





LEO/SR are street lighting fittings particularly suitable for arterial roads, urban and country highways and exit roads (250W), secondary roads, shopping malls, pedestrian precincts (100 and 150W) and car parks.

They are designed to meet the following specifications:

- high output performance
- lux level in accordance with C.I.E. 30.2 recommendations
- low glare (C.I.E.31)
- zero light pollution
- strong structural characteristics, reliability and endurance.

LEO/SR Luminaria para vías de tamaño medio, arteriales, urbanas, provinciales, salida de autopistas (250W) muelles de almacenes, recintos peatonales (100 a 150W) aparcamientos.

Se han diseñado para cumplir con los siguientes requerimientos:

- *alto rendimiento lumínico.*
- *nivel de flujo de acuerdo con las recomendaciones CIE 30.2*
- *no deslumbramiento (CIE 31)*
- *no polución luminosa.*
- *estructura robusta, fiabilidad y duración.*

LEO /SR

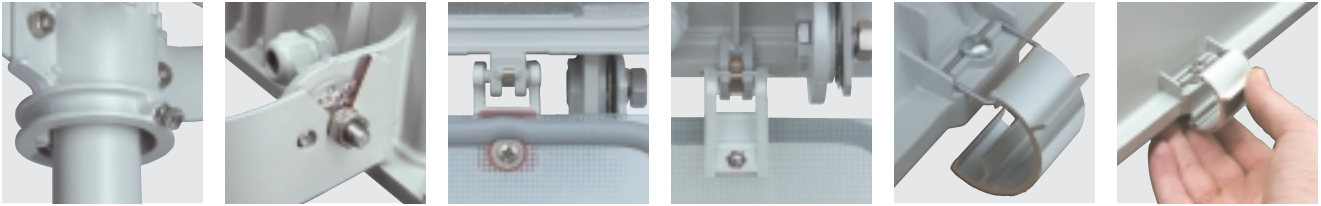


SBP

design Arch. Silvia Paola Pennacchio







STRUCTURAL CONSTRUCTION

- Die cast aluminium body and pole clamp with anti corrosion zinc chromate treatment and painted with polyester powder in grey RAL 9006.
- LEO/SR pole fixation allows installation on straight and Ø60÷76mm poles or with two fittings on the same pole back to back. It also fitting adjustment from -75° to +90°.
- Reflector in polished and anodized very pure aluminium made in five parts to obtain the best control output and performance.
- Safety toughened glass hinged to the body. The fittings are available with two different glasses to meet every installation requirements:
 - transparent glass giving the optimum lighting output
 - frosted glass (soft version) giving a more diffuse and less intense light emission.
- Direct to glass, high efficiency, long life, dual foam silicone gasket.
- Fixed to body closing clips in extruded and anodized aluminium with stainless steel springs.
- Stainless steel external metal screws.

CARACTERISTICAS DE FABRICACION

- Cuerpo y abrazadera de aluminio inyectado, cromado anti corrosión y pintado con poliéster en polvo color gris RAL 9006.
- LEO/SR la abrazadera para instalación en la testa del poste de 60/76 mm. d, permite disponer de dos fijaciones de luminaria en oposición. También puede ajustarse la orientación frente al suelo -75° Hasta +90°.
- Reflector fabricado en aluminio pulido y anodizado, consta de cinco piezas unidas para conseguir un mayor control y rendimiento del flujo luminoso.
- Vidrio templado securizado sujeto al cuerpo. La luminaria puede suministrarse con dos tipos de vidrio diferentes para cumplir con cualquier requerimiento.
 - Transparente para optimización del flujo.
 - Opal (Soft versión) para difundir mejor y disminuir la intensidad del flujo.
- Junta de silicona depositada directamente sobre el vidrio, de larga vida.
- Cierres con el cuerpo de luminaria mediante clips de aluminio extrusionado con muelles de acero inoxidable.
- Tornillos externos de inox.



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TECHNICAL AND UTILIZATION DATA DATOS TECNICOS Y DE MONTAJE

				IK 08 6 J	0,16 m ²	Max 12.5Kg				
CLASS I		94	IP 65				QE Max 250W	ST Max 250W	MT Max 250W	







94		LEO /SR			
05999027	/SR 100	94	CR		E40 100W NAV-T/SON-T
05988027	/SR 150	94	CR		E40 150W NAV-T/SON-T/CDM-TT
05968027	/SR 250	94	CR		E40 250W NAV-T/SON-T/HQI-T/D



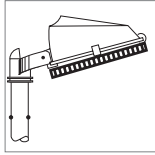
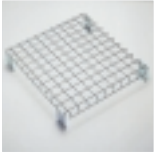
94		LEO /SR			
05028011	/SR 251	94	CR		E40 250W HQL/HPL-N



94		LEO /SR Soft			
05003711	/SR Soft 100	94	CR		E40 100W NAV-T/SON-T
05003811	/SR Soft 150	94	CR		E40 150W NAV-T/SON-T/CDM-TT
05003911	/SR Soft 250	94	CR		E40 250W NAV-T/SON-T/HQI-T/D

Models with frosted glass, giving a more diffuse and less intense light emission.

Modelos con vidrio opal, difunden mejor y rebajan la intensidad del flujo luminoso.



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Protection grill in strong galvanized steel wire 20J. *Malla de protección en acero galvanizado 20J.*

LEO/SR 100-CR
100W NAV-T / SON-T

$E_m = 16 \text{ lux}$ $UI = \frac{E_{min}}{E_{max}} = 0,41$
 $L_m = 1,1 \text{ cd/m}^2$ $U_o = \frac{L_{min}}{L_{med}} = 0,44$

LEO/SR 250-CR
250W NAV-T / SON-T

$E_m = 27 \text{ lux}$ $UI = \frac{E_{min}}{E_{max}} = 0,40$
 $L_m = 1,8 \text{ cd/m}^2$ $U_o = \frac{L_{min}}{L_{med}} = 0,40$

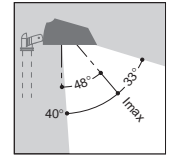
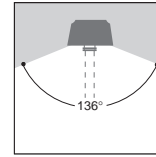
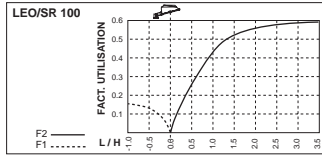
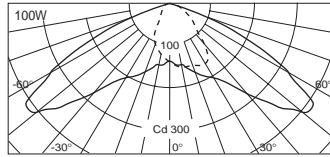
LEO/SR 251-CR
250W HQL / HPL-N

$E_m = 13 \text{ lux}$ $UI = \frac{E_{min}}{E_{max}} = 0,37$
 $L_m = 0,9 \text{ cd/m}^2$ $U_o = \frac{L_{min}}{L_{med}} = 0,56$

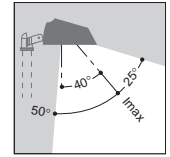
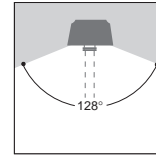
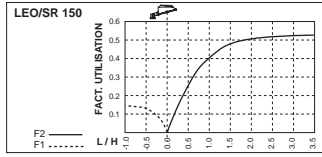
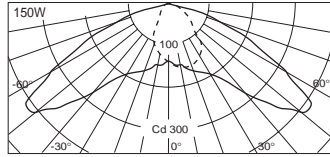
LEO/SR 150-CR
150W NAV-T / SON-T

$E_m = 22 \text{ lux}$ $UI = \frac{E_{min}}{E_{max}} = 0,49$
 $L_m = 1,5 \text{ cd/m}^2$ $U_o = \frac{L_{min}}{L_{med}} = 0,48$

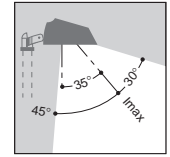
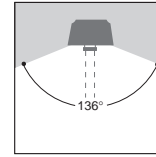
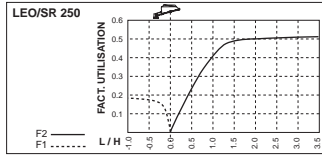
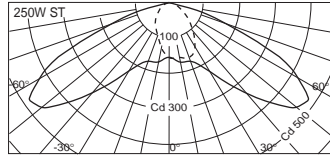
LEO/SR 100



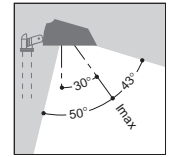
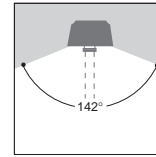
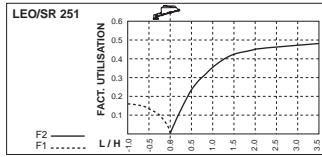
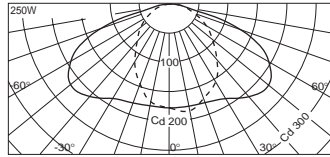
LEO/SR 150



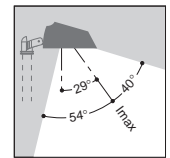
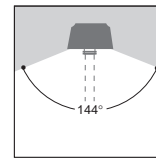
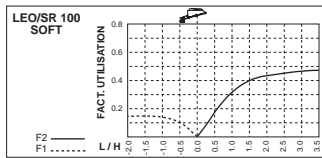
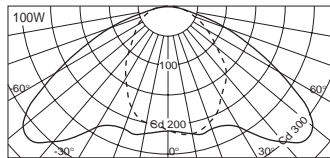
LEO/SR 250



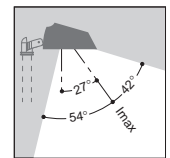
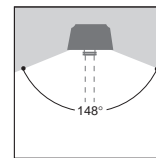
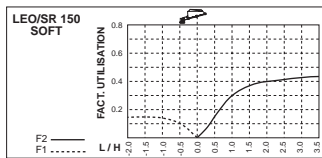
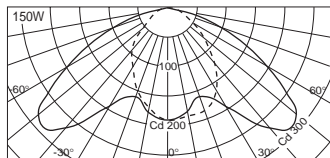
LEO/SR 251



LEO/SR SOFT 100



LEO/SR SOFT 150



LEO/SR SOFT 250

