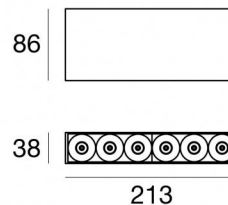
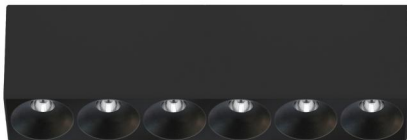




Plafón | 198-264 V
6 x powerLEDs 9 W DC - 11 W AC | CRI 90
65193W15



| Datos técnicos | |
|---|----------------|
| Tipo | Superficie |
| Posición de instalación | Techo |
| Ambiente de instalación | Interiores |
| Fuente de luz | LED |
| Circuit structure | powerLEDs |
| Óptica | Spot |
| Light emission direction | downward |
| Potencia nominal | 9 W DC |
| Poder total | 11 W |
| Flujo luminoso (fuente) | 1086 lm |
| Tensión nominal de entrada | 220 - 240 V AC |
| Rango de voltaje de entrada | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 3000 K |
| Índice de rendimientos cromático | 90 Ra |
| C.C. / C.V. | AC |
| Clase de aislamiento | 2 |
| IP | IP20 |
| Test del hilo incandescente | 850° |
| Montaje directo sobre superficies normalmente inflamables | Sí |
| CE | Sí |
| Driver incluido. | driver |
| Artículo regulable | No |
| Orientabilidad | No |
| Basculación | No |
| Practicabilidad | No |
| Transitabilidad | No |
| Cable incluido. | Sí |
| Largo del cable | 0.170 m |
| Resinado | No |
| Tipología de emisión luminosa | Una emisión |
| Peso neto | 0.700 Kg |
| Protección descargas electrostáticas | 4 KV |
| Protección contra sobretensiones | 2 KV |
| Características tecnológicas del producto | TVS |

| Acabado cuerpo | |
|----------------|------------------------|
| Material | Aluminio 6060 - PC |
| Color | Negro - negro |
| Elaboración | Recubrimiento en polvo |

| Acabado difusor | |
|-----------------|---|
| Material | Policarbonato resistente a los rayos UV |
| Color | chromo |
| Elaboración | Metalización |

| Cables Electrification | |
|------------------------|----|
| Cable connector | No |

Plafón | 198-264 V | 6 x powerLEDs 9 W DC - 11 W AC | CRI 90
65193W15

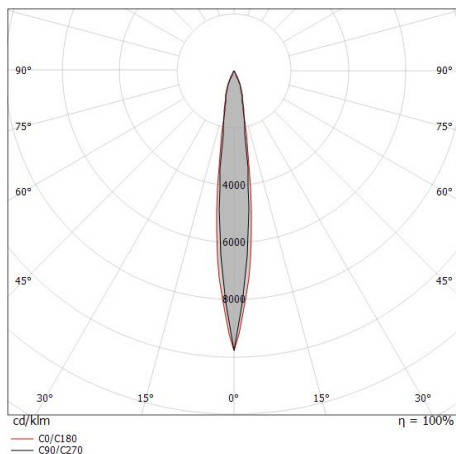
Single emission ceiling downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 6 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1086 lm, with a 120.7 lm/W nominal luminous efficacy.

The device body is made of PC and features a black finish. The device body is made of aluminium 6060 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate with a metallization treatment. The ingress protection degree is IP20; the total weight is of 0.700 kg.

The total absorbed power is 11 W. The power supply cable is included and features a 0.170 m length.

The device features protection class II and can be ceiling-mounted.

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.10 0.12 | E(0°) 28714 E(C90) 5.9° 14322 E(C0) 6.9° 14261 |
| 1.0 | 0.21 0.24 | E(0°) 7178 E(C90) 5.9° 3580 E(C0) 6.9° 3565 |
| 1.5 | 0.31 0.36 | E(0°) 3190 E(C90) 5.9° 1591 E(C0) 6.9° 1585 |
| 2.0 | 0.41 0.48 | E(0°) 1795 E(C90) 5.9° 895 E(C0) 6.9° 891 |
| 2.5 | 0.52 0.61 | E(0°) 1149 E(C90) 5.9° 573 E(C0) 6.9° 570 |
| 3.0 | 0.62 0.73 | E(0°) 798 E(C90) 5.9° 398 E(C0) 6.9° 396 |

— C0/C180 (Half-peak divergence: 13.8°)
 - - C90/C270 (Half-peak divergence: 11.8°)

Clase de eficiencia energética

Este producto contiene 2 fuentes de luz de clase de eficiencia energética F.

Características Luminotécnicas

| | |
|--|----------------|
| Light Output Ratio (LOR) | 67 % |
| Flujo luminoso (fuente) | 1086 lm |
| Flujo luminoso de luminaria | 734 lm |
| Consumption | 11 W |
| Rendimiento luminoso de las luminarias | 66 lm/W |
| Temperatura de color | 3000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Índice de rendimientos cromático | 90 Ra |

Temperatura estándar del ambiente de servicio -20 / +50°C

Temperatura típica sobre el vidrio 40°C

LED Life / Failure Ratio

L70 B20 C0 214455h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 4.4 |
| UGR transversal | 5.4 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Óptica C0/C180 | 12° |
| Light distribution simmetry | Symmetrical |