





Uplights | 1 arrayLED 9 W DC 24 V | CRI 80  
77319M15

Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1080 lm, with a 120.0 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; 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 0.65 kg.

The total absorbed power is 9 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code C-C100003(for concrete or masonry).

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

### Classe d'efficacité énergétique

Ce produit contient une source lumineuse de classe d'efficacité énergétique F.

### Caractéristiques Techniques de l'éclairage

Light Output Ratio (LOR)	69 %
Flux lumineux (source)	1080 lm
Flux lumineux du luminaire	751 lm
Consumption	9 W
Efficacité lumineuse du luminaire	83 lm/W
Température de couleur	2700 K
Standards de Concordance de Couleur	2 Step MacAdam
Indice de rendu chromatique	80 Ra
Black Body Locus	On
Température standard de l'environnement de	-20 / +50°C
Température typique sur le verre	50°C

### LED Life / Failure Ratio

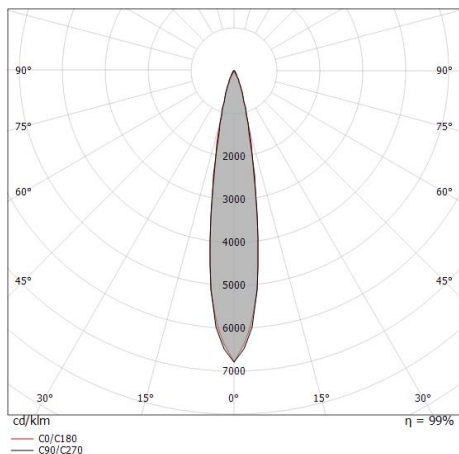
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	8.7
UGR transversal	8.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

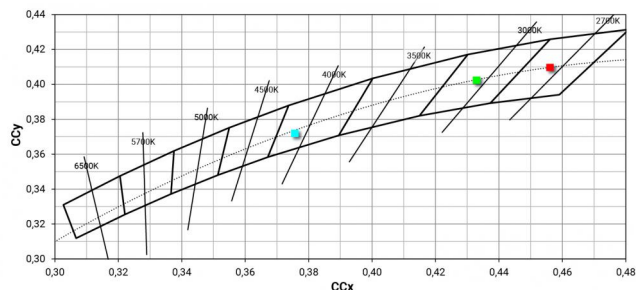
Optique C0/C180	18°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.16 0.16	E(0°) 20394 E(C90) 8.9° 9955 E(C0) 9.0° 9957
1.0	0.31 0.32	E(0°) 5099 E(C90) 8.9° 2499 E(C0) 9.0° 2489
1.5	0.47 0.48	E(0°) 2266 E(C90) 8.9° 1111 E(C0) 9.0° 1106
2.0	0.63 0.63	E(0°) 1275 E(C90) 8.9° 625 E(C0) 9.0° 622
2.5	0.78 0.79	E(0°) 816 E(C90) 8.9° 400 E(C0) 9.0° 398
3.0	0.94 0.95	E(0°) 567 E(C90) 8.9° 278 E(C0) 9.0° 277

— C0/C180 (Half-peak divergence: 18.0°)  
— C90/C270 (Half-peak divergence: 17.8°)

### COLOR VECTOR GRAPHIC



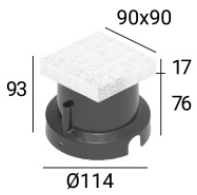


Orma\_QFJ | Uplights | Accessories  
**77319M15**



Outil - Ventouse pour l'extraction du produit  
Matériau:plastique, couleur:orange, fabrication :Vernissage.

**Code**  
83235



Boîtier d'encastrement  
position d'installation: sol; type installation: maçonnerie L=114mm, H=93mm, D=114mm.  
Matériau:Plastique ABS, couleur:noir.

**Code**  
C-C100003