

# Hydra- HY.C.012TE

Circular recessed swivel head 12V AC downlight


**Replaces:**

: 50W Halogen

**Applications:**

Retail & Display, Office, Educational & Communal, as well as General installations

**Warranty (Yrs.)**

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Hydra C.012 is a phase cut dimmable Circular recessed swivel head 12V AC downlight , designed for Retail & Display, Office, Educational & Communal, as well as General illumination to replace or 50W Halogen luminant(s). This products is available with the facia finishes: RAL9005 Brushed RAL9016 Bespoke .

With a minimum light output of 800lm, this luminaire is a simple replacement for existing energy hungry MR16 lamps.The high efficacy (67Lm/W) light engine has the power to illuminate areas with a similar effect to a Halogen lamp rated 50W.

C.012 has a useful life of 10 years in an operational environment, unlike halogen which has an operating life of under a year. C.012's intesity and colour do not deteriorate with age.

IP Rating	20	Beam Angle (°FWHM)	60
System Power (W)	12	Flux (Lm)	800
System efficacy (Lm/W)	67	CRI (Ra4)	>80
Input Voltage (V)	12V AC	CCT (K)	3000K / 4000K / 5000K
Input frequency (Hz)	50/60	Life Expectancy (Hrs.)	> 50000
Power Factor (cos phi)	>0.9	Lx @ 1m	441
Operating temp. (°C)	10 ~ 40	2m	110
Storage temp. (°C)	0 ~40	3m	49
Weight (gr)		Illuminated area (m)@ 1m	1.05
Dimensions (mm): LxWxH	70x 0x 80	2m	4.20
		3m	9.45