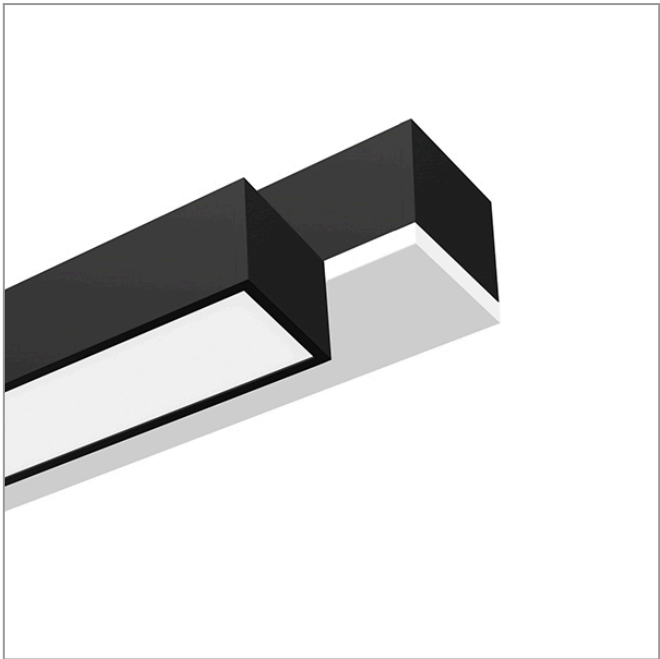


Lichtkanal-configurator

Configuration 19.12.2024 13:07:48 (Reference number 253677)

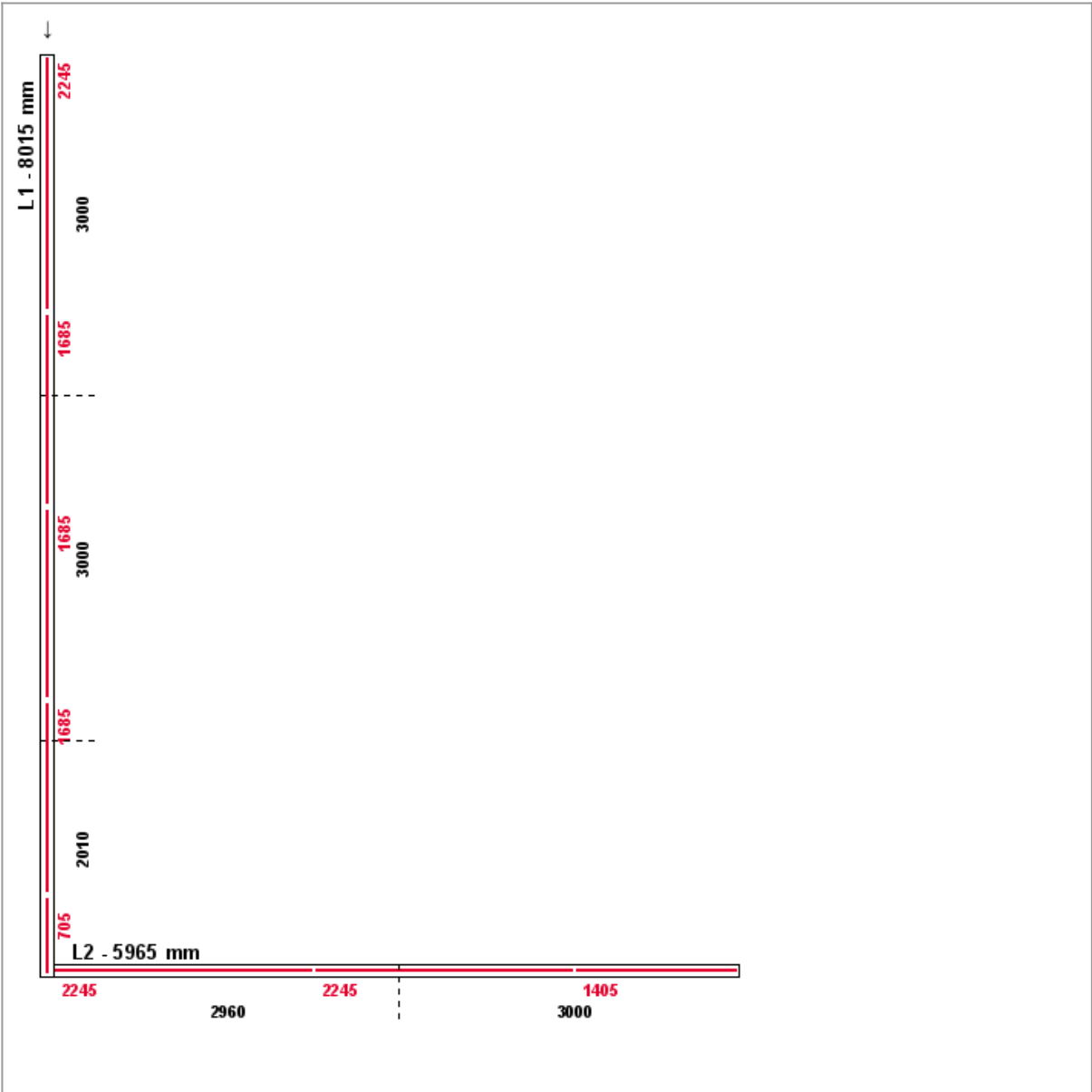


Description	Selection
Language	english
System	Lichtkanal 60 (LK 060) - New generation
Mounting type	Pendant profile (wire-rope length 3m)
Radiation characteristic	Opal diffuse foil
Colour	black
Control	DALI
Colour temperature in K	3000
System power/m - Luminous flux/m	15 W - 2213 lm (LK-L 060.10)
Shape	2 legs (L-form)
Length L1 in mm	8015
Length L2 in mm	5965



Lichtkanal-configurator

Configuration 19.12.2024 13:07:48 (Reference number 253677)



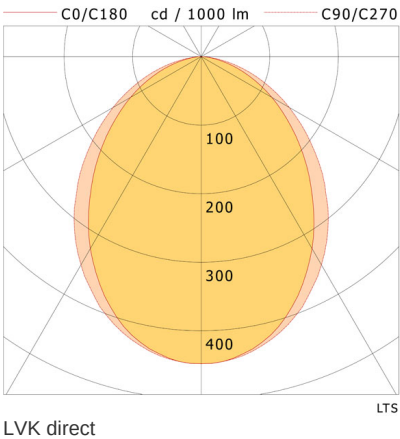
— Light inserts

Top view

Downward lighting distribution

Junctions available on request!

Indicated leg dimensions in the drawing are always outside dimensions!



Part list - Total price: 3.383,04 € - Ref.-No. 253677

Number	Art-nr.	Type	Length	Price	Other
Length L1 - 8.015 mm (Dark spot: 0 mm)					
2	662718	LK-P 060.001 OAG/3000	3000 mm	466,00 €	surface-mounted and pendant profile black
1	662541	LK-P 060.001 OAG/...	2010 mm	199,82 €	surface-mounted and pendant profile black (incl. mitre 45°)
2	652148	STRL-LK-Z 070-060.102.00		26,00 €	connector kit linear
1	667899	LK-L 060.10830.2245.1/DALI	2245 mm	240,00 €	light-insert
3	667896	LK-L 060.10830.1685.1/DALI	1685 mm	663,00 €	light-insert
1	667629	LK-L 060.10830.0705.1/DALI	705 mm	143,00 €	light-insert
1	662566	LK-Z 060.110		15,00 €	earthing kit with angle connectors
1	668634	STRL-LK060-Z 691.OPDF.10		62,00 €	light-control foil "opal diffuse" (length: 10 m)
Length L2 - 5.965 mm (Dark spot: 0 mm)					
1	662541	LK-P 060.001 OAG/...	2960 mm	277,72 €	surface-mounted and pendant profile black (incl. mitre 45°)
1	662718	LK-P 060.001 OAG/3000	3000 mm	233,00 €	surface-mounted and pendant profile black
1	652148	STRL-LK-Z 070-060.102.00		13,00 €	connector kit linear
2	667899	LK-L 060.10830.2245.1/DALI	2245 mm	480,00 €	light-insert
1	667894	LK-L 060.10830.1405.1/DALI	1405 mm	202,00 €	light-insert
1	668634	STRL-LK060-Z 691.OPDF.10		62,00 €	light-control foil "opal diffuse" (length: 10 m)
Accessories					
1	662550	LK-Z 060.001		20,00 €	end covers (2 pieces) black - Thickness of end cover 5 mm
1	668370	LK-Z 060.111		2,50 €	earthing kit for linear connectors
1	659965	LK-Z 060.103.03/DIM		36,00 €	wire-rope kit with feed-in DALI (5-core, length: 3000 mm) black, Cable black (transparent on request)
11	662766	LK-Z 060.104.03		242,00 €	wire-rope kit without feed-in (length: 3000 mm) black

The total net weight is 32,59 kg.

The temperature-dependant material expansion of aluminium is to be taken into account with 1 mm per meter for the cutout.

This is a non-binding budget calculation, depending on the final configuration, minor changes may occur.

Prices are calculated on list price basis, plus value added tax.

Prices are approximate public prices in Euros, based EXW Tett nang (Germany).

For country specific prices please send an e-mail to sales@lts-light.eu.

We will forward your request to our local representative and ask them to send a detailed quotation to you.

Lichtkanal-configurator

Configuration 19.12.2024 13:07:48 (Reference number 253677)



☐ Approved

Date

Name (printed)

Signature

Lichtkanal 060 | Surface-Mounted & Pendant

Lichtkanal 060: Architectural light-line suitable for any mounting type. After assembly, a foil is inserted quickly and easily into the section, which produces the beam angle. This not only offers tremendous advantages for installation but also ensures that joints are hidden. The wide range of applications is determined by two power stages for each light-insert, two colour temperatures and different beam angles like narrow beam, wide beam and batwing. For the beam angles narrow beam and batwing the LTS designed nanoOptix lense foils are first used (thickness 0.6 mm). Another highlight are the 360° glare-free light-inserts for workplace lighting.

Profiles

Lichtkanal 060 surface-mounted and pendant profile (length made-to-measure) for architectural lighting design, high-quality extruded aluminium profile for easy ceiling, wall or suspended mounting, light control via highly efficient nanoOptix foils from LTS with microlens structure and various beam characteristics (batwing/wide-beam, narrow-beam, wallwasher) or via standard "opal diffuse" foil or opal diffuser glass protruding, LTS nanoOptix foils are optionally available up to 150 m in length (advantages: no abutting edges, continuous homogeneous light pattern over the entire length of the foil), very easy tool-free click mounting and through-connection of light inserts, system components are separately listed below

Note: The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at $dT = 10$ Kelvin

Dimensions (WxH): 60 x 50 mm

Safety: CE,RoHS

Protection type: IP20

Length L1 - 8015 mm

2 x LK-P 060.001 OAG/3000 - Lichtkanal 060 surface-mounted & pendant profile without diffuser (length: 3000 mm), suitable for foils and opal diffuser protruding

1 x LK-P 060.001 OAG/... - Lichtkanal 060 surface-mounted & pendant profile without diffuser (made-to-measure), suitable for foils and opal diffuser protruding, Partial length: 2010 mm

Length L2 - 5965 mm

1 x LK-P 060.001 OAG/... - Lichtkanal 060 surface-mounted & pendant profile without diffuser (made-to-measure), suitable for foils and opal diffuser protruding, Partial length: 2960 mm

1 x LK-P 060.001 OAG/3000 - Lichtkanal 060 surface-mounted & pendant profile without diffuser (length: 3000 mm), suitable for foils and opal diffuser protruding

Light inserts

LED / 830 / CRI 80 / 3000 K

Supply voltage: 220 - 240 V / 50 - 60 Hz

Safety: CE,RoHS

Protection class: I

Lifetime: L90 B50 50.000 h / L80 B50 100.000 h / L80 B20 50.000

3 x LK-L 060.10830.2245.1/DALI

Cover: Opal diffuse foil

System power: 33.1 W

Luminous flux: 4980 lm

Dimensions (LxWxH): 2245 x 50 x 37 mm

3 x LK-L 060.10830.1685.1/DALI

Cover: Opal diffuse foil

System power: 24.8 W

Luminous flux: 3740 lm

Lichtkanal-configurator

Configuration 19.12.2024 13:07:48 (Reference number 253677)



Dimensions (LxWxH): 1685 x 50 x 37 mm

1 x LK-L 060.10830.0705.1/DALI

Cover: Opal diffuse foil

System power: 10.3 W

Luminous flux: 1560 lm

Dimensions (LxWxH): 705 x 50 x 37 mm

1 x LK-L 060.10830.1405.1/DALI

Cover: Opal diffuse foil

System power: 20.7 W

Luminous flux: 3140 lm

Dimensions (LxWxH): 1405 x 50 x 37 mm

Accessories

3 x STRL-LK-Z 070-060.102.00 - connector kit linear

1 x LK-Z 060.110 - earthing kit with angle connectors

2 x STRL-LK060-Z 691.OPDF.10 - light-control foil "opal diffuse" (length: 10 m)

1 x LK-Z 060.001 - end covers (2 pieces) black - Thickness of end cover 5 mm

1 x LK-Z 060.111 - earthing kit for linear connectors

1 x LK-Z 060.103.03/DIM - wire-rope kit with feed-in DALI (5-core, length: 3000 mm) black

11 x LK-Z 060.104.03 - wire-rope kit without feed-in (length: 3000 mm) black

Brand: LTS



Data Sheet Pack

In Partnership with

FAGERHULT

LIGHTING PACK

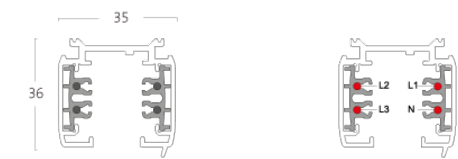
www.greggs.co.uk

Art.no. 46802



Lighting Track Pro

DESIGN	
Colour Black	RAL 9005
DIMENSIONS	
Length, mm	3000



Lighting Track Pro is a wide range of tracks and accessories. It gives you virtually unlimited possibilities to design your own ceiling system for track mounted lighting.

Installation Lighting Track Pro can either be surface mounted, wire pendant or recessed into the ceiling.

Connection Lighting Track Pro is a 4 circuit track with, 3 phases and 1 neutral plus protective earth, designed for 230V, 3x16A current max 3,68 kVA.

Design The rail is in extruded aluminium and the accessories are in plastic. Lighting Track Pro comes in three different colors, white (RAL 9016), black (RAL 9005) and grey (RAL 9006). The recessed version is only available in white (RAL 9016).

Art.no. 46852

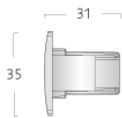


Track end cap

Track end cap

DESIGN

Colour Black



Art.no. 46810

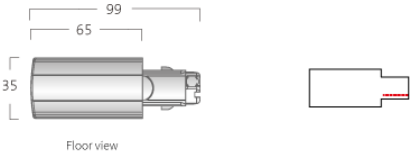


Track main end feed

Track main end feed left

DESIGN

Colour Black



Art.no. 46822

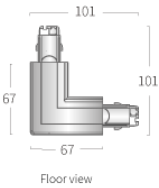


Track L-coupler

Track L-coupler left

DESIGN

Colour Black



Art.no. 46849

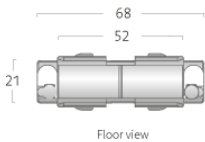


Track mini joiner

Track mini joiner

DESIGN

Colour Black



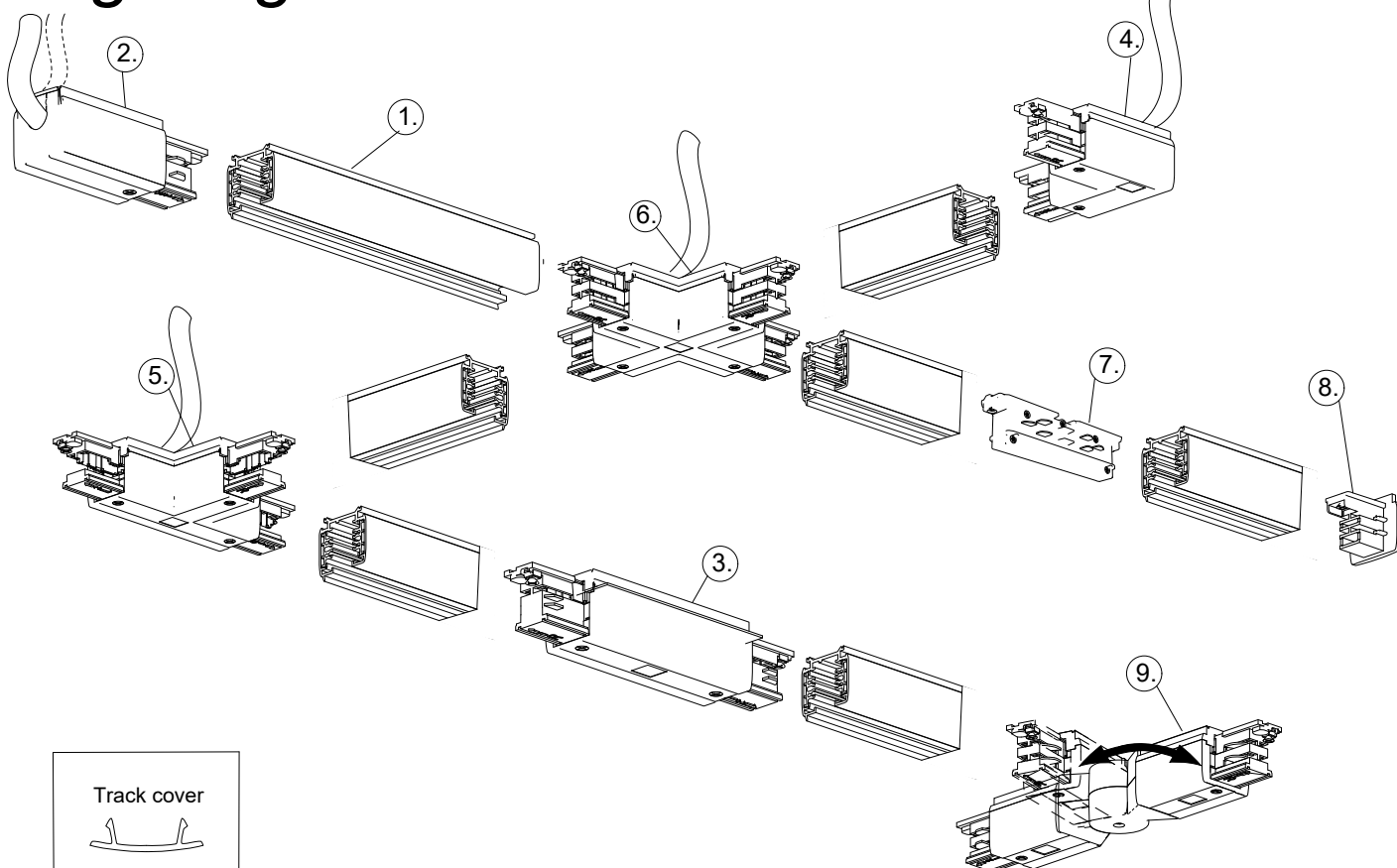
Art.no. 97952

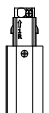
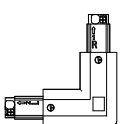
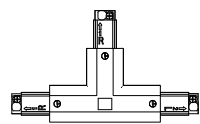
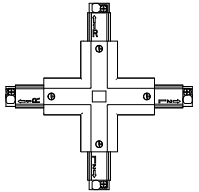


Pendant package for track 4 m incl. bracket

Pendant package for track 4 m incl. bracket, black. 10 pieces.

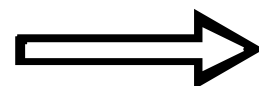
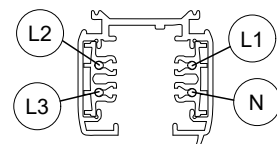
Lighting Track Pro

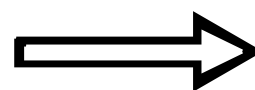
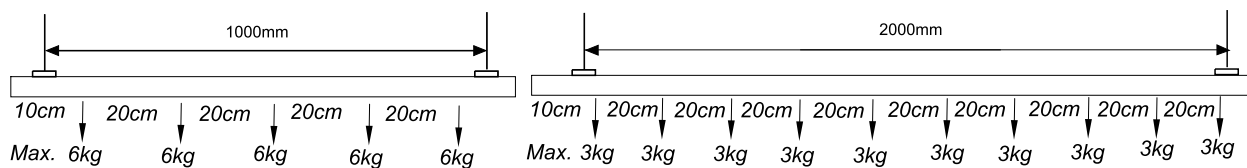
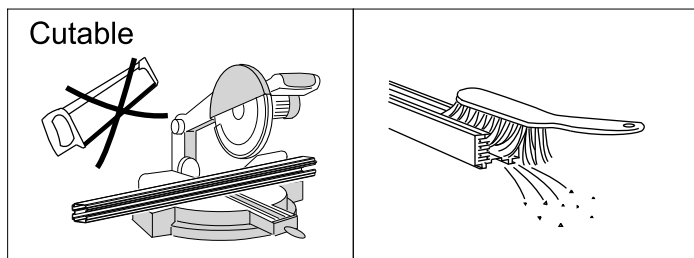
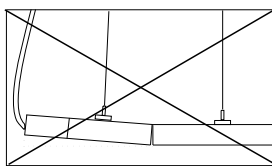
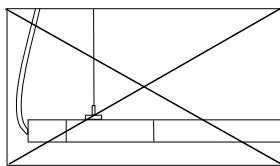
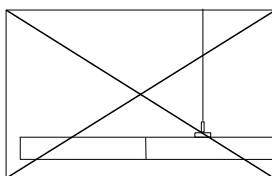
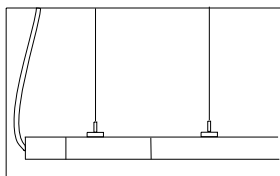
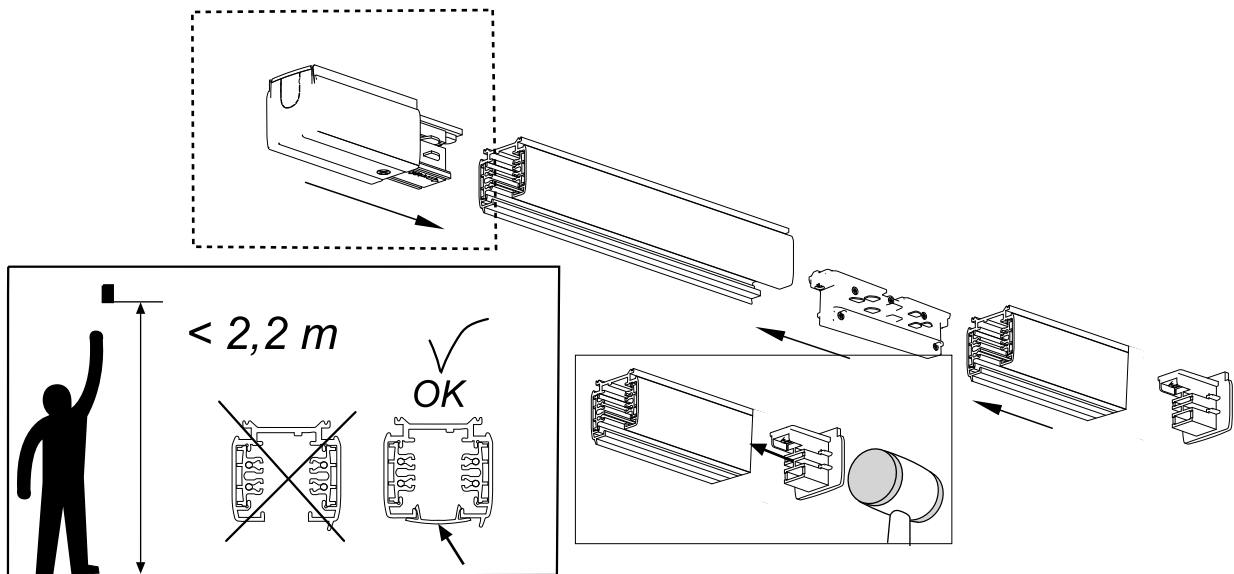


Track cover 					
Supply Coupler	Linear Coupler	L- Coupler	T- Coupler	X- Coupler	Adjustable- Coupler
					

No	Part	White	Grey	Black	Reces. White
1	Track 3-phase PRO-0430 3000mm	46800	48601	48602	46806
2	Track main end feed Left PRO-0431L	46808	46809	46810	46862
2	Track main end feed Right PRO-0431R	46811	46812	46813	46863
3	Track middle feed PRO-0434	46814	46815	46816	46864
4	Track L-coupler left PRO-0435L	46820	46821	46822	46865
4	Track L-coupler right PRO-0435R	46823	46824	46825	46866
5	Track T-coupler L1 PRO-0436L1	46826	46827	46828	46867
5	Track T-coupler L2 PRO-0436L2	46829	46830	46831	46868
5	Track T-coupler R1 Pro-0436R1	46832	46833	46834	46869
5	Track T-coupler R2 PRO-0436R2	46835	46836	46837	46870
6	Track X-coupler PRO-0437	46838	46839	46840	46871
7	Track mini joiner PRO-0433	46847	46848	46849	
8	Track end cap PRO-0432	46850	46851	46852	
	Pendant package for Track 4m incl. bracket	97903	97904	97905	
	Track cover 2000 mm	46891		46890	

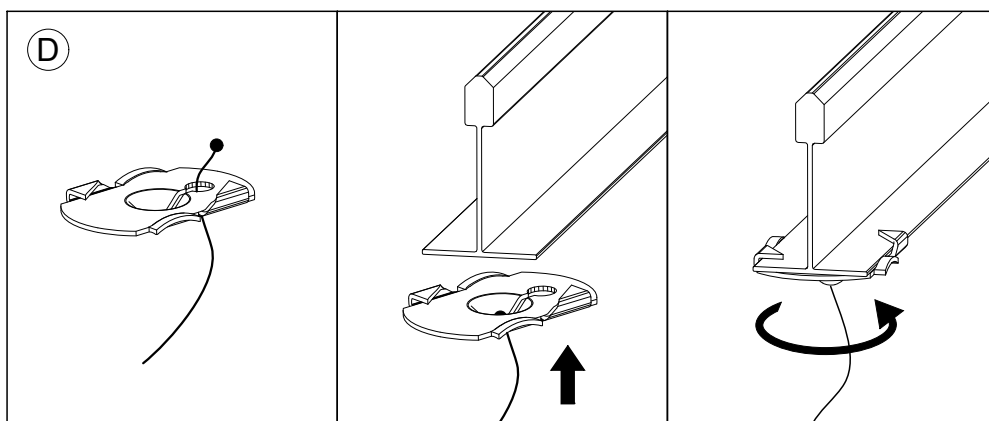
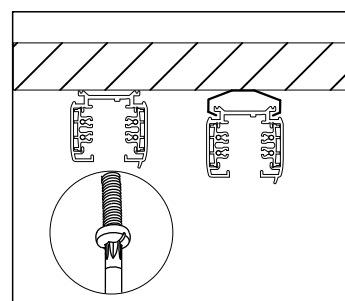
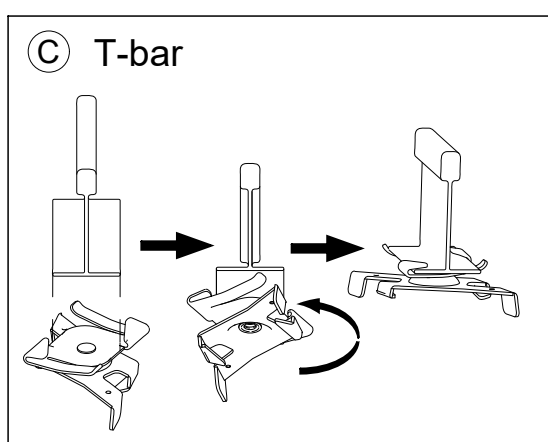
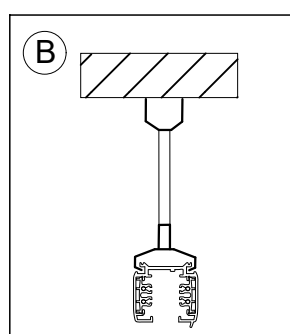
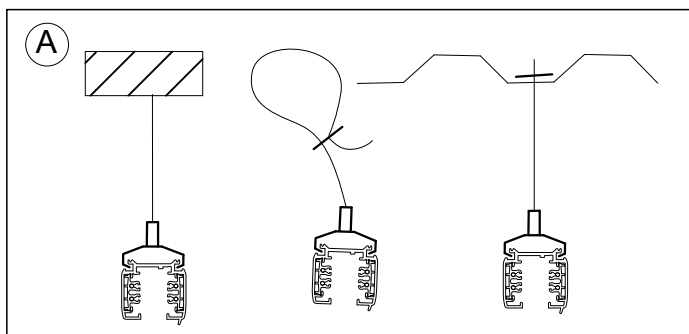
Line positions
in the track



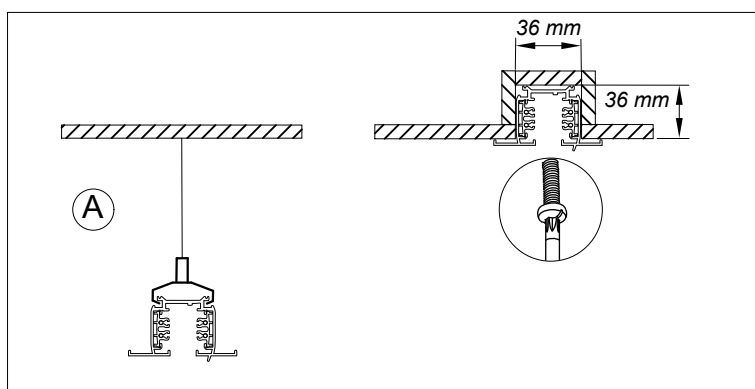
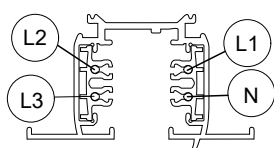


Accessories / Suspension alternatives

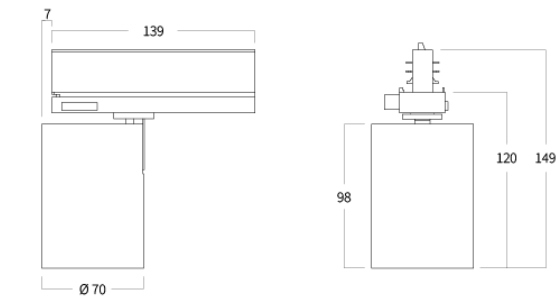
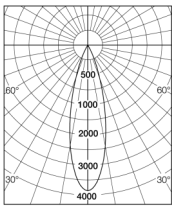
		WHITE	GREY	BLACK
A	COMPLETE PENDANT PACKAGE 4M WIRE	97903	97904	97905
B	M6 ROD CEILING PACKAGE 2M	46872	46873	46874
C	TRACK CLIP FOR T-BAR CEILING	46853	46856	46857
D	CLIPS T-BAR CEILING FOR WIRE PACKAGE	97147	-	97764



Recessed



Art.no. 58793
EAN 7316911406934



The Streamer Mini spotlight is a luminaire for 3-phase track systems, and with dip switches on the driver, the luminous flux is easily adjusted in 4 steps.

Installation 3-phase lighting track, Lighting Track Pro.

Design Frame in cast aluminium (99-100% recycled).
Colour: white (RAL 9016) or black (RAL 9005) structured lacquer.

Reflector Reflector segmented in MIRO material.

Light distribution Narrow, medium or wide light distribution.

Rail 3-phase lighting track, Lighting Track Pro.

Adapter 3-phase adapter for On/Off.

LED-information 3000K BBBL CRI 90

Miscellaneous The luminaire is supplied in a current of 500 mA, but the luminous flux and output can easily be lowered in steps of 400, 350, or 250 mA via dip switches on the driver.

Streamer Mini spotlight

Medium Beam, 3-phase track, On/off, HL

DESIGN

Installation 3-phase track	Light distribution Medium Beam
Beam angle, ° 28	Tilt, ° 90
Turn, ° 360	Colour Black

LIGHT DATA & PERFORMANCE

Lumen output 2446	lm/W 137
CCT, K 3000 BBBL	CRI 90
SDCM 2	Lumen maintenance 35 000 h L94
Lumen maintenance 50 000 h L92	Lumen maintenance 75 000 h L88
Lumen maintenance 100 000 h L85	LED driver, h/max failure % 50000/10
Energy class, LED module D	

CONTROLS & CONNECTIVITY

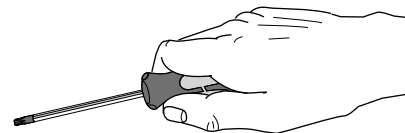
Light control On/off	Driver brand Vlinca
ZD4i Certified False	Daylight functionality False

ELECTRICITY & ENCLOSURE

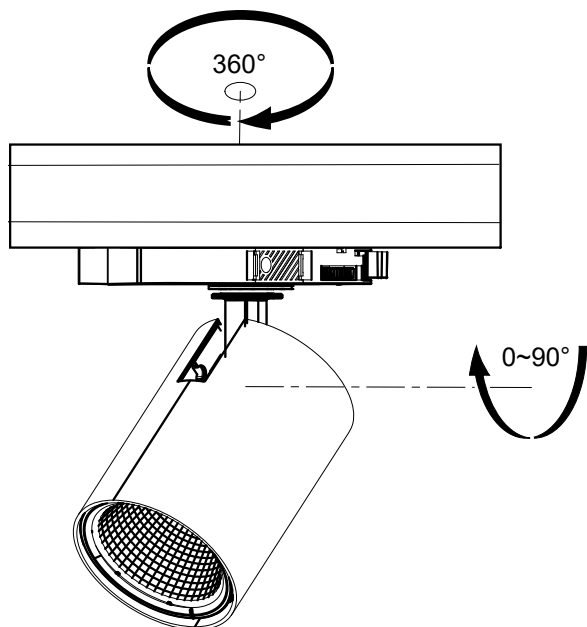
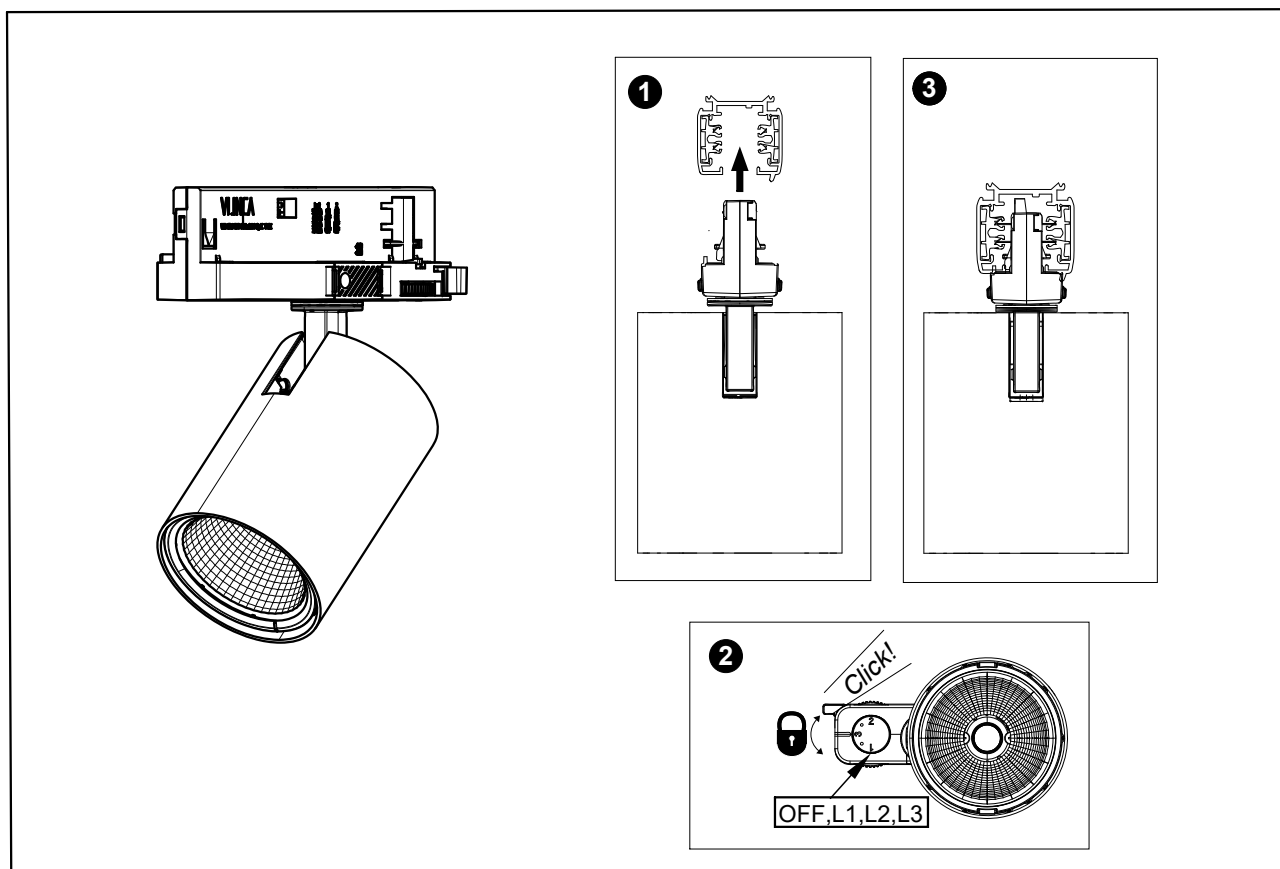
Rated supply voltage, V 220-240	Mains frequency, Hz 50, 60
Protective class 2	IP rating 20
System Wattage 18	Min. ambient temperature, °C -20
Max. ambient temperature, °C 25	MCB B10A, pcs 21
MCB B16A 35	MCB C10A 36
MCB C16A 58	THD, % 9
Power factor, 100 % 0.97	

DIMENSIONS

Length, mm 139	Width, mm 70
Height, mm 150	Weight, kg 0.3



Streamer Mini



LUMEN	I.out	1	2
HL	500mA	ON	ON
MHL	400mA	—	ON
MLL	350mA	ON	—
LL	250mA	—	—

Default 500mA

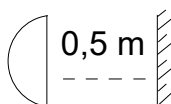
(S) Ljuskälla och drivdon ska enbart bytas ut av tillverkaren eller dess utsedda person.

(GB) The light source and control gear shall only be replaced by the manufacturer or its designated person.

(S) Det är lämpligt att denna information överlämnas till användaren av anläggningen.

Minimum avstånd från belyst föremål

Minimum distance from lighted object



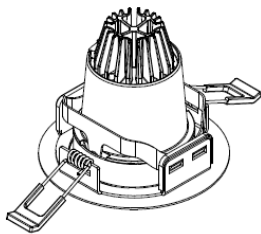
(GB) It is appropriate that this information is passed on to the users of the installation.

Manufactured by Fagerhult
For UK market importer Fagerhult UK
33-34 Dolben Street, London, SE1 0UQ

Loupe 80 Round

IP20

LED



Art. No.1391960

DESIGN

Color White RAL 9016
Diameter, mm 104
Height, mm 89

Weight, kg 0.3

TECHNICAL DATA

Installation Recessed
IP, 20
Connection Cable with connector

Protective class III
Lamp LED

ELECTRICAL DATA

Effect, W 19
Rated supply voltage, V 220-240
Mains frequency, Hz 50/60
Power factor, 0.9

THD, <15%
Ripple, <3%

LIGHTING DATA

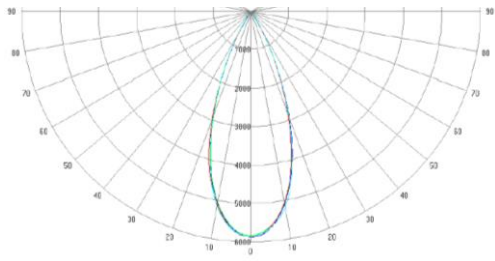
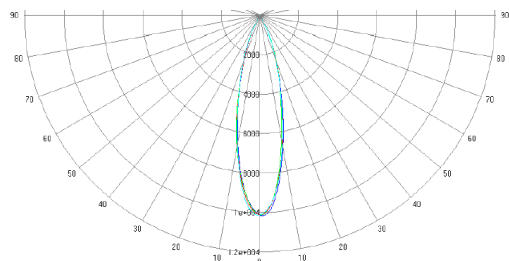
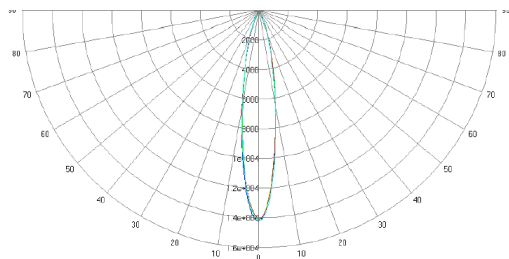
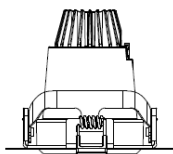
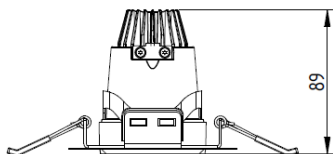
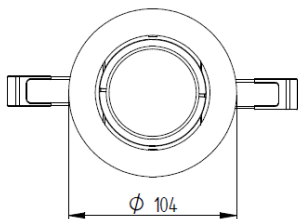
Light distribution Direct
Lumen output, lm 2100
lm/W 110
Lumen maintenance L80,
50,000 h
LED driver, C10, 50,000h

CCT, K 3000
CRI >90
SDCM <3

OTHERS

Installation Recessed mounting in ceilings.

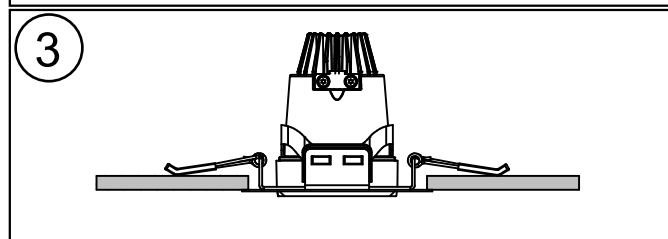
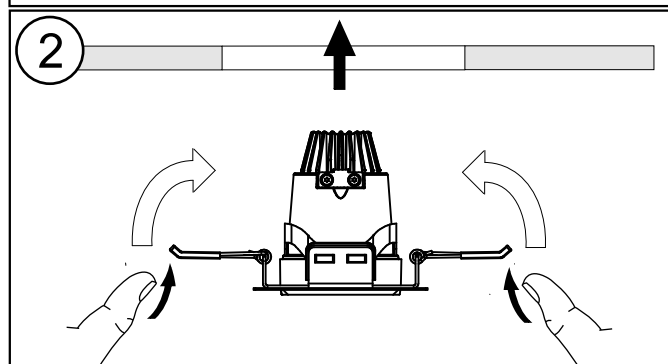
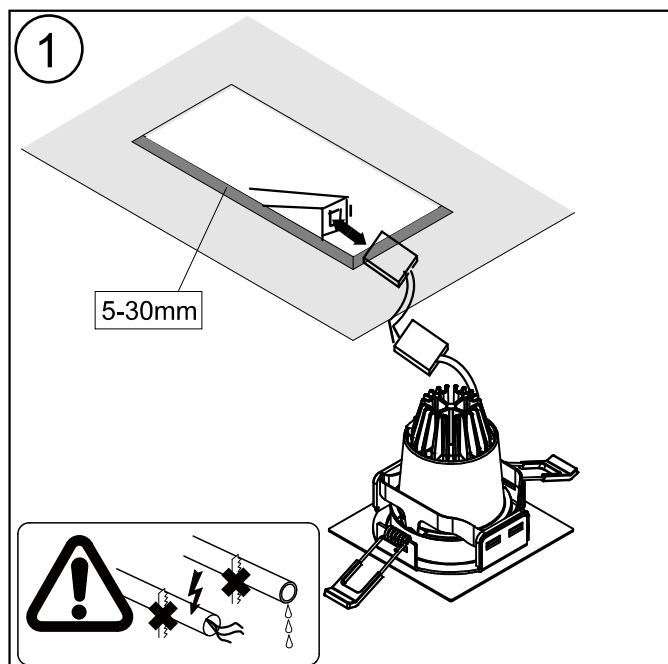
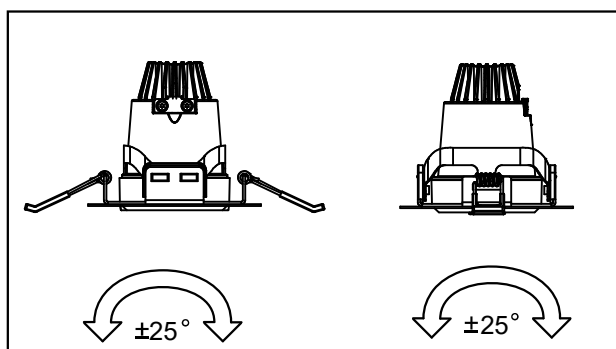
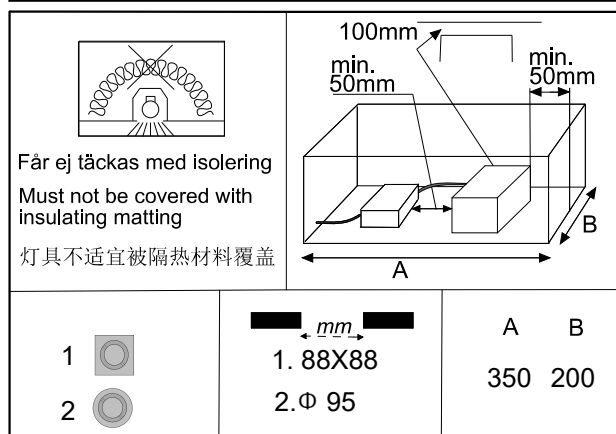
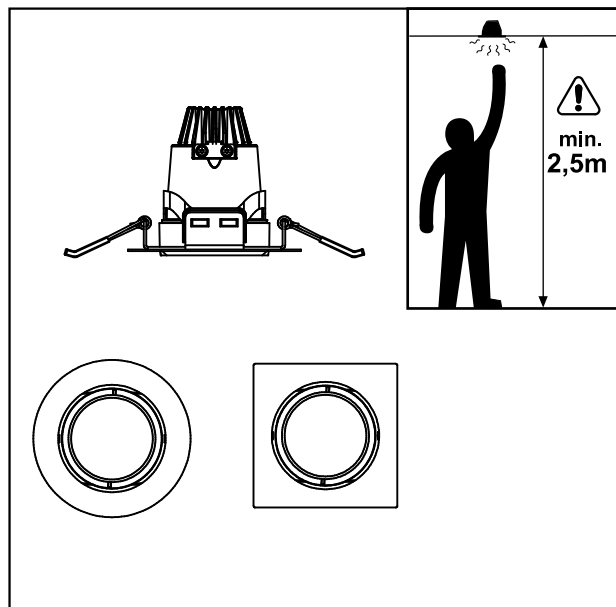
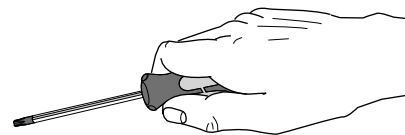
Loupe 80 Round is Recessed version of Loupe 80, it can match common driver or casambi driver.
The installation man should put the housing assembly into the ceiling hole ($\Phi 95$), and then the installation finished.



FAGERHULT

Loupe 80 REC

SE - 566 80 Habo



- (S)** Denna produkt innehåller en ljuskälla med energi effektivitets klass D.
(GB) This product contains a light source of energy efficiency class D.

- (S)** Det är lämpligt att denna information överlämnas till användaren av anläggningen.
(GB) It is appropriate that this information is passed on to the users of the installation.
(D) Diese informationen sind für den Benutzer der Anlage vorgesehen.
(SF) Nämä ohjeet tulee säilyttää ja luovuttaa kiinteistön käyttäjälle.
(CH) 此说明书应妥善的交予安装人员使用。

- (S)** Om armaturens kabel skulle skadas eller om armaturen inte fungerar som den ska, skall dessa komponenter kontrolleras/bytas av tillverkaren eller av tillverkaren utsedd person.
(GB) If the luminaire cable is damaged or if the luminaire is not working properly, it shall exclusively be checked/replaced by the manufacture or by the manufacture designated person.
(CH) 如果灯具无法正常工作或者电线有破损，必须由生产厂家或者厂家指定人员进行检查或更换。

- (S)** Ljuskällan och drivdon ska enbart bytas ut av tillverkaren eller hans utsedda person.
(GB) The light source and control gear contained in this luminaire shall only be replaced by the manufacture, his service agent or similar qualified person.
(CH) 此灯具的光源和驱动必须由生产厂家或者厂家指定人员进行更换。

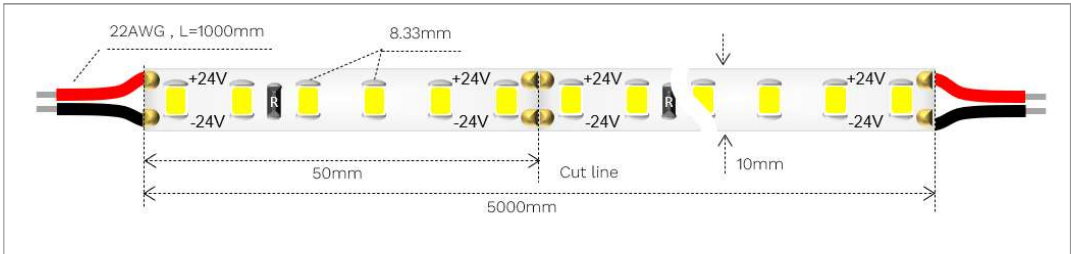
Fagerhult Lighting System (Suzhou) Co. Ltd
No.11 Workshop 99 Gangtian Road, Suzhou Industrial Park Suzhou 215021, China

法格赫照明 (苏州) 有限公司
中国江苏省苏州市工业园区港田路99号港田工业坊11号厂房 邮编: 215021

Greggs Linear LED Fixture

PRODUCT DESCRIPTION

Greggs Linear fixtures using our Fusion Flex 19.2w per metre LED strip in the 1815 profile with opal diffuser and adjustable mounting



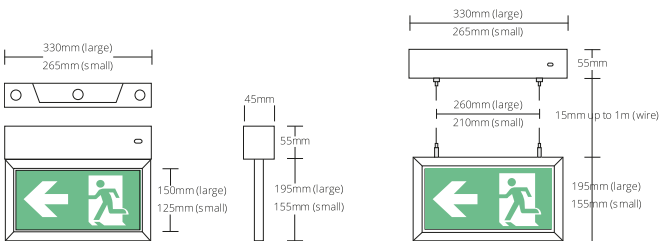
TECHNICAL INFORMATION

Product Code	LL/SP/1/120/19.2/3000/20
Product Group	LED Strip
Power Consumption	19.2w/m
Supply Voltage	DC24V
LEDs per metre	120
Cutting Interval	50mm
LED Pitch	8.33mm
Cable Gauge	22 AWG

Width / Height	10mm / 1.7mm
Type	Constant Voltage
Efficacy / Lumem	101lm/w / 1940lm/m (@ 3000k)
IP Rating Options	IP20
CRI	Ra≥90
MacAdam Step	2SDCM
Control Gear	On/Off
Lifetime	50.000 hours at L80

Linear REF	3013783	3013805	13013804	3013806	
Linear Length options	1200mm	2400mm	1200mm	2400mm	
Linear Profile Finish	Black	Black	White	White	

Art.no.: MXL/ESA09/M3



LED exit sign luminaires offering ease of installation and featuring a first fix plate. The attractive slim body and legend plate then clips into position.

Installation Surface mounted or suspended via pendant. A fix-first plate is installed first and the legend plate then clips into place.

Operation Maintained operation as standard providing 3 hour duration, can also be configured for non-maintained operation if required. Stand-alone manual, Self-Test or DALI versions available.

Connection 230 V-50Hz. Cable entry at the top and back (first fix plate).

Operation Polycarbonate base with specially screen printed legends to ensure uniform illumination across the safety sign.

Operation Complete set of EC & ISO legends are supplied with each luminaire. Luminaire fully complies with EN60598.2.22. Central battery version available upon request. Surface Mounted Wire Suspended, 3 hour duration, Maintained, Switched Maintained, Non-Maintained with complete set of EC and ISO format Legend Panels (right/left/down/up).

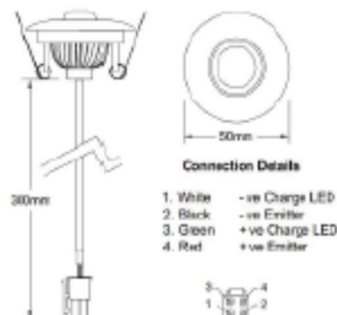
MexLITE

LED exit sign

DESIGN	
Colour White	Weight, kg 2.5
	Module 125 x 265
TECHNICAL DATA	
Insulation class II	IP rating 20
ELECTRICAL DATA	
System, W 2.1 (maintained operation).	System, z 3.6V-900 mAh NiCd.
LIGHTING DATA	
Lumen output 3480	SDCM 3
lm/W 127	CRI 80
Lumen maintenance L90 B50, h 50 000	CCT, K 5000
LED driver, h/max failure 100 000/10 %	Light source LED



- 135 ° Beam Angle
- Standard, Self-Test and DALI Options Available
- High Output - Up to 268 Delivered Lumen
- Supplied With Plugs and Leads
- Requires a 40mm to 43mm Cut-Out
- Features Halo Effect Bi-Colour Charge LED
- IP54 Ingress Protection as Standard



The LED/43/OA is a discrete emergency LED which is designed for ceiling recess applications. The bezel has a diameter of 50mm and the cut out required is 40mm to 43mm. The main LED can be driven up to 700mA and provides up to 268 lumen. The body also features our Design Protected, Halo effect bi-colour LED; green for charge healthy and red for fault indication of self-test functionality.

Spacing Table @ 700mA:

Mounting Height	To Wall		Between Fittings	
	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
2.5m	5.4m	4.5m	12.6m	10.7m
3.0m	5.9m	4.7m	14m	11.7m
4.0m	6.6m	-	16.2m	13.2m
5.0m	0.3m	-	17.8m	0.7m
6.0m	-	-	19m	-

Technical Details:

Input Voltage	4V DCMax	Output at 350mA	156 Delivered Lumen
Power Rating	3W	Output at 550mA	224 Delivered Lumen
Maximum Forward Current	700mA	Output at 700mA	268 Delivered Lumen
Light Source	Samsung LH315B	Wiring Method	Series Connection via C4201 Plug
Beam Angle	135 °	Ingress Protection	IP54 (not including control gear)
Light Source Colour Temperature	6500K	Dimensions	Ø 50mm x 45mm (min void 40mm from bezel)
Tc Max	80 ° LED Back Plate	Weight	0.057Kg