

# PRODUCT DATASHEET Linear Turn Connect 55cm CCT DIM Black

LINEAR TURN CONNECT | Undercabinet luminaire with tilt function

#### Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting



#### **Product benefits**

- Easy and quick series connection thanks to simple plug system
- Connection of up to 10 luminaires (35cm version) and 5 luminaires (55cm version) in a row either via enclosed connector for seamless connection or by connector cable for greater distances
- Highly versatile due to selectable CCT
- Homogenous light distribution

#### **Product features**

- $-\,$  Tilt function (60°) for individual adjustment of the lighting surface
- Color temperature adjustable in three steps by pressing the button
- Stepless dimming by pressing and holding the button more than 1 second
- 2 different lengths available
- Lifetime up to 30,000 h
- Material: Aluminium (Housing), Polycarbonate (Diffusor)



# TECHNICAL DATA

# Electrical data

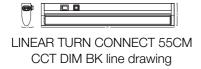
Nominal wattage	10.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	75.000 mA
Inrush current	9,2 A
Inrush current time T <sub>h50</sub>	45 µs
Max. number of luminaires per miniature circuit breaker B16	81
Max. number of luminaires per miniature circuit breaker C10	65
Max. number of luminaires per miniature circuit breaker C16	104
Power factor $\lambda$	≥0.5
Total harmonic distortion	120 %
Protection class	II .
Operating mode	Mains voltage

# Photometrical data

Luminous flux	620 lm	
Total luminous flux of contained light sources	700 lm	
Luminous efficacy	64 lm/W	
Color temperature 300040006500 K		
Light color (designation) Warm White / Cool White / Daylight		
Color rendering index Ra	> 80	
Standard deviation of color matching	< 6 sdcm	
Flickering metric (Pst LM)	<1	
Stroboscope effect metric (SVM)	<0.4	
Photobiological safety group acc. to EN62778	RG1	
Beam angle	110 °	

# Dimensions & Weight

Length	557.00 mm
Width	60.00 mm
Height	24.00 mm
Product weight	480.00 g
Cable length	1500 mm



#### Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

# Application & Mounting

Ambient temperature range	-20+40 °C
Temperature range at storage	-20+80 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Dimmable	Yes
Type of dimming	Push DIM
Mounting type	Surface
Mounting location	Wall / Cabinet undersides
Application environment	Indoor
Adjustable	Yes
With light source	Yes

# Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	15000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

# Certificates & Standards

Standards	CE
Luminaire with limited surface temperature, "D sign"	No

April 20, 2025, 12:47:48 Linear Turn Connect 55cm CCT DIM Black

Replaceable light source (EPREL)	Not replaceable
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#### **EQUIPMENT / ACCESSORIES**

- Complete mounting and connecting accessories included

#### Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

#### **DOWNLOAD DATA**

	Documents and certificates Document name	
PDF	User instruction / safety instructions	Linear Turn Connect
PDF	Legal information TRACKLIGHT SPOT ZOOM D85	
PDF	Declarations of conformity	LINEAR TURN AND EDGE

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075842403	Folding box	42 mm x 72 mm x 603 mm	612.00 g	1.82 dm³
4058075842410	Shipping box	618 mm x 160 mm x 195 mm	5231.00 g	19.28 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

#### **DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.