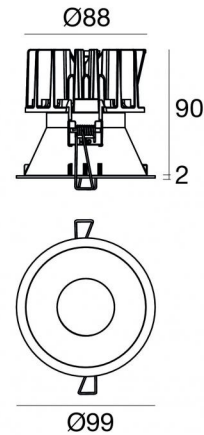


# Warp\_R EVO



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
77345W10



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

## Acabado cuerpo

Material	Tecnopolímero
Color	Negro
Elaboración	Pintura

## 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 (1 - 2 art.)



99735  
Multi Power 198-264V AC / 180-275V DC (1 art.)



99733  
1-10V Multi Power 198-264V AC / 180-275V DC (1 art.)



C-E100012  
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016  
Push and Simply Dim - DALI-2 Controller (1 - 2 art.)



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
77345W10

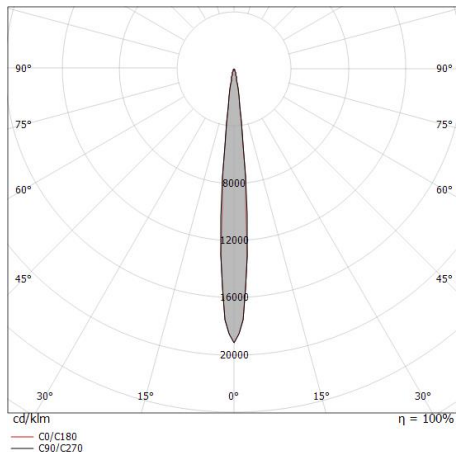
Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1119 lm, with a 124.3 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a black finish, processed by means of coating; 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.09 0.09	E(0°) 60230 E(C90) 5.2° 30281 E(C0) 5.0° 29783
1.0	0.18 0.17	E(0°) 15057 E(C90) 5.2° 7570 E(C0) 5.0° 7446
1.5	0.27 0.26	E(0°) 6692 E(C90) 5.2° 3365 E(C0) 5.0° 3309
2.0	0.36 0.35	E(0°) 3764 E(C90) 5.2° 1893 E(C0) 5.0° 1861
2.5	0.46 0.44	E(0°) 2409 E(C90) 5.2° 1211 E(C0) 5.0° 1191
3.0	0.55 0.52	E(0°) 1673 E(C90) 5.2° 841 E(C0) 5.0° 827

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 10.0°)  
— C90/C270 (Half-peak divergence: 10.4°)

## Clase de eficiencia energética

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

## Características Luminotécnicas

Light Output Ratio (LOR)	70 %
Flujo luminoso (fuente)	1119 lm
Flujo luminoso de luminaria	787 lm
Consumption	9 W
Rendimiento luminoso de las luminarias	87 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	6.1
UGR transversal	6.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

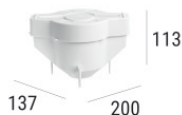
## OPTICAL

Óptica C0/C180	10°
Light distribution simmetry	Symmetrical

# Warp\_R EVO



Warp\_R EVO | Downlights | Accessories  
**77345W10**



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



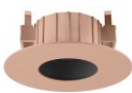
Frontal Kit Warp\_R EVO dorado

**Code**  
C-K400048



Frontal Kit Vos EVO dorado

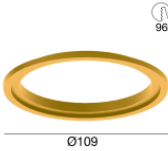
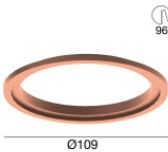
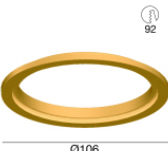
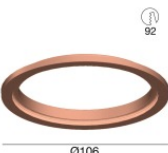



**Code**  
C-K400050



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>