



Elementos lineales | 220-240 V | 6 x powerLED 12.2 W DC - 13.5 W AC | CRI 80  
**82303M60**

Single emission lines for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 6 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1692 lm, with a 138.7 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 floor-mounted with an outer casing, code 98724(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)	60 %
Flujo luminoso (fuente)	1692 lm
Flujo luminoso de luminaria	1020 lm
Consumption	13.5 W
Rendimiento luminoso de las luminarias	75 lm/W
Temperatura de color	2700 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

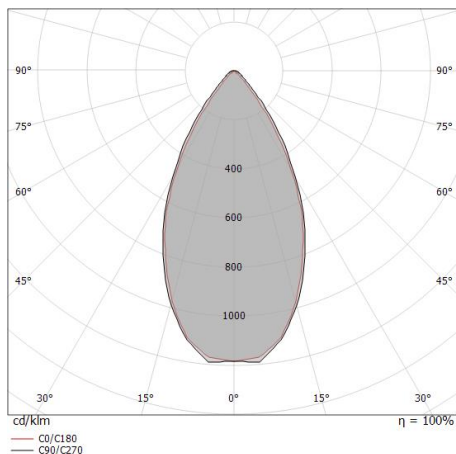
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	18
UGR transversal	14.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Óptica C0/C180	53°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.52 0.50	E(0°) 4826 E(C90) 1709 E(C0) 1724
1.0	1.03 1.01	E(0°) 1207 E(C90) 427 E(C0) 431
1.5	1.55 1.51	E(0°) 536 E(C90) 190 E(C0) 192
2.0	2.06 2.01	E(0°) 302 E(C90) 107 E(C0) 108
2.5	2.58 2.51	E(0°) 193 E(C90) 68 E(C0) 69
3.0	3.10 3.02	E(0°) 134 E(C90) 47 E(C0) 48

— C0/C180 (Half-peak divergence: 53.4°)  
 — C90/C270 (Half-peak divergence: 54.6°)



 	<p>Caja de empotrar</p> <p>posición de instalación: piso; tipo instalación: albañilería L=320mm, H=140mm, D=75mm.</p> <p>Material:Aluminio 6060, color:Negro anodizado, elaboración :Anodizado 15 µm.</p>	<p><b>Finish</b></p> <p></p> <p><b>Code</b></p> <p><u>98724</u></p>
	<p>Cable y conector</p> <p>Largo 5000 mm.</p>	<p><b>Code</b></p> <p><u>99822</u></p>
	<p>Cable y conector</p> <p>Largo 1000 mm.</p>	<p><b>Code</b></p> <p><u>99823</u></p>
	<p>Cable y conector</p> <p>Largo 5000 mm.</p>	<p><b>Code</b></p> <p><u>99824</u></p>
	<p>Cable y conector</p> <p>Largo 10000 mm.</p>	<p><b>Code</b></p> <p><u>99825</u></p>
	<p>Cable y conector</p> <p>Largo 1000 mm.</p>	<p><b>Code</b></p> <p><u>99826</u></p>