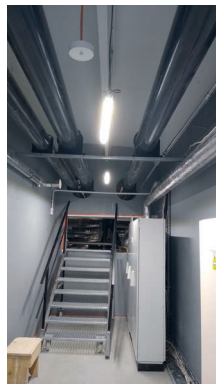
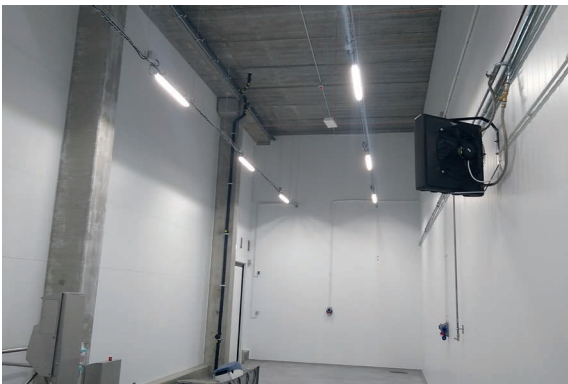


Explosionproof LED luminaire

# SELENE Ex



Explosionproof for zones 2, 22

Power from 25 W to 70 W

Rating IP 67

Reliability

Manufactured in EU



Ex II 3G Ex nR IIC T6 Gc  
Ex II 3D Ex tc IIIC T80°C Dc



# SOLUTIONS FOR:

Explosionproof zones 2 and 22,  
heavily soiled workstations, production halls,  
warehouses with the highest sanitary standards

## Maximum savings

- High light output
- LED efficiency up to 220 lm/W
- Housing made of polycarbonate.

## Customer satisfaction and safety

- Production in EU
- Short lead times
- Quality construction for long life operation
- 3 years warranty
- High Color Rendering Index Ra > 80
- Top quality components provided by reputable manufacturers
- Steady light stream with no stroboscopic effect.

## Convenience and comfort for installers and maintainers

- Professional support
- Easy installation
- Low operating costs.





## Technical parameters

Light source	<b>LEDs</b>	Operating temperatures (ta)	<b>from -20°C to +45°C</b>
LED lifetime	<b>L70 &gt; 260 000 h</b> (ta = 25°C)	IP class	<b>IP 67</b>
Color temperatures	<b>4000 K</b> (others available on request)	Electrical insulation class	<b>Class II</b>
Color Rendering Index	<b>Ra &gt; 80</b>	Power factor	<b>cos Φ &gt; 0,98</b>
Voltage	<b>198 – 264 VAC</b>	Power supply efficiency	<b>η &gt; 88%</b>

## Dimensions and weight



**H** – height of the luminaire with additional fixing element  
**f** – tube diameter  
**W** – width of the luminaire with handles

	<b>f</b>	<b>H</b>	<b>L</b>	<b>W</b>	<b>weight</b>
<b>Fixture type</b>	[mm]	[mm]	[mm]	[mm]	[kg]
SE1-PSP b K1...	50	68	610	68	1,2
SE1-PSP b S1...	50	68	1070	68	1,7
SE1-PSP b D1...	50	68	1480	68	2,4

# Explosionproof LED luminaire

# SELENE Ex

## Fixture power table

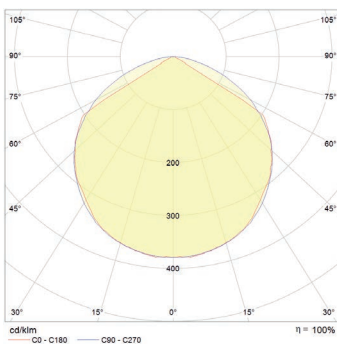
Luminaire version	SE1-025NK1 (25 W, L = 610 mm)	SE1-055NS1 (55 W, L = 1070 mm)	SE1-070ND1 (70 W, L = 1470 mm)
Light output optics type R100	4 100 lm	8 600 lm	11 500 lm
Equivalent of	T8 fluorescent bulb 1 x 58 W	T8 fluorescent bulb 2 x 58 W	T8 fluorescent bulb 3 x 58 W
Application	offices, production halls, low bay warehouses, garages, workplaces and quality control, linear lighting		

The luminaires' power ratings and exemplary applications are indicative and relate to open halls. Specific types of luminaires are selected based on the lighting design.

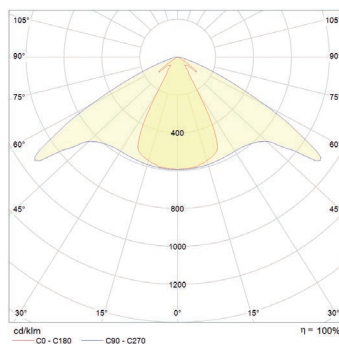
## Light distribution curve adjustment

Using combinations of different optical systems in one fixture allows to meet design requirements of the user. Light distribution curves for optics R, C, D, E, L:

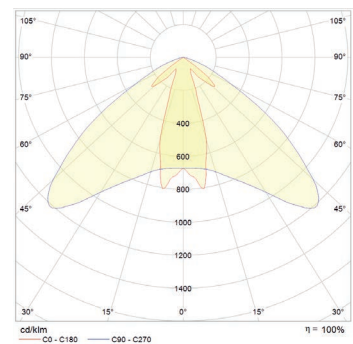
R100 (108° x 110°)



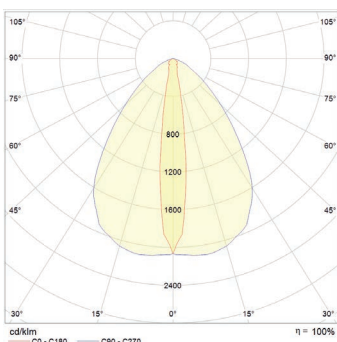
RIC1 (57° x 124°)



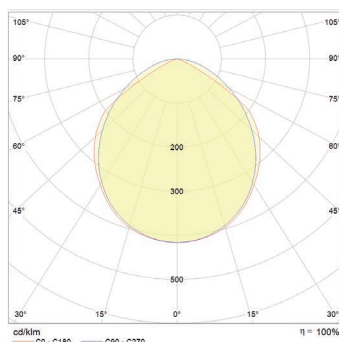
R1D1 (33° x 113°)



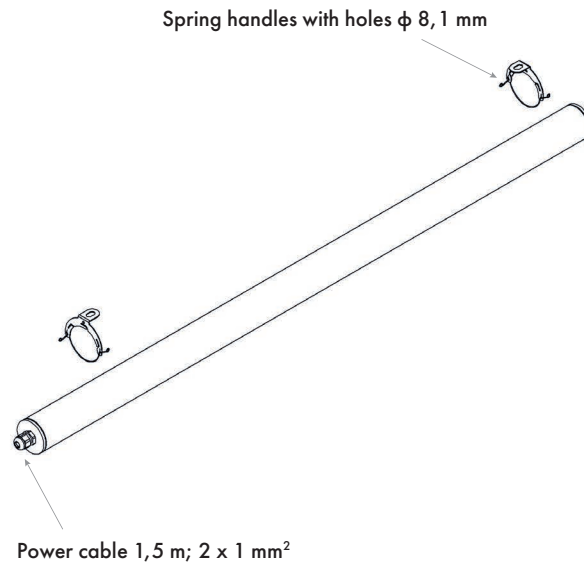
R1E1 (13° x 79°)



R1L1 (107° x 100°)



## Fast and easy installation



## Selene Ex fixture series coding

SE1 – PSP b L1 – TC – R10M

**SL** Product code – Selene Ex fitting

**PSP** Power supply [W]:  
025 – 25 W  
040 – 40 W  
055 – 55 W  
070 – 70 W

**b** Power supply control  
N – no control  
D – DALI

**L** Length of luminaire  
K – 610 mm  
S – 1070 mm  
D – 1470 mm

**T** Color temperature of light [K]  
3 – 3000 K  
4 – 4000 K  
5 – 5000 K  
6 – 6500 K

**C** Color rendering index [CRI]  
8 – Ra > 80

**O** Optics type:  
C – 57° x 124° transparent  
D – 33° x 113° transparent  
E – 13° x 79° transparent  
L – 107° x 100° mat

**M** Number of additional optics  
0 – no additional optic  
1 – internal additional optic

### Sample code




#### SE1-055NS1-48-R1L1

**SE1** Selene luminaire version: SL2  
**055** power supply: 55 W  
**N** no control  
**S** length of LED beam: 1070 mm  
**4** color temperature: 4000 K  
**8** minimum CRI: Ra > 80  
**L** optics type: L

Technical specification subject to change  
220222V02EN

Explosionproof LED luminaire

# SELENE Ex

    	SELENE Ex	 25/55/70 W	 L = 50/100/ 150 cm		 3000/4000/ 5000/6500 K	 LM79
	SE1 230 VAC	 260.000 h	 1.2 - 2.4 kg	 IP67	 80/90/95	 3
	 	 .. 164 lm/W	 NS/DALI	 IK08	 -25° .. +45° C	

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