

INDU CONTILINE GEN2



Modular, efficient and easy to assemble

INDU CONTILINE GEN2 is a fully flexible 13 pole trunking system with tool-free module installation. With 2.25m trunking inserts and suspensions that can be mounted with a distance of up to 5m it can be installed in a fast and efficient manner. With its unique, optional roof accessory, it is considerably more resistant to dust and water accumulation. Thanks to its additional, integrated cable duct, this system is IoT-ready!

INDU CONTILINE GEN2 can be installed from the ground using a patented process. It facilitates the mounting if the area for the elevator / scissor platform cannot be cleared or if the floor has not yet been cleared for traffic.

This patented process can also be used to your advantage on accessible crane systems without additional scaffolding.

INDU CONTILINE GEN2 offers additional benefits including emergency lighting with an auxiliary battery and optimal light distribution with low glare to create optimal working conditions in industrial environments.



IP 50

IK 05



CE

Concept

INDU CONTILINE GEN2 is a modular trunk linear LED system for optimal lighting in all industrial areas such as production facilities, assembly halls and warehouses.

The T13 (13-pin) connection block ensures mechanical and internal electrical connection in a single push.

Continuous-row lighting with over 20,000 lumens at a maximum ambient temperature of up to 45° C make INDU CONTILINE GEN2 an unrivalled continuous trunking system. Its roof accessories offer space for additional cables.

INDU CONTILINE GEN2 is supplied with a comprehensive set of accessories and single battery adapters as well as a universal adapter for sensors and accessories. INDU CONTILINE GEN2 enables, for instance, the power supply of high-bay luminaires to meet the needs of the area to be lit.

Available with light distributions that offer high visual comfort with very low glare (UGR), it maximises efficiency to create pleasant working conditions with minimal power consumption.

For light-on-demand scenarios, INDU CONTILINE GEN2 can be equipped with a motion/daylight sensor and controlled through the DALI protocol.

As an option, INDU CONTILINE GEN2 can be equipped with a battery module. In case of a power outage, it offers emergency lighting (500lm) for 3 hours. This feature reduces the inconvenience of a power grid failure and helps to maintain a certain level of activity in the facilities.



The INDU CONTILINE GEN2 trunking system offers versatility and flexibility to meet the requirements of any project.



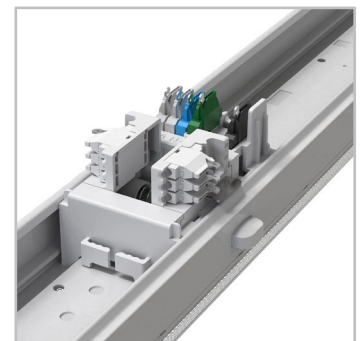
The electrical feed can be placed in the middle or at the ends of the trunking system.

TYPES OF APPLICATION

- INDUSTRIAL HALLS & WAREHOUSES

KEY ADVANTAGES

- High efficiency with low operating costs
- High visual comfort
- Quick and easy tool free installation
- Versatility in lighting design with various distributions
- Designed for surface or suspended mounting with dedicated mounting accessories



The T13 block enables versatile positioning of the LED modules and combines power and control connections.



In case of emergency, an optional battery module provides 3 hours of safety lighting.

GENERAL INFORMATION

Driver included	Yes
CE mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
D-mark	Yes
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory) EN 60598-1:2015+A1:2018 EN 60598-2-1:1989 EN 60598-2-24:2013 IEC 60598-1:2014 + AMD1:2017 IEC 60598-2-1:1979 + AMD1:1987 IEC 62262:2002 IEC TR 62778:2014

HOUSING AND FINISH

Housing	Steel
Optic	PMMA Polycarbonate
Tightness level	IP 50
Impact resistance	IK 05

OPERATING CONDITIONS

Operating temperature range (Ta)	-25°C up to +45°C / -13° F up to 113°F
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· Depending on the luminaire configuration. For more details, please contact us.

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	220-240V AC – 50-60Hz 176-275V DC
Power factor (at full load)	0.95+
Surge protection options (kV)	L-N: 1 L/N-GND: 2
Electromagnetic compatibility (EMC)	EN 55015:2019 EN 61000-3-2:2014 EN 61000-3-3:2013 + A1:2017 EN 61547:2009 EN 62493:2015
Control protocol(s)	DALI, DALI 2.0
Associated control system(s)	Helvar Industry Phoenix Industry
Sensor	Motion sensor (optional)
Emergency	Optional auxiliary battery

OPTICAL INFORMATION

LED colour temperature	4000K (Neutral White 840) 5700K (Cool White 857) 6500K (Very Cool White 865)
Colour rendering index (CRI)	>80 (Neutral White 840) >80 (Cool White 857) >80 (Very Cool White 865)

LIFETIME OF THE LEDS @ TQ 25°C

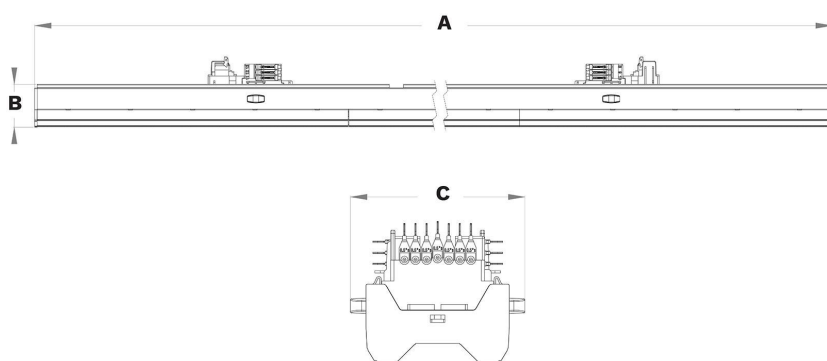
All configurations	100,000h - L85
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· Lifetime may be different according to the size/configurations. Please consult us.

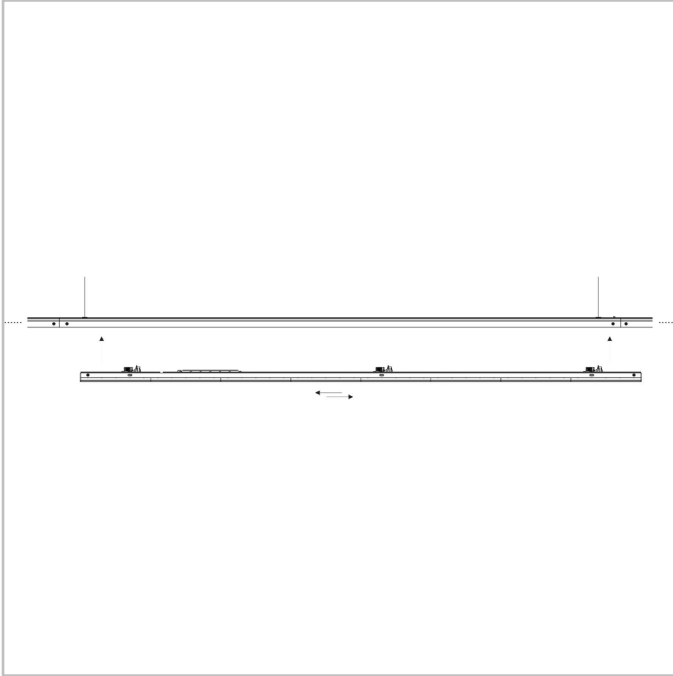
DIMENSIONS AND MOUNTING

AxBxC (mm inch)	INDU CONTILINE GEN2 1 - 1410x36x78 55.5x1.4x3.1
	INDU CONTILINE GEN2 2 - 2253x36x78 88.7x1.4x3.1
Weight (kg lbs)	INDU CONTILINE GEN2 1 - 1.7 3.7
	INDU CONTILINE GEN2 2 - 3 6.6
Mounting possibilities	Hook(s) for suspension
	Suspended mounting
	Surface mounting

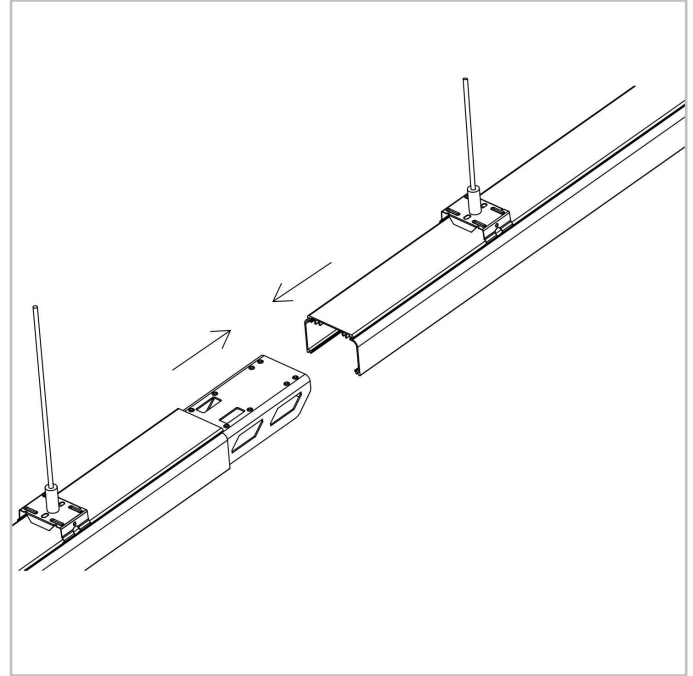
· For more information about mounting possibilities, please consult the installation sheet.



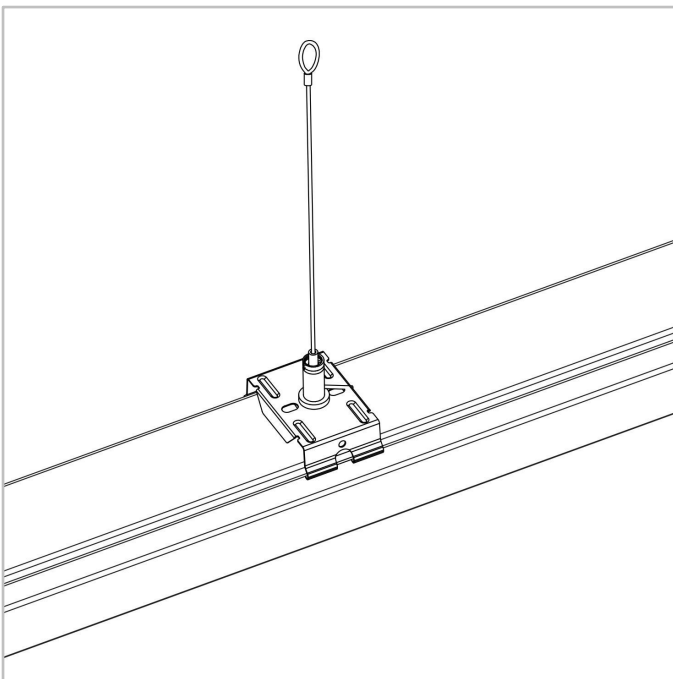
INDU CONTILINE GEN2 | Flexible tool-free mounting of the LED modules



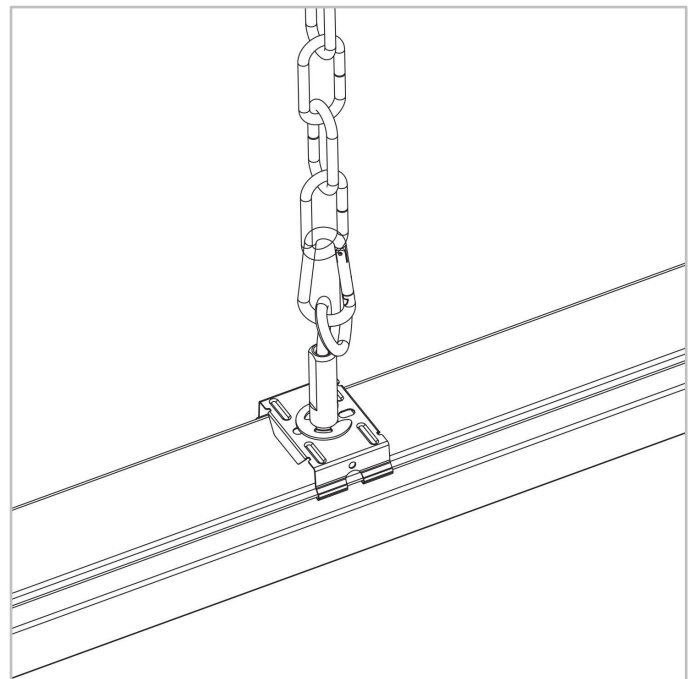
INDU CONTILINE GEN2 | Rail connection (standard version)



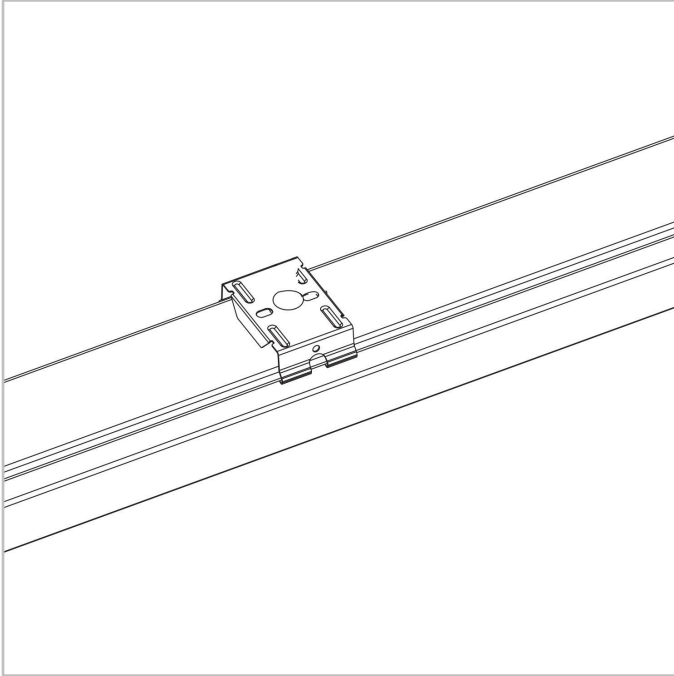
INDU CONTILINE GEN2 | Suspension with ropes (standard version)



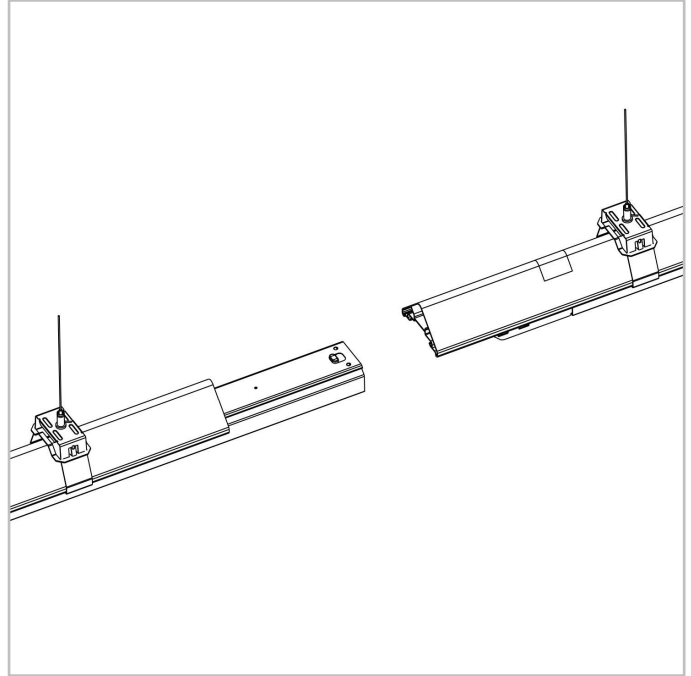
INDU CONTILINE GEN2 | Suspension with chains (standard version)



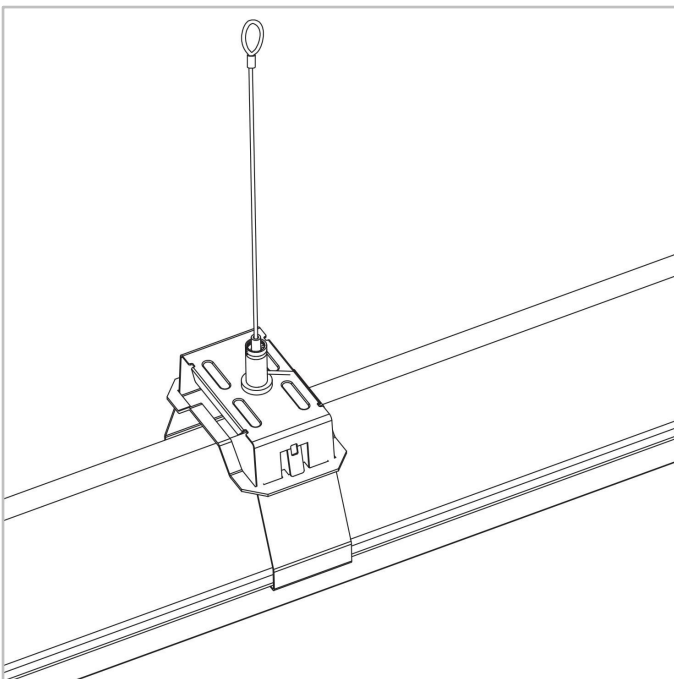
INDU CONTILINE GEN2 | Ceiling mounting
(standard version)



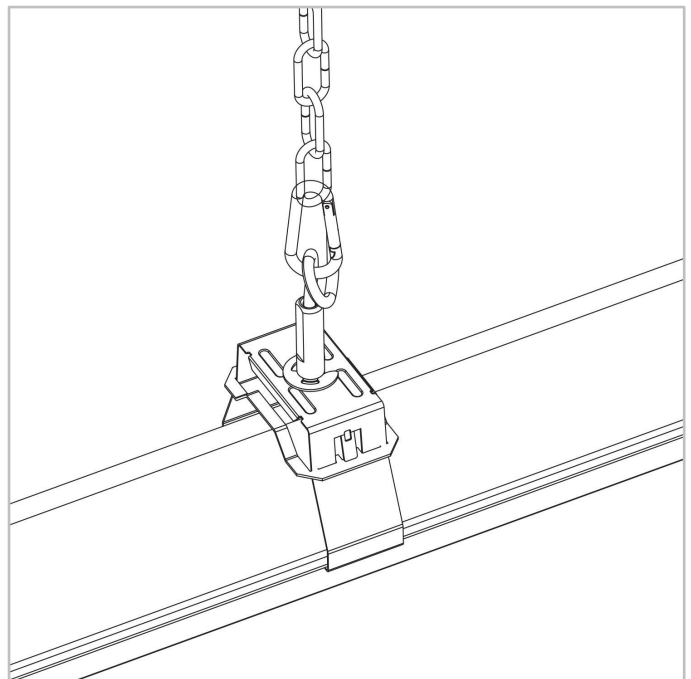
INDU CONTILINE GEN2 | Overlapping rail
connection (roof version)



INDU CONTILINE GEN2 | Suspension with
ropes (roof version)



INDU CONTILINE GEN2 | Suspension with
chains (roof version)

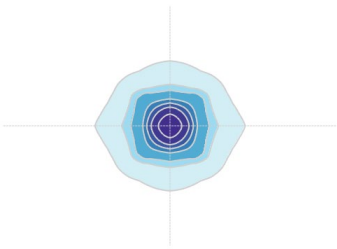
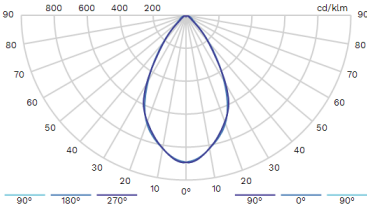




			Luminaire output flux (lm) Very Cool White 865		Luminaire output flux (lm) Cool White 857		Luminaire output flux (lm) Neutral White 840		Power consumption (W)		Luminaire efficacy (lm/W)
Luminaire	Number of LEDs	Current (mA)	Min	Max	Min	Max	Min	Max	Min	Max	Up to
INDU CONTILINE INDU CONTILINE GEN2 1	280	62	8000	8000	8000	8000	8000	8000	50	50	160
	280	92	12400	12400	12400	12400	12400	12400	77	77	161
INDU CONTILINE INDU CONTILINE GEN2 2	448	72	16000	16000	16000	16000	16000	16000	100	100	160
	448	100	21200	21200	21200	21200	21200	21200	133	133	159

Tolerance on LED flux is $\pm 7\%$ and on total luminaire power $\pm 5\%$

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