

 **ikizler** Since **1982**
"worth the light"

LINEAR CONTINUOUS LIGHTING SYSTEMS

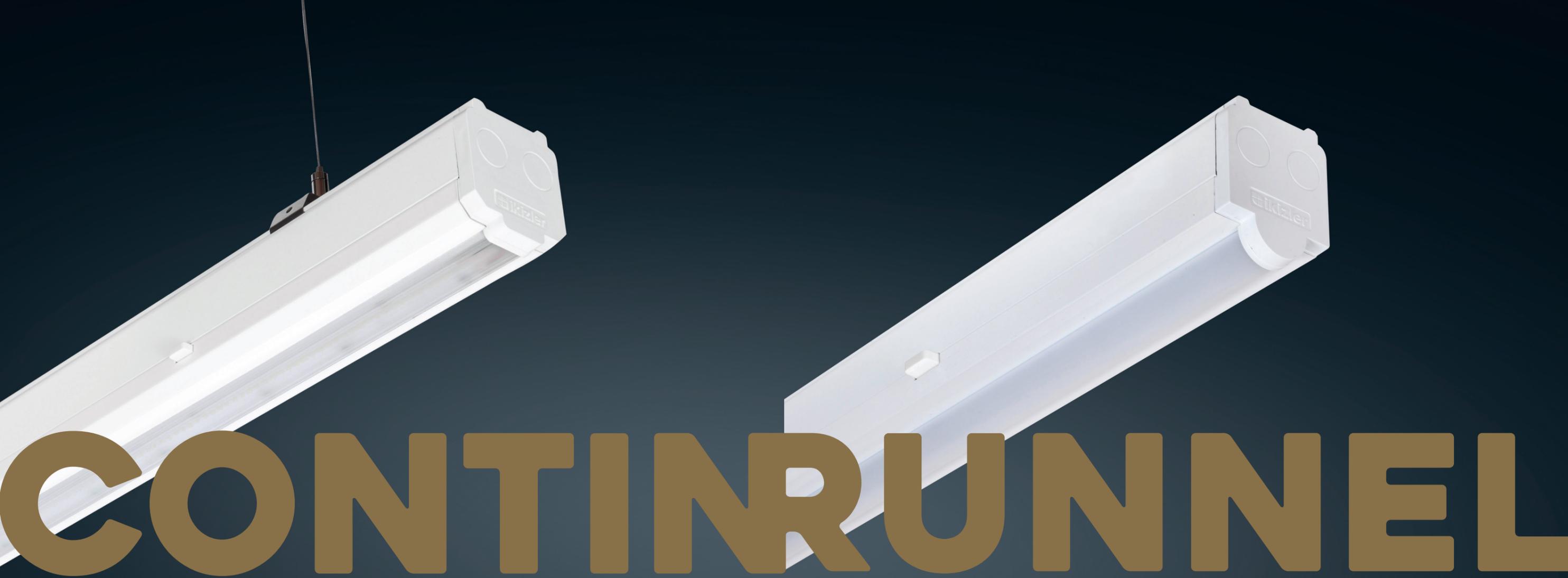
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24 CATALOG



İkizler Lighting offers its users functionality and efficiency together with its LED Continuous Lighting Fixtures developed for general and shelf lighting in large-volume stores and markets.

Compatible with different optical options that allow directing light at various angles.

It is easy to install and allows energy saving, offering different mounting options.



CONTINRUNNEL

Trunking Lighting System

CONTIN and RUNNEL, trunking lighting systems offer quick and easy installation; combining high quality with a modular light system and offer a uniform linear light source.

It is frequently preferred in industrial areas, logistics facilities and supermarkets due to its modular structure.

Its flexible modular structure and special design facilitate the assembly and combinations of the product.

With the continuous current supply feature along the duct line, energy transfer is provided without the use of tools through flexible connector placements within the duct.

This flexibility allows the installation of additional luminaires desired to be included in the system and the rapid renewal of existing installations.

This system also replaces cable trays and cables, making system installation very economical.

Connectors with 5/7/9/11 conductor option input are available inside the channel.

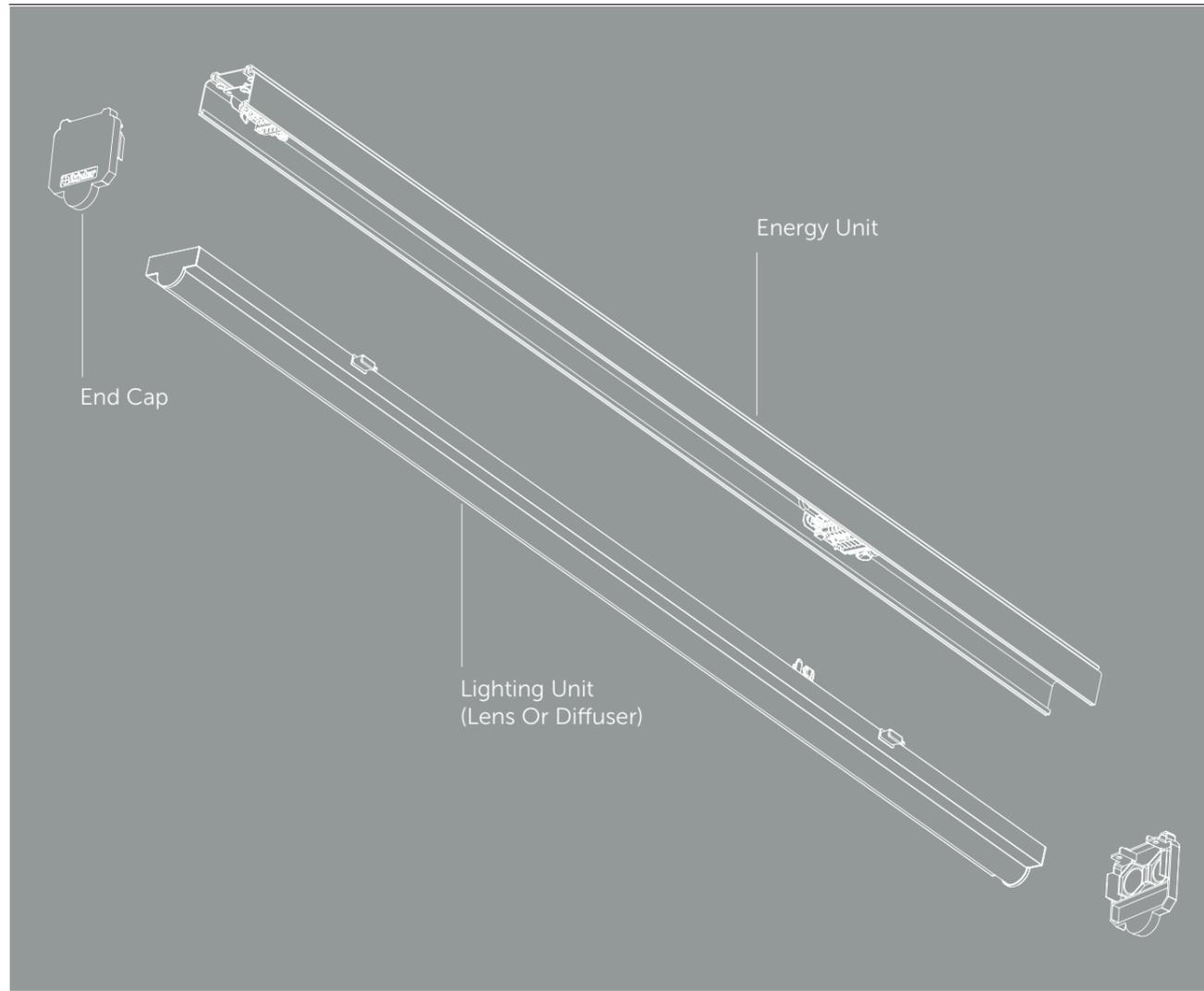
Energy-carrying aluminum rail channel length maximum 3m and the lighting unit is maximum 1.7m long.

Various accessories including motion sensors, emergency lighting unit can be used.

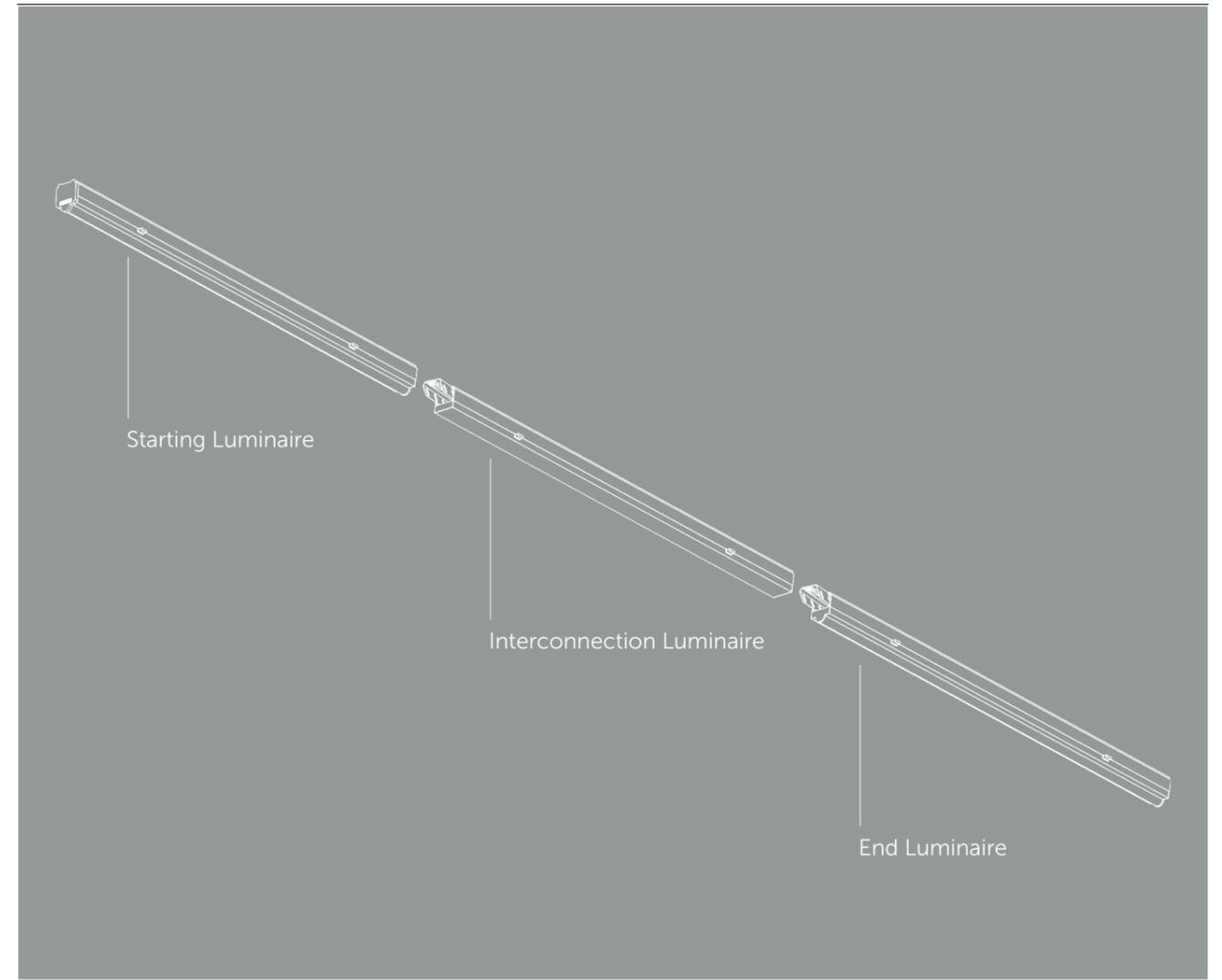
Advantages

- Easy installation and ease of maintenance.
- More than 35% reduction in installation costs compared to traditional installations with the advantage of tool-free installation.
- High efficiency factor.
- Modular lighting flexibility with the option of continuous or intermittent application of lighting units on the rail channel.
- Reduction of system cost with different length and fixture options specific to the project.
- Variety of optics specific to the application area.

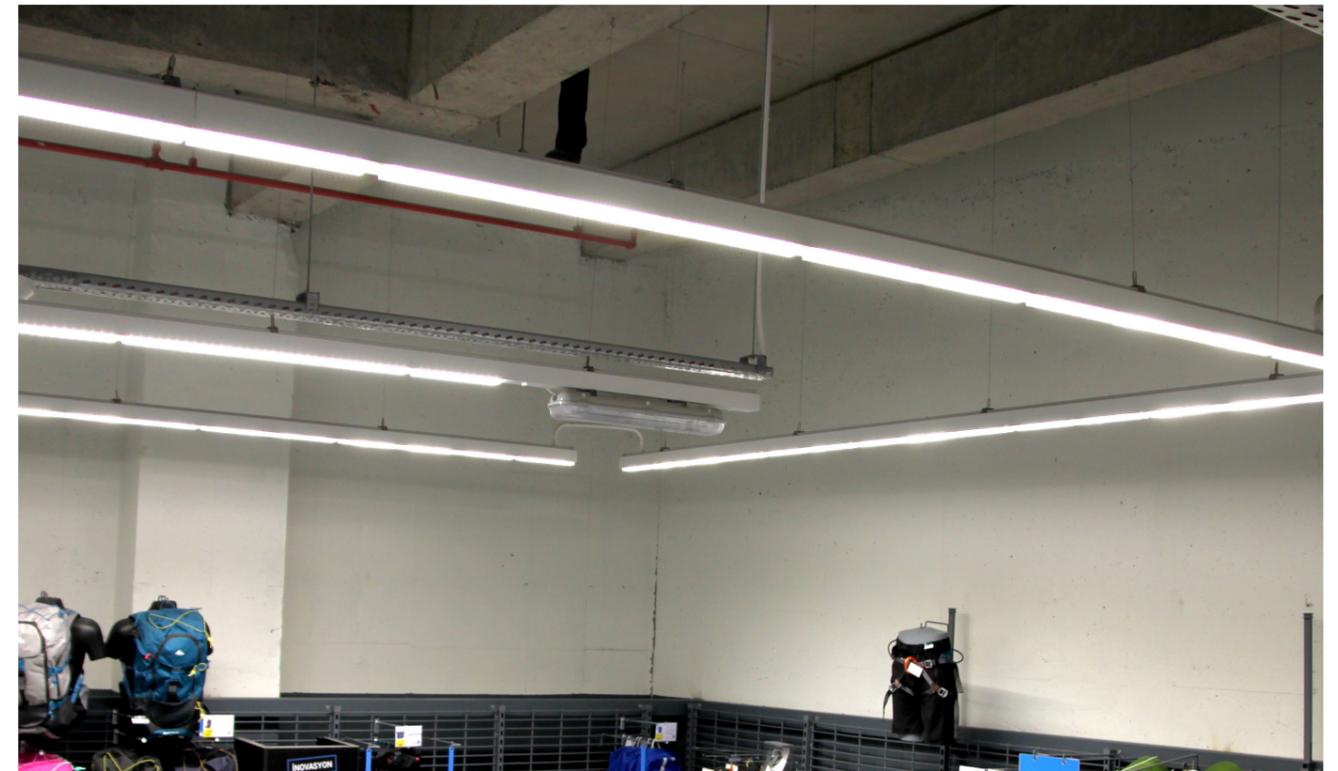
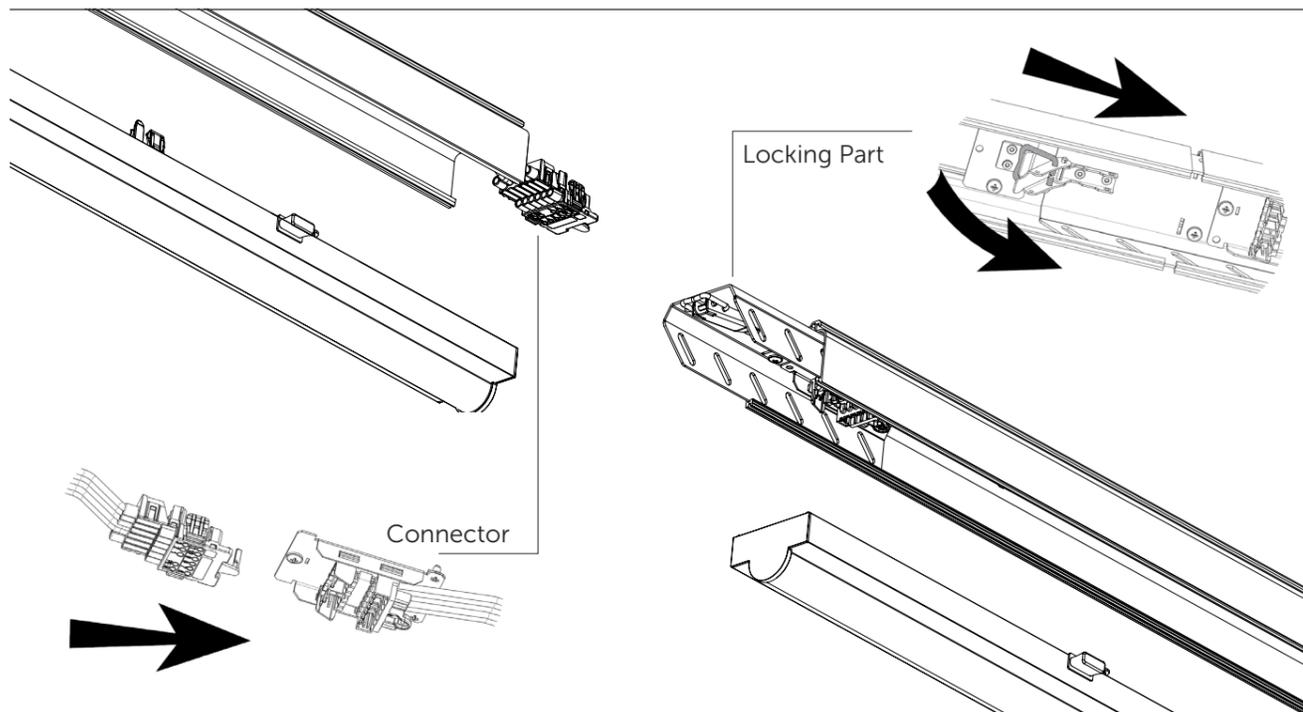
LUMINAIRE GENERAL SYSTEM



SYSTEM INTRODUCTION



LINEAR CONNECTION DETAIL



RUNNEL



GENERAL INFORMATION

RUNNEL consists of lighting unit, energy supply unit, linear line connection part, intermediate cover and line end covers.

With its linear optical structure, the product is suitable for use in different projects in flexible lengths.

Thanks to the specially designed safe locking system inside the product, the lighting unit and power line can be assembled and dismantled both easily and securely.

Easy to use and integrate with sensors. For quick adaptations and renovations, the system is practical to install.

MECHANICAL SPECIFICATIONS

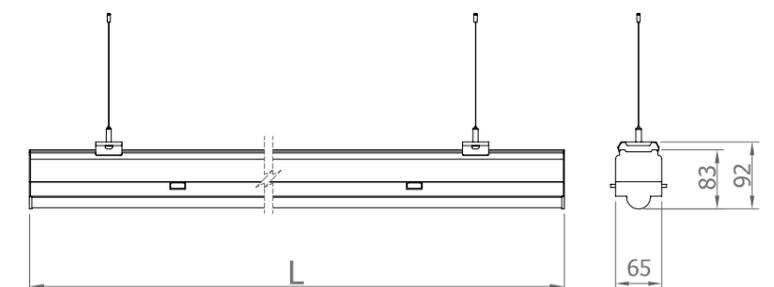
Body	Electrostatic powder coated aluminum profile
Ingress Protection	IP40
Impact Protection	IK08
Cable	3 x 2.5 mm ²
RAL Code	RAL 9016
Mounting Type	Suspendant/Surface

OPTICAL SPECIFICATIONS

Optic	High efficiency PC opal diffuser
Beam Angles	120° Symmetrical
Unified Glare Rating (UGR)	≤ 22
Color Rendering Index (CRI)	Ra ≥ 80
Color Temperature	Standard 4000K

ELECTRICAL SPECIFICATIONS

Driver	Constant current output Pf>0.95
Operating Temperature	-20 °C/+40 °C
Input Voltage / Line Frequency	220 -240 VAC / 50- 60 Hz
LED Life Time	L90B10>100.000 hours
Glow Wire	650°C
Class-I	



OPTIONAL

- *DALI DIM
- *1-10V DIM
- *DC operating mode
- *Emergency kit (1h/3h)
- *Microwave sensor
- *5700K-6500K

CONTIN



GENERAL INFORMATION

CONTIN, with its very technical yet simple structure and design; consists of lighting unit, energy supply unit, linear line connection part, intermediate cover and line end covers.

It is suitable for use in different projects with flexible length options and different optic options.

Various lumen packages and different beam shapes can be obtained with different optic options.

The specially designed safe locking system inside the product allows the lighting unit and power line to be assembled and dismantled easily and securely by mutually pressing the button on the outside of the product.

Easy to use and integrate with sensors, CONTIN is also easy to assemble and install the system for faster adaptations and retrofits.

MECHANICAL SPECIFICATIONS

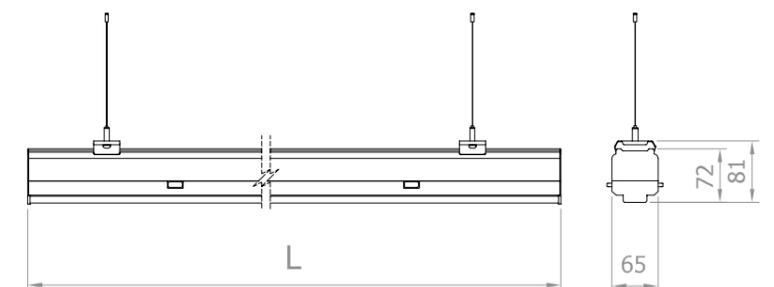
Body	Electrostatic powder coated aluminum profile
Ingress Protection	IP40
Impact Protection	IK08
Cable	3 x 2.5 mm ²
RAL Code	RAL 9016
Mounting Type	Suspendant/Surface

OPTICAL SPECIFICATIONS

Optic ()	High efficiency acrylic lens (PMMA)
Beam Angles	90°x100° Sym/ 2x25°Asym/ 40°x100° Sym
Unified Glare Rating (UGR)	≤ 22
Color Rendering Index (CRI)	Ra ≥ 80
Color Temperature	Standard 4000K

ELECTRICAL SPECIFICATIONS

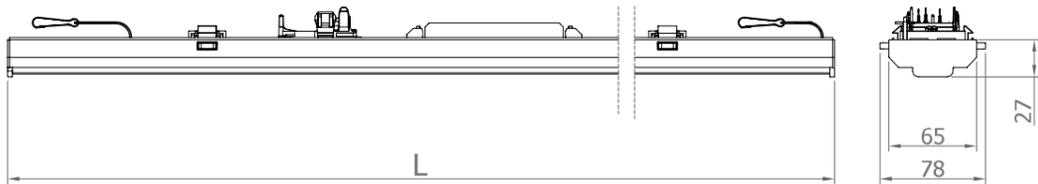
Driver	Constant current output Pf>0.95
Operating Temperature	-20 °C/+40 °C
Input Voltage / Line Frequency	220 -240 VAC / 50- 60 Hz
LED Life Time	L90B10>100.000 hours
Glow Wire	650°C
Class-I	



OPTIONAL

- *DALI DIM
- *1-10V DIM
- *DC operating mode
- *Emergency kit (1h/3h)
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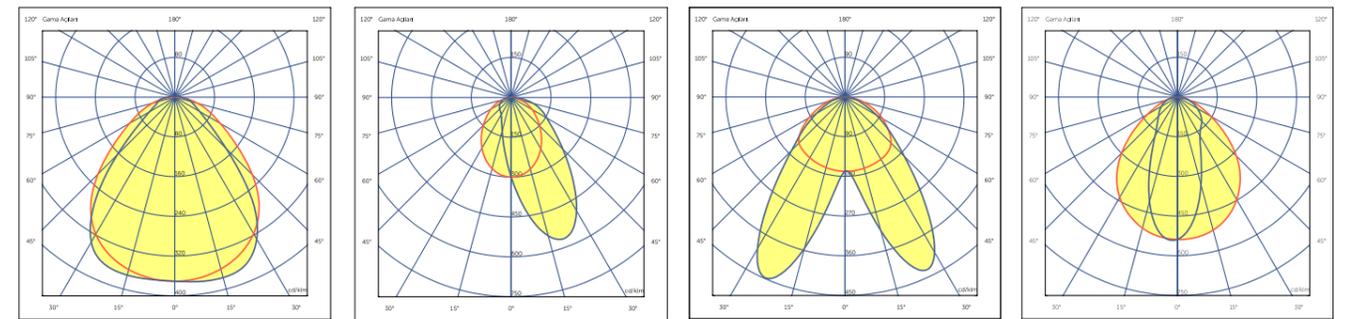
CONTIN - Lighting Unit



TECNICAL INFORMATION

- LED lighting units that can be mounted on the channel rail without tools.
- 4400lm ~ 13000 lm wide lumen package range.
- Product efficiency reaching min 155lm/W, max 175lm/W.
- Symmetrical/Asymmetrical/ Double asymmetrical optic options.
- Connector structure that allows phase selection.
- End cap preventing light leakage.
- Optical efficiency up to 90%.
- High homogeneity and uniform light distribution.
- Line system with up to 11 pole inputs inside the channel.

OPTIC OPTIONS



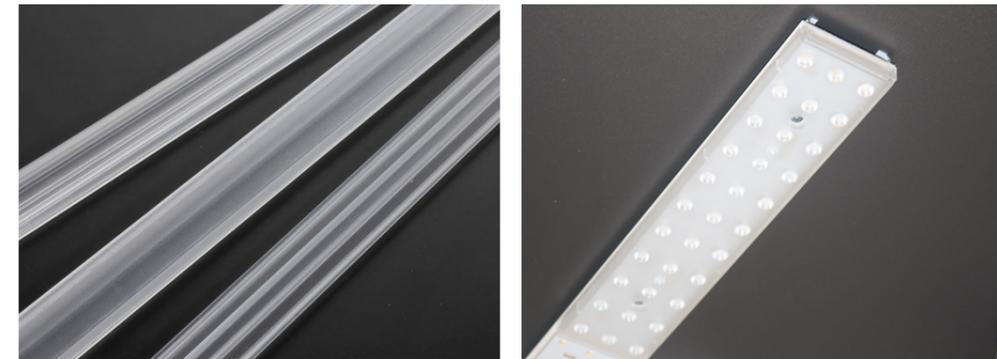
90°x100°Sym
Optical Lens

25°Asym
Optical Lens

2x25°Shelf Sym

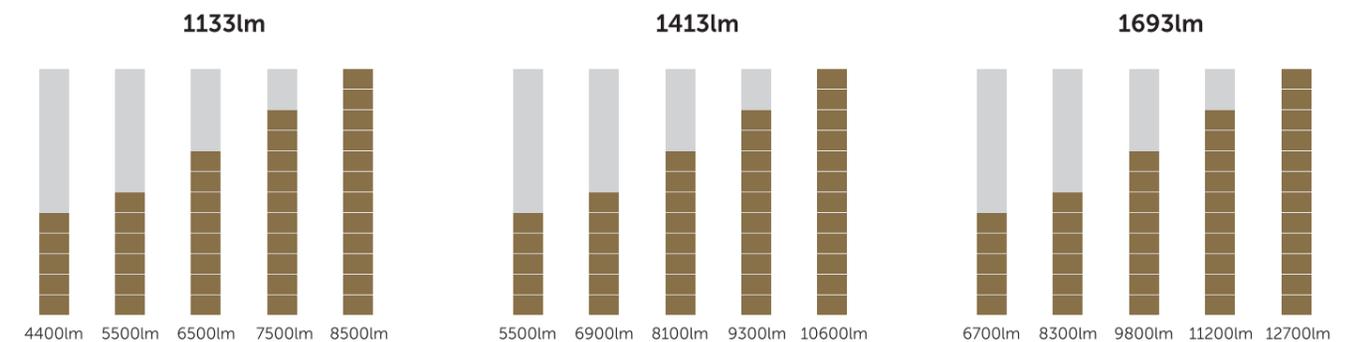
40°x100°
Shelf Vertical

LENS OPTIONS

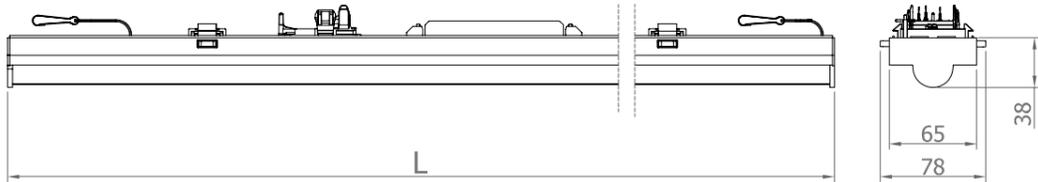


LUMEN OPTIONS

Order Code	W	Lm	CCT	Angle	L(mm)	Wt
07200.11.40.075/90	48	7500	4000	90°	1133	1,13
07200.14.40.093/90	60	9300	4000	90°	1413	1,4
07200.16.40.112/90	72	11200	4000	90°	1693	1,65
07200.11.40.075/AS	48	7500	4000	25°Asym	1133	1,13
07200.14.40.093/AS	60	9300	4000	25°Asym	1413	1,4
07200.16.40.112/AS	72	11200	4000	25°Asym	1693	1,65



RUNNEL - Lighting Unit

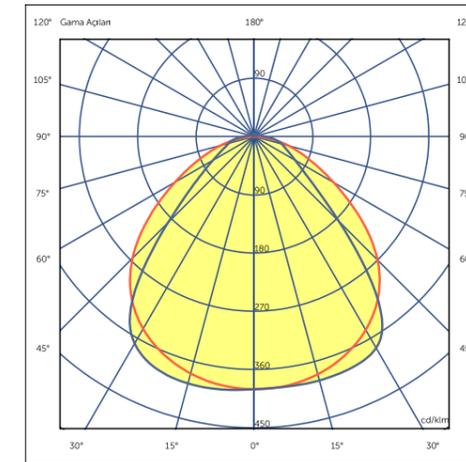


TECNICAL INFORMATION

- LED lighting units that can be mounted on the channel rail without tools.
- 2700lm ~ 8000 lm wide lumen package range.
- Product efficiency reaching min 125lm/W, max 145lm/W.
- Symmetrical PC opal diffuser.
- Connector structure that allows phase selection.
- End cap preventing light leakage.
- Optical efficiency up to 90% .
- High homogeneity and uniform lightdistribution.
- Line system with up to 11 pole inputs inside the channel.

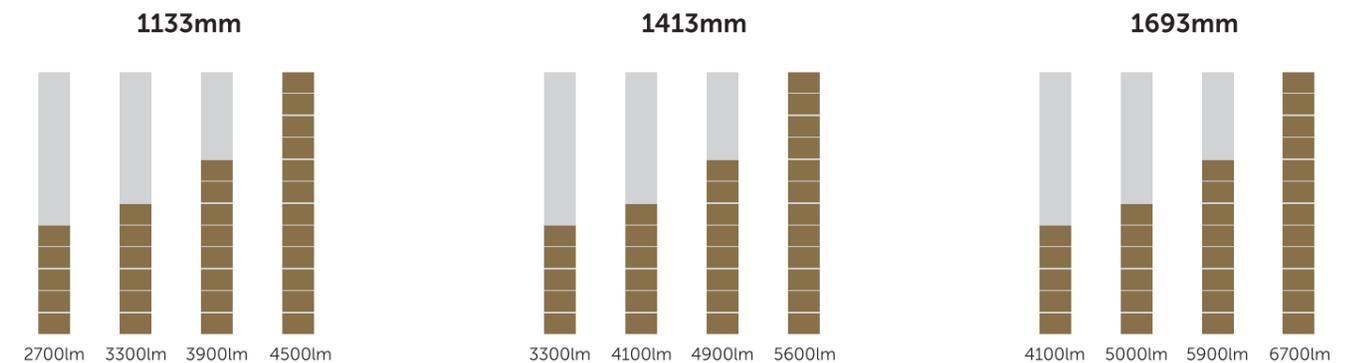
OPTIC OPTIONS

120°Sym Optical

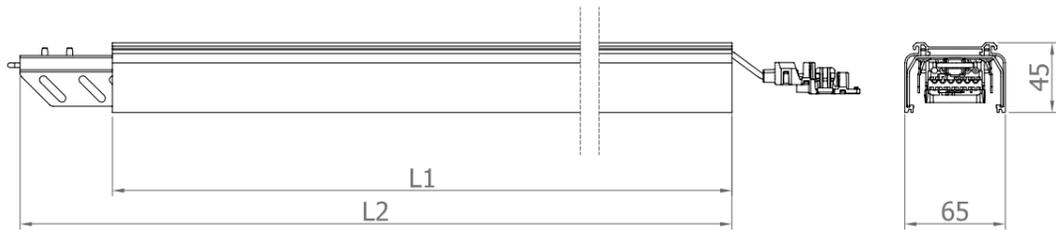
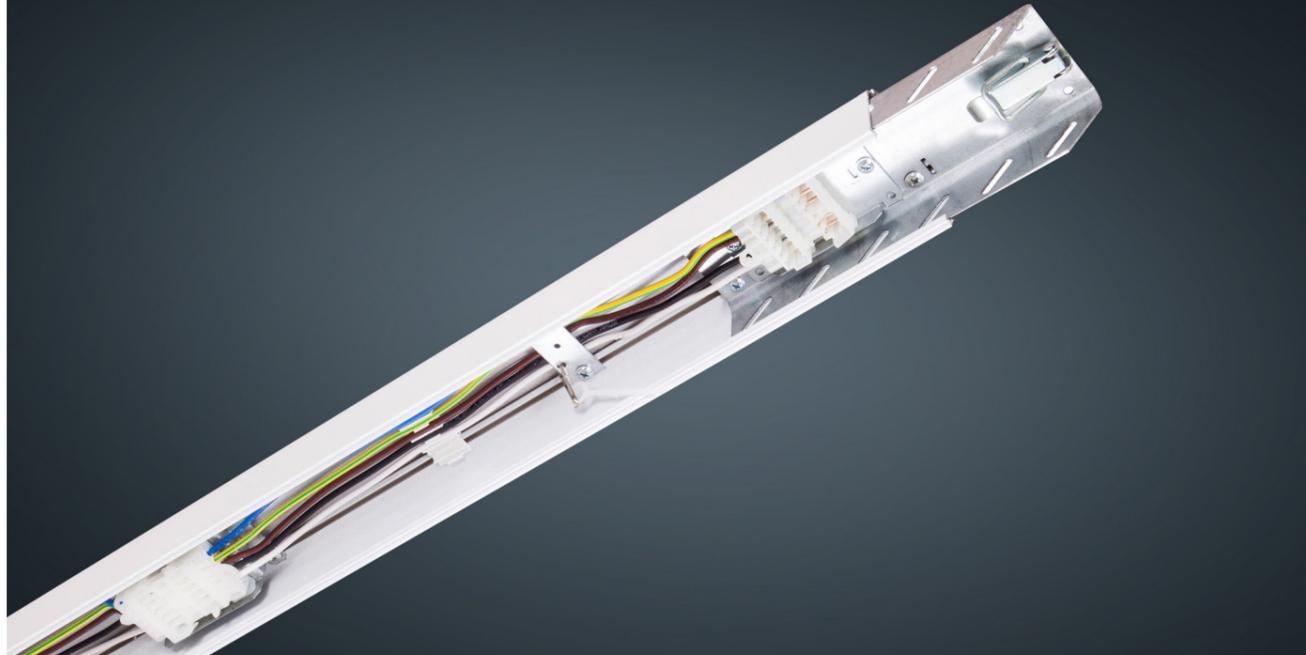


Order Code	W	Lm	CCT	Angle	L(mm)	Wt
07200.11.40.045	35	4500	4000	120°	1133	1,13
07200.14.40.056	44	5600	4000	120°	1413	1,4
07200.16.40.067	53	6700	4000	120°	1693	1,65

LUMEN OPTIONS



CONTIN and RUNNEL - Energy Unit



Note : 1133mm and 1693mm single length, 2266mm and 3386mm double length options.

Code	Cable	L1 (mm)	L2 (mm)	Cable Connections		Wt
07200.000.005.002	5 conductive	1413	1493	L1-L2-L3-N-S	On-Off	1,65
07200.000.005.004	5 conductive	2826	2906	L1-L2-L3-N-S	On-Off	3,30
07200.000.007.002	7 conductive	1413	1493	L1-L2-L3-N-S-(D1-D2) / (EL-EN)	DALI or KIT	1,75
07200.000.007.004	7 conductive	2826	2906	L1-L2-L3-N-S-(D1-D2) / (EL-EN)	DALI or KIT	3,50
07200.000.009.002	9 conductive	1413	1493	L1-L2-L3-N-S-D1-D2 -EL-EN	DALI and KIT	1,85
07200.000.009.004	9 conductive	2826	2906	L1-L2-L3-N-S-D1-D2 -EL-EN	DALI and KIT	3,70



Code	Definition
NT.008.004	5 pole energy supply connector
YRKNT.008.015	7 pole energy supply connector
YRKNT.008.020	9 pole energy supply connector

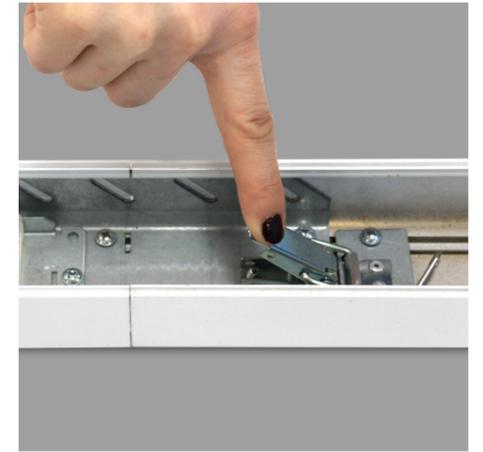
TECNICAL INFORMATION

Energy Transfer Body Combination Details

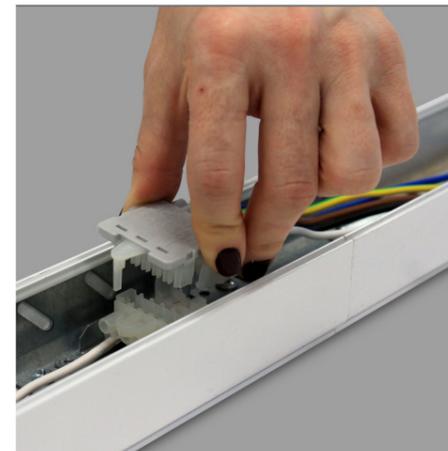
Easy assembling



Latch Lock System



Power Transfer Connector Detail-1



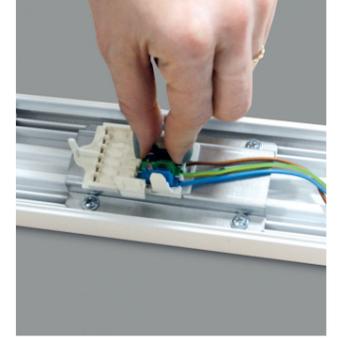
Power Transfer Connector Detail-2



Push Lock System for Easy Opening and Closing

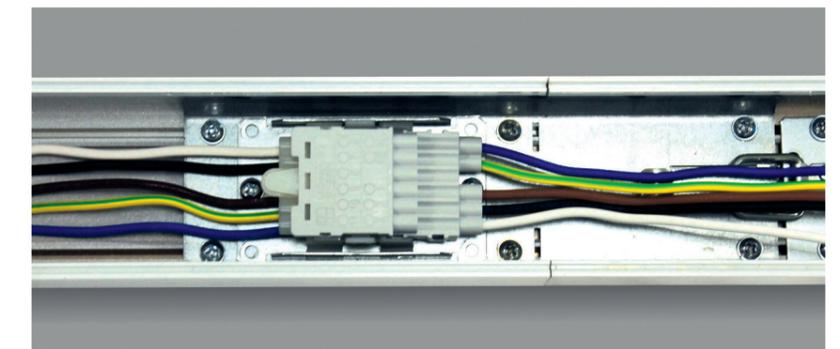


Fast Phase Selection

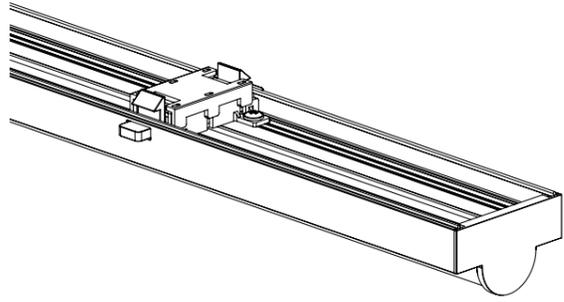


Energy supply connector set

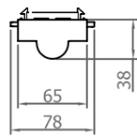
It is used to transmit energy to the starting profile where the energy will be given in the trunking system.



Blind Cover - RUNNEL



RUNNEL

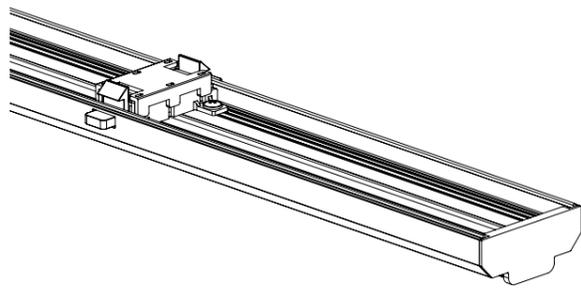


Code

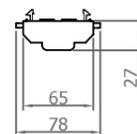
L (mm)

07200.000.000.004	1133
07200.000.000.005	1413
07200.000.000.006	1693

Blind Cover - CONTIN



CONTIN

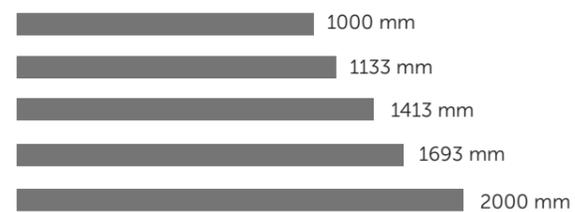


Code

L (mm)

07200.000.000.001	1133
07200.000.000.002	1413
07200.000.000.003	1693

LENGHT OPTIONS



- The trunking lighting system can be applied in an intermittent manner with the help of empty covers.
- It has aluminum blank cover length options between 1000mm-2000mm.



AKSESUARLAR

Surface mounting and suspension

Steel suspension kit

CONTIN, RUNNEL End cap





LINEAR CONTINUOUS LIGHTING SYSTEMS

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"worth the light"



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