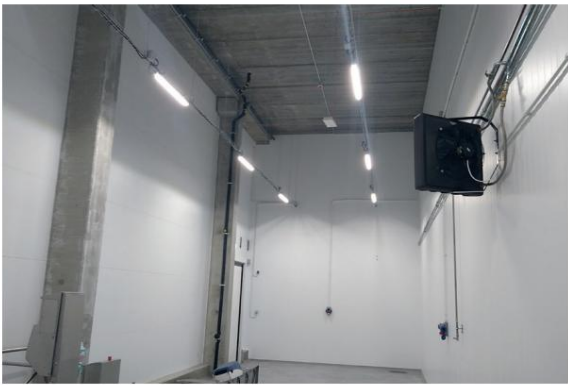


Explosion-proof LED luminaire

SELENE Ex



Designed for use in zones 2, 22

Power from 25 W to 70 W

IP67 tightness class

Reliability

Production in Poland



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



SOLUTIONS FOR:

Explosion hazard zones 2 and 22, highly contaminated workplaces, production halls, warehouses with increased sanitary requirements

Maximum savings

- High flow great
- LEDs with efficiency up to 220 lm/W
- Polycarbonate luminaire body.

User satisfaction and safety

- Production in Poland
- Short order fulfillment time
- Designed for long life
- 3-year warranty
- High color rendering index Ra > 80
- Top-quality components from renowned manufacturers
- Maintaining a constant flow, without stroboscopic effect.

Convenience and comfort for installers and maintenance technicians

- Professional technical support
- Simple and quick installation of the fixture
- Low operating costs.





Technical parameters

Light source	LED diodes	Operating temperature (ta)	from -20°C to +45°C
Diode lifetime	L70 > 260,000 h (ta = 25°C)	Tightness class	IP67
Color temperature	4000 K (others on request)	Electrical insulation class	class II
Color rendering index	Ra > 80	Power factor	cos ϕ > 0.98
Supply voltage	198 – 264 VAC	Power supply efficiency	η > 88%

Dimensions and weight



H – height of the fixture with additional suspension

f – diameter of the frame itself

W – width of the fixture with handles

	f	H	LW mass		
Type of fixture	[mm]	[mm]	[mm]	[mm]	[kg]
SE1-PSP b K1...	50	68	620	68	1.2
SE1-PSP b S1...	50	68	1070	68	1.7
SE1-PSP b D1...	50	68	1480	68	2.4

Accessories

Name:

Code:

ATEX 3G 3D connector set; 250V; 6-10mm

EE-CON-ATEX

ATEX 3G 3D connector set; 250V; 6-10mm; EE-CON-ATEX-B pass-through



Explosion-proof LED luminaire SELENE Ex

Selecting the luminaire power

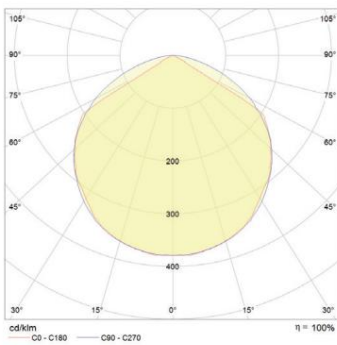
frame version	SE1-025NK1 (25W, L = 620mm)	SE1-055NS1 (55 W, L = 1070 mm)	SE1-070ND1 (70 W, L = 1480 mm)
luminous flux for R100 type optics	4 100 lm	8,600 lm	11,500 lm
replaces	T8 fluorescent lamp fixture 1 x 58 W T8 fluorescent lamp fixture 2 x 58 W T8 fluorescent lamp fixture 3 x 58 W		
application	offices, production halls, low-bay warehouses, workshops, garages, workstations and quality control, linear lighting		

The selection of luminaire power and example applications are indicative and apply to open halls. Specific types of fixtures are selected based on the completed lighting design.

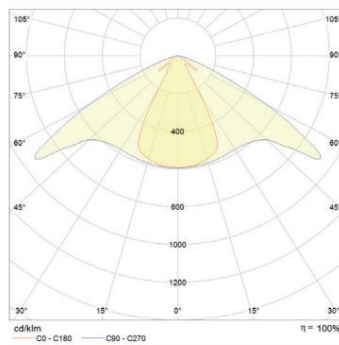
Light distribution curve configuration

Using special optics, the light distribution curve can be shaped to meet the user's requirements. Example distribution curves for R, C, D, E, L optical systems:

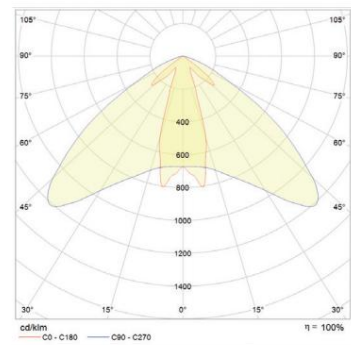
R100 (108° x 110°)



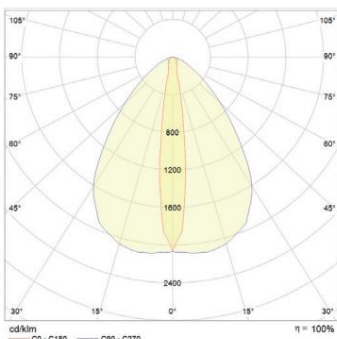
R1C1 (57° x 124°)



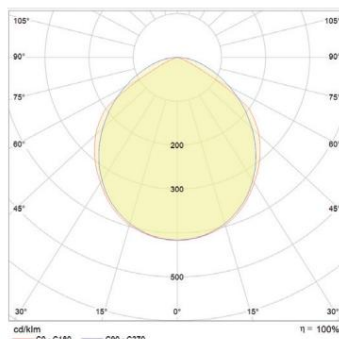
R1D1 (33° x 113°)



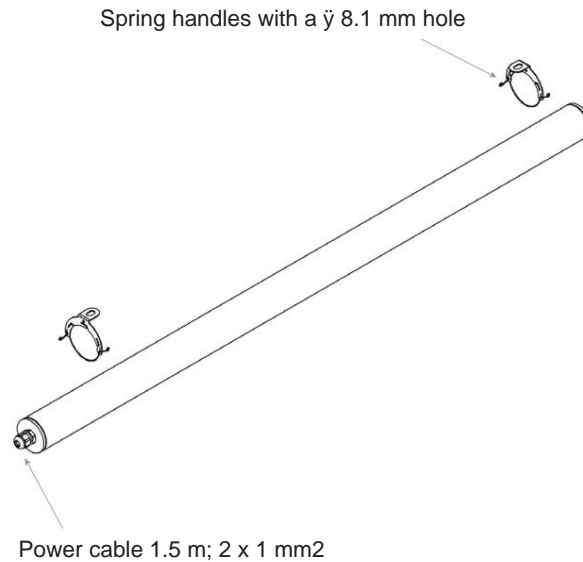
R1E1 (13° x 79°)



R1L1 (107° x 100°)



Simple and quick installation



Selene Ex luminaire coding

SE1 – PSP b L1 – TC – R10M

SE1 product code – Selene Ex fixture

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

b method of controlling the power supply
N – no control
D – DALI

L frame length
K – 620 mm
S – 1070 mm
D – 1480 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

About the type of optics:

C – 57° x 124° transparent
D – 33° x 113° transparent
E – 13° x 79° transparent
L – 107° x 100° matte

M Number of additional optics 0 –
no additional optics 1 –
additional optics added

Coding example

SE1-055NS1-48-R1L1

SE1 Selene luminaire version: S1 **055**
power supply: 55 W

N no control

S LED luminaire length: 1070 mm light color
temperature: 4000 K **4** minimum color rendering

index: Ra > 80 **8** additional optics type: L

L

Technical specifications are subject to change
231205V03

Explosion-proof LED luminaire

SELENE Ex

 Icons: Factory, Ex, MADE IN POLAND, CE	SELENE Ex	 25/55/70 W	 L = 62/107/148 cm		 3000/4000/5000/6500 K	 LM79 PHOTO BIOLOGY
	SE1 230 VAC	 260,000 hours	 1.2 - 2.4 kg	 IP67	 80/90	 3
	 	 .. 164 lm/W	 None/DALI	 IK08	 -25° .. +45°C	 

Company

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