

# INDU LINE GEN3



## Efficiency and intelligence made affordable

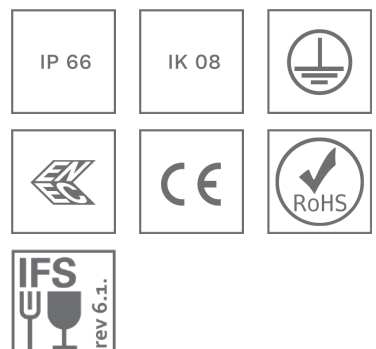
INDU LINE GEN3 offers a robust and efficient LED alternative for replacing fixtures fitted with T5/T8 fluorescent tubes.

Designed to provide a life-long solution for harsh industrial environments, INDU LINE GEN3 has a strong mechanical design that makes it highly resistant to shock and vibration while its IP rating makes it ideal for dusty and wet locations.

This high-performing luminaire provides an energy-efficient lighting solution. With a lifetime 5 times longer than a fluorescent tube, this modern linear LED luminaire lowers the total cost of ownership of a lighting installation and eliminates the need for maintenance.

Available in 3 sizes, it can be wall or surface-mounted with a daisy chain for semi-continuous lighting.

INDU LINE GEN3 creates safe and comfortable working conditions thanks to its low glare and high colour rendering index to optimise productivity. An emergency option is available to provide safety lighting in case of a power outage.



CAR PARKS



INDUSTRIAL  
HALLS &  
WAREHOUSES



SPORT  
FACILITIES

## Concept

INDU LINE GEN3 is a robust and efficient alternative for fixtures fitted with traditional fluorescent tubes. It provides the perfect solution for lighting industrial halls, warehouses, corridors, underground car parks, underpasses and many more environments with harsh conditions.

INDU LINE GEN3 is fitted with a sanded protector to diffuse a glare-free light (120°) and create comfortable environments while maintaining a high lumen efficacy that generates high energy savings. It offers a versatile surface/wall mounting with adjustable metal clips on the back of the body.

As industrial environments can be aggressive, INDU LINE GEN3 is made of strong polycarbonate to deliver a high degree of protection against vibrations and dust/water ingress over time. For easy cabling, the luminaire is equipped with tool-free twist and lock cable glands. The electrical connection is made on a sliding plate.

Designed to provide a discontinuous or continuous linear lighting, INDU LINE GEN3 can be controlled via the DALI 2.0 or 1-10V protocol.

As an option, INDU LINE GEN3 can be equipped with an auxiliary battery, the INDU EMERGENCY PACK. 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 you to maintain a certain level of activity in your facilities.

INDU LINE GEN3 can also be equipped with a motion/daylight sensor for light-on-demand scenarios.



INDU LINE GEN3 offers a glare-free lighting for comfortable working conditions.



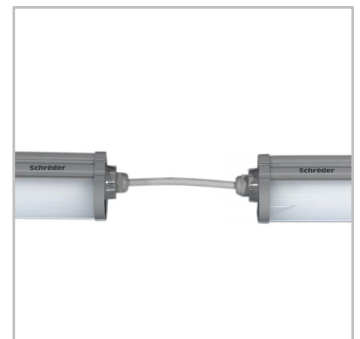
Connection is made on a sliding plate. INDU LINE GEN3 is equipped with tool-less twist and lock cable glands.

## TYPES OF APPLICATION

- CAR PARKS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES

## KEY ADVANTAGES

- LED alternative for fixture equipped with fluo T5/T8 lamps
- Cuts energy costs by up to 50%
- Easy installation and maintenance free
- Light-on-demand feature with optional motion sensor
- White light with a high colour rendering index
- High luminaire efficacy
- Efficient, uniform and glare free light
- Emergency lighting with optional battery
- Long service life



With outgoing/ingoing cables, INDU LINE GEN3 offers a daisy chain mounting.



In case of emergency, an optional auxiliary battery can power the INDU LINE GEN3 for 3 hours to provide safety lighting.

## GENERAL INFORMATION

Recommended installation height	4m to 6m   13' to 20'
Driver included	Yes
CE Mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
IFS (food & beverage) rev 6.1 compliant	Yes
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory)

## HOUSING AND FINISH

Housing	Composite materials
Protector	Polycarbonate
Standard colour(s)	RAL 7035 light grey
Tightness level	IP 66
Impact resistance	IK 08

## OPERATING CONDITIONS

Operating temperature range (Ta)	-20 °C up to +40 °C / -4 °F up to 104 °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 – 50-60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	1
Electromagnetic compatibility (EMC)	EN 55015:2013/A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Control protocol(s)	1-10V, DALI 2.0
Sensor	Motion sensor (optional)
Emergency	Optional auxiliary battery

## OPTICAL INFORMATION

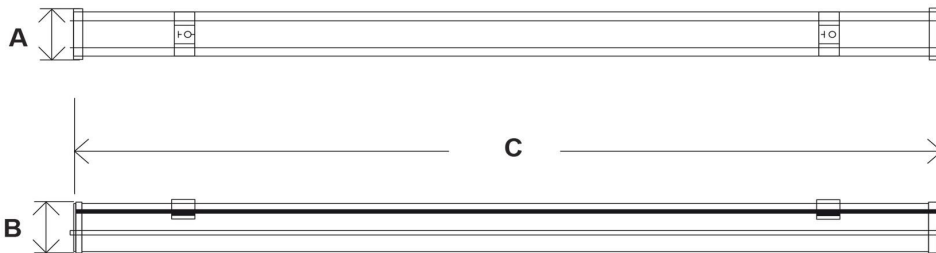
LED colour temperature	4000K (Neutral White 840) 5700K (Cool White 857)
Colour rendering index (CRI)	>80 (Neutral White 840) >80 (Cool White 857)

## LIFETIME OF THE LEDS @ TQ 25°C

All configurations	50,000h - L90 100,000h - L80
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## DIMENSIONS AND MOUNTING

AxBxC (mm   inch)	INDU LINE GEN3 1 - 60x74x621   2.4x2.9x24.4 INDU LINE GEN3 2 - 60x74x1201   2.4x2.9x47.3 INDU LINE GEN3 3 - 60x74x1501   2.4x2.9x59.1 INDU LINE GEN3 1 EM - 60x74x621   2.4x2.9x24.4 INDU LINE GEN3 2 EM - 60x74x1201   2.4x2.9x47.3 INDU LINE GEN3 3 EM - 60x74x1501   2.4x2.9x59.1
Weight (kg   lbs)	INDU LINE GEN3 1 - 0.6   1.3 INDU LINE GEN3 2 - 0.87   1.9 INDU LINE GEN3 3 - 0.98   2.2 INDU LINE GEN3 1 EM - 0.6   1.3 INDU LINE GEN3 2 EM - 0.87   1.9 INDU LINE GEN3 3 EM - 0.98   2.2
Mounting possibilities	Hook(s) for suspension Surface mounting Direct mounting on ceiling





Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) Cool White 857		Luminaire output flux (lm) Neutral White 840		Power consumption (W)		Luminaire efficacy (lm/W)
			Min	Max	Min	Max	Min	Max	Up to
INDU LINE GEN3 1	160	37	2500	2500	2700	2700	20	20	135
INDU LINE GEN3 2	224	60	4700	4700	5200	5200	40	40	130
INDU LINE GEN3 3	276	58	6900	6900	7500	7500	55	55	136
INDU LINE GEN3 1 EM	18	80	400	400	400	400	6	6	67
INDU LINE GEN3 2 EM	14	100	400	400	400	400	6	6	67
INDU LINE GEN3 3 EM	14	100	400	400	500	500	6	6	83

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

