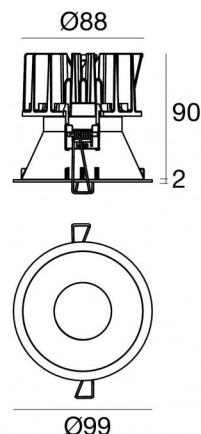


# Warp\_R EVO



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
77368W10



92

Datos técnicos	
Posición de instalación	Techo
Ambiente de instalación	Interiores
Fuente de luz	LED
Circuit structure	arrayLED
Óptica	Spot
Light emission direction	downward
Potencia nominal	9 W DC
Flujo luminoso (fuente)	1119 lm
Rango de voltaje de entrada	700mA
CCT / Tone	3000 K
Índice de rendimientos cromático	90 Ra
C.C. / C.V.	CC
Clase de aislamiento	3
IP	IP40
IP vano óptico	IP65
Test del hilo incandescente	850°
Montaje directo sobre superficies normalmente inflamables	Sí
CE	Sí
Driver incluido.	No
Artículo regulable	DALI - 1-10V
Orientabilidad	No
Basculación	No
Practicabilidad	No
Transitabilidad	No
Cable incluido.	Sí
Largo del cable	0.2 m
Resinado	No
Tipología de emisión luminosa	Una emisión
Peso neto	0.3 Kg
Protección descargas electrostáticas	No
Protección contra sobretensiones	No
Tecnología óptica	Honey comb

Acabado cuerpo	
Material	Tecnopolímero
Color	blanco RAL 9003

Acabado difusor	
Material	Policarbonato resistente a los rayos UV
Color	transparente

Acabado radiador	
Material	Aluminio fundido EN AB - 46100
Color	aluminio
Elaboración	Pulido

### Electrónica



99147  
On/Off Driver 198~264V AC



99735  
Multi Power 198~264V AC / 180~275V DC



99733  
1-10V Multi Power 198~264V AC / 180~275V DC



C-E100012  
Push and Simply Dim - DALI-2 Controller



C-E100016  
Push and Simply Dim - DALI-2 Controller

Cables Electrificación	
Cable connector	JST Quick connector Male + Female



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
**77368W10**

Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1119 lm, with a 124.3 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white ral 9003 finish; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 0.3 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W. The power supply cable is included and features a 0.2 m length.

The device features protection class III and can be ceiling-mounted, with a 92 mm diameter hole (in plasterboard) with an outer casing, code 89374(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 E.

### Características Luminotécnicas

Light Output Ratio (LOR)	59 %
Flujo luminoso (fuente)	1119 lm
Flujo luminoso de luminaria	667 lm
Consumption	9 W
Rendimiento luminoso de las luminarias	74 lm/W
Temperatura de color	3000 K
Standard Deviation of Colour Matching	2 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

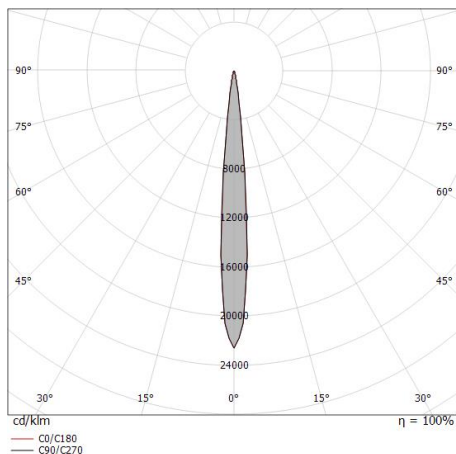
L70 B10 C0 112960h (at Tj 65 Ta 25 )

### UGR

UGR axial	-0.2
UGR transversal	-0.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Óptica C0/C180	10°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.09 0.09	E(0°) 60184 E(C90) 5.1° 29770 E(C0) 4.9° 30134
1.0	0.18 0.17	E(0°) 15046 E(C90) 5.1° 7442 E(C0) 4.9° 7534
1.5	0.27 0.26	E(0°) 6687 E(C90) 5.1° 3308 E(C0) 4.9° 3348
2.0	0.36 0.34	E(0°) 3762 E(C90) 5.1° 1861 E(C0) 4.9° 1883
2.5	0.45 0.43	E(0°) 2407 E(C90) 5.1° 1191 E(C0) 4.9° 1205
3.0	0.54 0.51	E(0°) 1672 E(C90) 5.1° 827 E(C0) 4.9° 837

# Warp\_R EVO

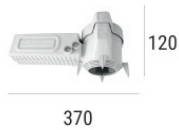


Warp\_R EVO | Downlights | Accessories  
**77368W10**



Caja de empotrar  
posición de instalación: techo; tipo instalación: albañilería L=200mm, H=113mm,  
D=137mm.  
Material: polipropileno, color: blanco.

**Code**  
89373



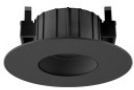
Caja de empotrar  
posición de instalación: techo; tipo instalación: albañilería L=370mm, H=120mm,  
D=200mm.  
Material: polipropileno, color: blanco.

**Code**  
89374



Frontal Kit Quantum\_R EVO blanco

**Code**  
83373



Kit frontal Vos\_R EVO negro

**Code**  
83378



Frontal Kit Vos EVO blanco

**Code**  
83377



Kit frontal Quantum\_R EVO negro

**Code**  
83374



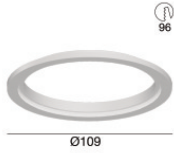
Frontal Kit Warp\_R EVO blanco

**Code**  
83375



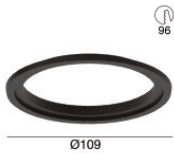
Kit frontal Warp\_R EVO negro

**Code**  
83376



Brida adaptativa frontal blanca para Warp EVO

**Code**  
83395



Brida adaptativa frontal negra para Warp EVO

**Code**  
83390



Frontal Kit Quantum\_R EVO dorado

**Code**  
C-K400046



Frontal Kit Quantum\_R EVO cobre

**Code**  
C-K400047



Frontal Kit Warp\_R EVO cobre

**Code**  
C-K400049



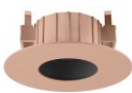
Frontal Kit Warp\_R EVO dorado

**Code**  
C-K400048



Frontal Kit Vos EVO dorado

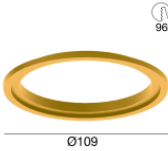
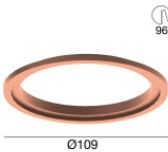
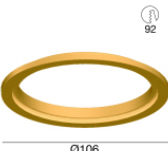
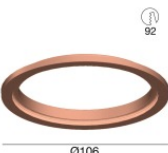



**Code**  
C-K400050



Frontal Kit Vos EVO cobre

**Code**  
C-K400051



 <p>Ø109</p>	Brida adaptativa frontal oro para Warp EVO	<b>Code</b> <u>C-K400052</u>
 <p>Ø109</p>	Brida adaptativa frontal cobre para Warp EVO	<b>Code</b> <u>C-K400053</u>
 <p>Ø106</p>	Brida adaptativa frontal oro para Quantum EVO	<b>Code</b> <u>C-K400054</u>
 <p>Ø106</p>	Brida adaptativa frontal cobre para Quantum EVO	<b>Code</b> <u>C-K400055</u>
	antideslumbramiento Tipo antideslumbrante: louvre de nido de abeja. Material:Pom-C, color:Negro.	<b>Code</b> <u>83379</u>
	Difusor Tipo de difusor: filtro ellittico	<b>Code</b> <u>83380</u>
	Difusor Tipo de difusor: filtro estético	<b>Code</b> <u>83381</u>