





Elementos lineales | 220-240 V | 6 x powerLEDs 12.2 W DC - 13.5 W AC | CRI 80  
**81597N08**

Single emission lines for outdoor application. The natural white LED light source with a narrow spot light distribution is composed of 6 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1932 lm, with a 158.4 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised black finish, processed by means of 15 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 1.5 kg.

The total absorbed power is 13.5 W. The power supply cable is included and features a 0.2 m length.

The device features protection class I and can be wall lights or floor-mounted with an outer casing, code 98671 (for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

### Clase de eficiencia energética

Este producto contiene una fuente de luz de clase de eficiencia energética D.

### Características Luminotécnicas

Light Output Ratio (LOR)	57 %
Flujo luminoso (fuente)	1932 lm
Flujo luminoso de luminaria	1105 lm
Consumption	13.5 W
Rendimiento luminoso de las luminarias	81 lm/W
Temperatura de color	4000 K
Standard Deviation of Colour Matching	1.5 Step
Índice de rendimientos cromático	80 Ra

Temperatura estándar del ambiente de servicio	-20 / +50°C
Temperatura típica sobre el vidrio	40°C

### LED Life / Failure Ratio

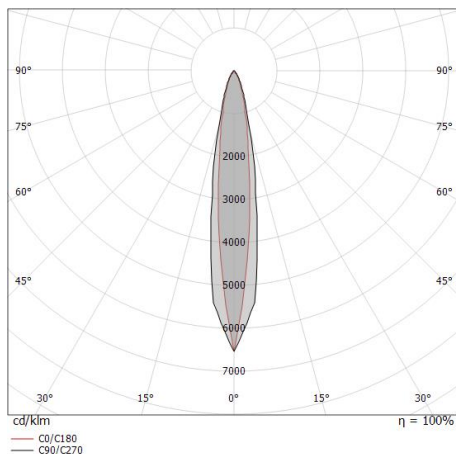
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	11.9
UGR transversal	10.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Óptica C90/C270	19°
Óptica C0/C180	13°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.16 0.11	E(0°) 28871 E(C90) 9.3° 13876 E(C0) 6.5° 14172
1.0	0.33 0.23	E(0°) 7218 E(C90) 9.3° 3469 E(C0) 6.5° 3543
1.5	0.49 0.34	E(0°) 3208 E(C90) 9.3° 1542 E(C0) 6.5° 1575
2.0	0.66 0.46	E(0°) 1804 E(C90) 9.3° 867 E(C0) 6.5° 886
2.5	0.82 0.57	E(0°) 1155 E(C90) 9.3° 555 E(C0) 6.5° 567
3.0	0.98 0.68	E(0°) 802 E(C90) 9.3° 385 E(C0) 6.5° 394

— C0/C180 (Half-peak divergence: 13.0°)  
 — C90/C270 (Half-peak divergence: 18.6°)



		<p>Caja de empotrar                      posición de instalación: pared, piso; tipo instalación: albañilería L=356mm, H=138.3mm,                      D=100.2mm.                      Material:Hierro, color:zinc, elaboración :Galvanizado.</p>	<p><b>Finish</b>                      Grey</p>	<p><b>Code</b>                      98671</p>
		<p>Cable y conector                      Largo 5000 mm.</p>		<p><b>Code</b>                      99822</p>
		<p>Cable y conector                      Largo 1000 mm.</p>		<p><b>Code</b>                      99823</p>
		<p>Cable y conector                      Largo 5000 mm.</p>		<p><b>Code</b>                      99824</p>
		<p>Cable y conector                      Largo 10000 mm.</p>		<p><b>Code</b>                      99825</p>
		<p>Cable y conector                      Largo 1000 mm.</p>		<p><b>Code</b>                      99826</p>