection IP20; Class 3; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by an authorized professional;

LUMINAIRE

Ceiling
Track
tilt max 90 °
rotation 355 °
Black Matt + Champagne
IP20
Interior
480 lm

LED Module

2700 K
CRI ≥ 90
L70 / 55000h
≤ 2 SDCM (initial MacAdam)
507 lm
73 lm/W^a

Optical

Medium (standard)
beam angle 31°
CIE flux code: 99 100 100 100
100

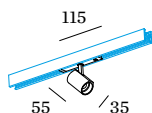
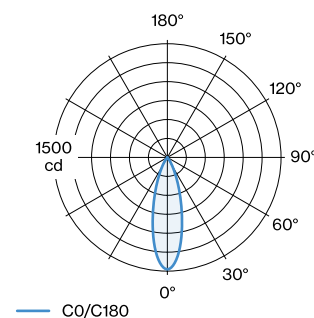
Electrical

non dim
48 V
Class III

Physical

diameter 35 mm
height 55 mm
0.11 kg
adapter 115 mm
incl. Strex 48 V track adapter

LIGHT DISTRIBUTION



^a Without electrical and optical losses



CONE DIAGRAM

medium (standard) 30°

h (m)	E0° (lx)	ø (m)
1	1480	0.53
2	370	1.06
3	160	1.60
4	90	2.13
5	60	2.66

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.92	0.87	0.83	0.79	0.75
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 Factor

^aAccording to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

TRACK ACCESSORIES

Blank Cover 2m

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system	Black		2000·18·3	911002B0
STREX system	White		2000·18·3	911002W0

Connector

Type	Colour	Voltage	L·H (MM)	Item number
STREX system	White		105·18	90014196
STREX system	Black		105·18	90014197

DALI Selv Device

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system			213·37·25	90019193

End Cap

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system surface/suspended	White		26·2.5·29	90014147
STREX system surface/suspended	Black		26·2.5·29	90014148
STREX system recessed	White		37·10·27	90014149
STREX system recessed	Black		37·10·27	90014150
STREX system surface/suspended	Champagne		26·2.5·29	90014347
STREX system surface/suspended	Bronze		26·2.5·29	90014348


L-Connector

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system surface/suspended	White		105-105-19	90014198
STREX system surface/suspended	Black		105-105-19	90014199
STREX system recessed	White		105-105-19	90014251
STREX system recessed	Black		105-105-19	90014252
STREX system surface/suspended	Champagne + Black		105-105-19	90014398
STREX system surface/suspended	Bronze + Black		105-105-19	90014399

L-Connector non-electrical

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system recessed	White		105-105-19	90014256
STREX system recessed	Black		105-105-19	90014257
STREX system surface	White		105-105-19	90014258
STREX system surface	Black		105-105-19	90014259
STREX system surface	Champagne + Black		105-105-19	90014458
STREX system surface	Bronze + Black		105-105-19	90014459

Mounting Bracket

Type	Colour	Voltage	Item number
STREX system recessed			90014193

Power Feed

Type	Colour	Voltage	L·H (MM)	Item number
STREX system	Black		112-18	90014154

Suspension Set

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system 1.5m suspended	Stainless Steel		80-23-1500	90014160
STREX system 3.0m suspended	Stainless Steel		80-23-3000	90014161
STREX system 1.5m suspended	Black		80-23-1500	90014274
STREX system 3.0m suspended	Black		80-23-3000	90014275

T-Connector

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system surface	White		275-146-18	90014292
STREX system surface	Black		275-146-18	90014293

X-Connector

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system surface	Black		275-275-18	90014294
STREX system surface	White		275-275-18	90014295

ELECTRICAL ACCESSORIES
Ceiling Driver 100W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended	White		439-26-44	90014368
STREX system suspended	Black		439-26-44	90014369

Ceiling Driver 150W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended	White		439-26-44	90014372
STREX system suspended	Black		439-26-44	90014373



Driver Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system 100W		48V	350-30-18	90218901
STREX system 150W		48V	350-30-18	90218902
STREX system 250W		48V	400-40-22	90218903

In Line Driver 100W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended	White		439-26-44	90014360
STREX system suspended	Black		439-26-44	90014361
STREX system surface	White		439-26-44	90014366
STREX system surface	Black		439-26-44	90014367

In Line Driver 150W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended	White		439-26-44	90014362
STREX system suspended	Black		439-26-44	90014363
STREX system surface	White		439-26-44	90014370
STREX system surface	Black		439-26-44	90014371

In Track Driver 100W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system surface	Black		438-16-18	90014143
STREX system surface	White		438-16-18	90014144
STREX system suspended	White		3000	90014157
STREX system suspended	Black		3000	90014174
STREX system surface	Black		468-26-29	90014176
STREX system surface	White		468-26-29	90014178
STREX system surface	Bronze + Black		468-26-29	90014376
STREX system surface	Champagne + Black		468-26-29	90014378

In Track Driver 250W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system surface	Black		408-16-18	90014145
STREX system surface	White		408-16-18	90014146
STREX system suspended	White		3000	90014158
STREX system suspended	Black		3000	90014175
STREX system surface	Black		438-26-29	90014177
STREX system surface	White		438-26-29	90014179
STREX system surface	Bronze + Black		438-26-29	90014377
STREX system surface	Champagne + Black		438-26-29	90014379

Power Feeder for Suspension

Type	Colour	Voltage	Item number
	Black Texture		90018000

Suspended Remote Driver 100W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended	White		150-26-44	90014374
STREX system suspended	Black		150-26-44	90014375

Suspended Remote Driver 150W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended	White		150-26-44	90014380
STREX system suspended	Black		150-26-44	90014381


Suspended Remote Driver 250W

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended	White		150·26·44	90014390
STREX system suspended	Black		150·26·44	90014391

OPTICAL ACCESSORIES
Honeycomb Louver

Type	Colour	Voltage	Ø (MM)	Item number
BLIEK PETIT CENO LECA PIRRO	Black		29	90051131

TRACKS
Track Profile 1m

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system surface/suspended	White		1000·26·29	90014181
STREX system custom cut surface/suspended	White		200-999·26·29	90014181CC
STREX system surface/suspended	Black		1000·26·29	90014182
STREX system custom cut surface/suspended	Black		200-999·26·29	90014182CC
STREX system recessed	White		1000·37·33	90014187
STREX system custom cut recessed	White		200-999·37·33	90014187CC
STREX system recessed	Black		1000·37·33	90014188
STREX system custom cut recessed	Black		200-999·37·33	90014188CC

Track Profile 2m

Type	Colour	Voltage	L·W·H (MM)	Item number
STREX system suspended indirect light	Black		2000·26·29	900140B5
STREX system custom cut suspended indirect light	Black		1000-1999·26·29	900140B5CC
STREX system suspended indirect light	White		2000·26·29	900140W5
STREX system custom cut suspended indirect light	White		1000-1999·26·29	900140W5CC
STREX system surface/suspended	White		2000·26·29	90014183
STREX system custom cut surface/suspended	White		1001-1999·26·29	90014183CC
STREX system surface/suspended	Black		2000·26·29	90014184
STREX system custom cut surface/suspended	Black		1001-1999·26·29	90014184CC
STREX system recessed	White		2000·37·33	90014189
STREX system custom cut recessed	White		1001-1999·37·33	90014189CC
STREX system recessed	Black		2000·37·33	90014190
STREX system custom cut recessed	Black		1001-1999·37·33	90014190CC
STREX system surface/suspended	Champagne		2000·26·29	90014383
STREX system custom cut surface/suspended	Champagne		1001-1999·26·29	90014383CC
STREX system surface/suspended	Bronze		2000·26·29	90014384
STREX system custom cut surface/suspended	Bronze		1001-1999·26·29	90014384CC


Track Profile 3m

Type	Colour	Voltage	L-W-H (MM)	Item number
STREX system surface/suspended	White		3000-26-29	90014185
STREX system custom cut surface/suspended	White		2001-2999-26-29	90014185CC
STREX system surface/suspended	Black		3000-26-29	90014186
STREX system custom cut surface/suspended	Black		2001-2999-26-29	90014186CC
STREX system recessed	White		3000-37-33	90014191
STREX system custom cut recessed	White		2001-2999-37-33	90014191CC
STREX system recessed	Black		3000-37-33	90014192
STREX system custom cut recessed	Black		2001-2999-37-33	90014192CC
STREX system suspended indirect light	Black		3000-26-29	900141B5
STREX system custom cut suspended indirect light	Black		2001-2999-26-29	900141B5CC
STREX system suspended indirect light	White		3000-26-29	900141W5
STREX system custom cut suspended indirect light	White		2001-2999-26-29	900141W5CC
STREX system surface/suspended	Champagne		3000-26-29	90014385
STREX system custom cut surface/suspended	Champagne		2001-2999-26-29	90014385CC
STREX system surface/suspended	Bronze		3000-26-29	90014386
STREX system custom cut surface/suspended	Bronze		2001-2999-26-29	90014386CC