



# SELENE Ex WEATHERPROOF INDUSTRIAL EXPLOSION LIGHTING

IP65



LFL



## LAMP TECHNICAL DATA

- Light source: Linear Fluorescent T8.
- Lamp Options:

Wattage (W)	Effective Luminous Flux (lm) *	Efficacy (lm/W)	Nett Weight (kg)
<b>2ft. (705mm)</b>			
1 x 18W	1350 lm	66 lm/W	2.9 kg
2 x 18W	2700 lm	60 lm/W	4.9 kg
<b>4ft. (1305mm)</b>			
1 x 36W	3350 lm	66 lm/W	4.9 kg
2 x 36W	6700 lm	60 lm/W	7.0 kg
<b>5ft. (1605mm)</b>			
1 x 58W	5200 lm	66 lm/W	6.4 kg
2 x 58W	10 400 lm	60 lm/W	7.5 kg

\* Total lumenous flux of the light fitting with T8/840 sources at an ambient temperature of 25°C. Efficacies could differ with other lamps.

## LUMINAIRE TECHNICAL DATA

- Luminaire overview: The light fitting is suitable for an environment with a danger of explosion of gases, dust and combustible fumes. The light fittings meet the requirements European Community Directive No.2014/34/EC. The light fitting is certified for the environment:
  - Ex II 3G Ex nA IIC T6 Gc
  - Ex II Ex tc IIIC T85°C Dc
- The basic requirements for safety and health protection are secured by the verification of conformity with the standards according to EN 60079-15, EN 60079-0 and EN 60079-31.
- IP rating: IP65.
- Body: Stainless steel.
- Diffuser: tempered glass with high mechanical resistance.
- Reflector: Sheet steel reflector finished in a white epoxy powder coating (RAL 9003).
- Clips: Stainless steel clips.
- Cable glands: Skintop MS-M ATEX 20x1,5.
- Terminal block: Push-in type quick connect, three-pole (basic version) or traditional screw terminal block.
- Wiring options:
  - Single phase wiring cables for through-wiring (1F)
  - Three phase wiring cables for through-wiring (3F)

- Electric equipment: Electronic ballast Tridonic T8, halogen-free wires with higher temperature resistance up to 110 °C
- Control gear options:
  - Electronic control gear (ECG)
  - DALI control gear (DALI)
  - DALI-DIM control gear (DALI-DIM)
  - 1 hour emergency back-up control gear (1HR-EMG)
  - 3 hours emergency back-up control gear (3HR-EMG)
- Power supply: 220V to 240V AC 50 Hz.
- Maximum ambient temperature: -20°C to +40°C.
- Insulation classification: Class 1.
- Protection grade: IK10.

## APPLICATION

- Mining applications
- Industrial applications
- Tunnel applications
- Suitable for explosion hazard environment zone 2,22, group 2, category 3.

## COMPLIANCE STANDARD

- EN 60079-15, EN 60079-0, EN 60079-31

## WARRANTY\*\*

- 5 year warranty on luminaire body
- 12 month warranty on internal components

\*\* Note: This warrantee only covers defects or malfunctions caused during the manufacturing process.



GENLUX LIGHTING

a lighting technology company

A division of  
ACTOM (Pty) LTD

### ORDERING DETAILS

PRODUCT CODE: SELENEEx / LAMP / WIRING / CONTROL



#### Lamp options:

2ft	1 x 18W	2 x 18W
4ft	1 x 36W	2 x 36W
5ft	1 x 58W	2 x 58W

#### Wiring options:

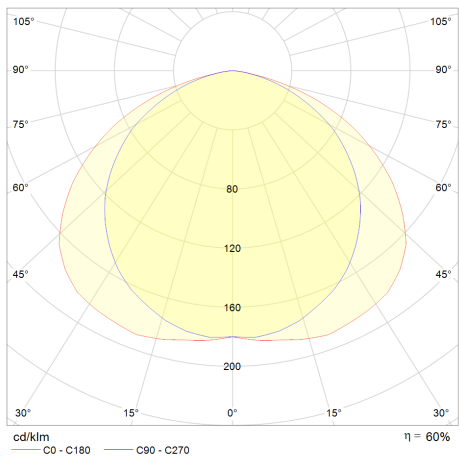
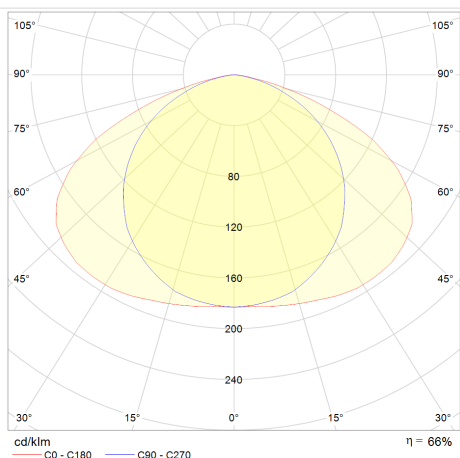
Options available	1F	3F
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#### Control gear options:

Options available	ECG	DALI	DALI-DIM	1HR-EMG	3HR-RMG
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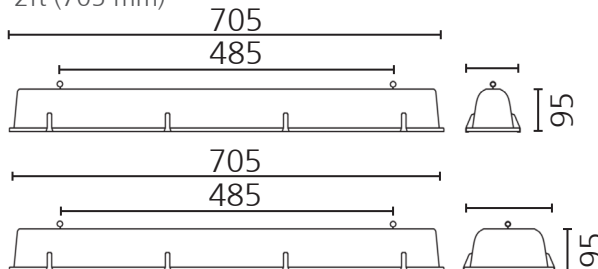
### PHOTOMETRIC DIAGRAM

(IES Files available on request)

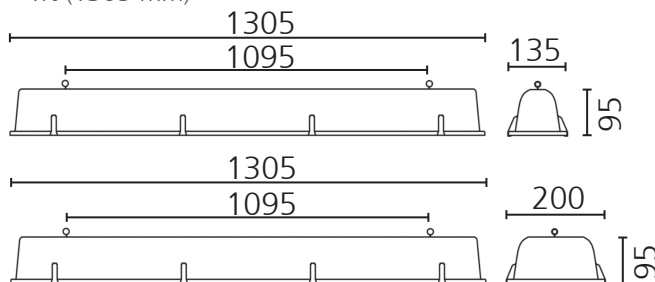


### DIMENSIONS

- 2ft (705 mm)



- 4ft (1305 mm)



- 5ft (1605 mm)

