

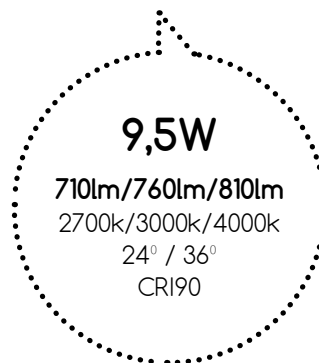
qbo led module

led module AC

qbo

- Es compatible con la mayoría de las luminarias halógenas MR16 / GU10 existentes
- 10 W LED equivale a 50 W MR16 halógeno con mayor potencia lumínica
- Solución idónea para sustituir MR16 / GU1
- Módulo con electrónica, disipador de calor y óptica integrados
- Compatible con reguladores de fase inicial y final
- Rango de regulación 0,1 a 100 % (según regulador)
- Óptica lenticular con un marcado carácter facetado
- Eficiencia del sistema de hasta 85 lm/W
- CRI elevado, Ra típico = 92
- Temperaturas de color 2.700, 3.000 y 4.000 K
- Elevada consistencia del color (MacAdam 3)
- Ángulo de emisión de luz: spot (24°) o downlight (36°)
- Larga duración: L70B50 >50.000 h con tp = 75 °C
- 5 años de garantía

- Fits in most existing MR16 / GU10 halogen luminaires
- 10 W LED Equivalent to 50 W MR16 halogen with heigher lumenoutput
- Perfect solution for MR16 / GU10 replacement project
- Module with integrated electronic, heatsink and optics
- Compatible with leading and trailing edge phase cut dimmers
- Dimming range 0.1 to 100 % (depends on dimmer)
- Eye-catching lens optic with mirrors halogen facettes
- System luminous efficacy up to 85 lm/W
- Higher CRI, typical Ra = 92
- Colour temperatures 2,700 K, 3,000 K and 4,000 K
- High colour consistency (MacAdam 3)
- Beam Angle: spot degree (24°) or downlight (36°)
- Long life-time: L70B50 >50,000 h at tp = 75 °C
- 5-year guarantee

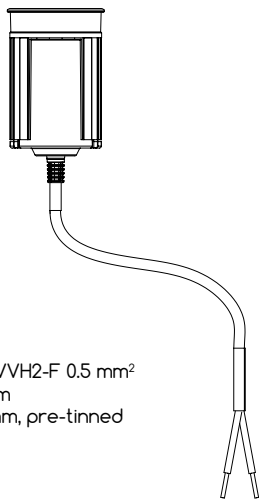


qbo polo + led module

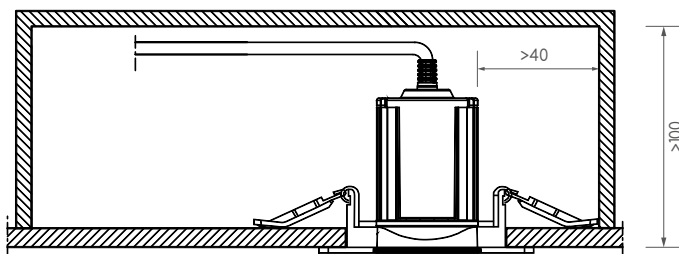
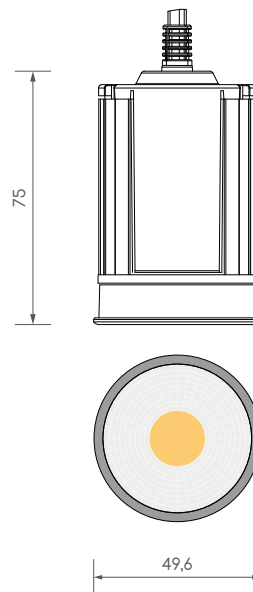
led module AC

qbo

COD.	W	Color K	lm	°	CRI
TR28001934	9,5	2700	710	24	>90
TR28001935	9,5	2700	710	36	>90
TR28001936	9,5	3000	760	24	>90
TR28001937	9,5	3000	760	36	>90
TR28001938	9,5	4000	810	24	>90
TR28001939	9,5	4000	810	36	>90



CABLE TYPE : VDE HO3VVH2-F 0.5 mm²
 CABLE LENGTH : 460 mm
 STRIPPING LENGTH : 8 mm, pre-tinned



led module^{DC}

qbo

- Es compatible con la mayoría de las luminarias halógenas MR16 / GU10 existentes
- Sustitución de lámparas halógenas MR16 de 50 W o de una lámpara HID de 20 W
- Módulo con disipador de calor y óptica integrados
- Compatible con drivers regulables
- Libre elección de LED Driver de regulación variable y no regulables
- Precableado para una instalación rápida y sencilla
- Óptica lenticular con un marcado carácter facetado
- Eficacia del módulo hasta 104 lm/W
- CRI elevado, Ra típico = 92
- Temperaturas de color 2.700, 3.000 y 4.000 K
- Elevada consistencia del color (MacAdam 3)
- Ángulo de emisión de luz: spot (24°) o downlight (36°)
- Larga duración: L70B50 >50.000 h
- 5 años de garantía

- Fits in most existing MR16 / GU10 halogen luminaires
- Replacement of 50 W MR16 halogen lamps or 20 W HID lamp
- Module with integrated heatsink and optics
- Compatible with dimmable drivers
- Free choice of variable dimming and non-dimming LED Drivers
- Pre-wired for quick and easy installation
- Eye-catching lens optic with mirrors halogen facettes
- Module luminous efficacy up to 104 lm/W
- Higher CRI, typical Ra = 92
- Colour temperatures 2,700 K, 3,000 K, 4,000 K
- High colour consistency (MacAdam 3)
- Beam Angle: spot degree (24°) or downlight (36°)
- Long life-time: L70B50 >50,000 h
- 5-year guarantee

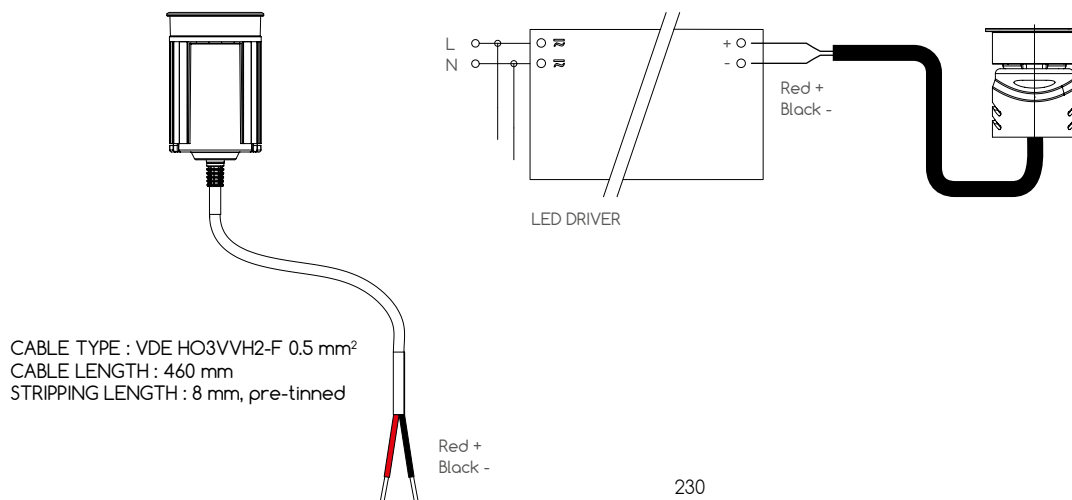


8,8W

710lm/760lm/810lm
2700k/3000k/4000k
24° / 36°
CRI90

12,2W

1140lm/1170lm/1270lm
2700k/3000k/4000k
24° / 36°
CRI90



led module ^{DC}

qbo

COD.	W	Color K	lm	°	CRI
TR28001942	8,8	2700	770	24	>90
TR28001943	8,8	2700	770	36	>90
TR28001944	8,8	3000	840	24	>90
TR28001945	8,8	3000	840	36	>90
TR28001946	8,8	4000	890	24	>90
TR28001947	8,8	4000	890	36	>90

Driver no incluido / Driver not included

Drivers no regulables compatibles / Non dimmable drivers compatible:

87500580 - LC 10W 250MA FIXC SR SNC

Drivers regulables compatibles / Dimmable drivers compatible:

28000673 - LCA 10W 150-4 00MA ONE4ALL SC PRE

Componentes necesarios para driver regulable / Needed components for dimmable driver:

28001106 - I-SELECT 2 PLUG 250MA BL

28001168 - ACU SC 43X30MM CLIP-ON SR SET

Regulación Dali, pulsador, DSI y corredor function / Dali dimmer.

COD.	W	Color K	lm	°	CRI
TR28001950	12,2	2700	1140	24	>90
TR28001951	12,2	2700	1140	36	>90
TR28001952	12,2	3000	1170	24	>90
TR28001953	12,2	3000	1170	36	>90
TR28001954	12,2	4000	1270	24	>90
TR28001955	12,2	4000	1270	36	>90

Driver no incluido / Driver not included

Drivers no regulables compatibles / Non dimmable drivers compatible:

87500572 - LC 15W 350MA FIXC SR SNC

Drivers regulables compatibles / Dimmable drivers compatible:

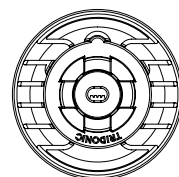
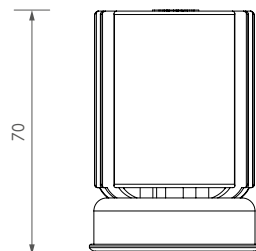
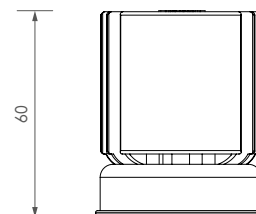
28000674 - LCA 17W 250-700MA ONE4ALL SC PRE

Componentes necesarios para driver regulable / Needed components for dimmable driver:

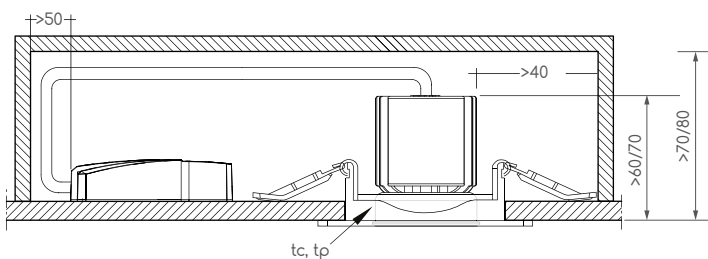
28001110 - I-SELECT 2 PLUG 350MA BL

28001168 - ACU SC 43X30MM CLIP-ON SR SET

Regulación Dali, pulsador, DSI y corredor function / Dali dimmer.



49,6



qbo coin + led module



