

MD50 50MM DROP-IN LED LAMP MODULE

Superlight MD50 is a high quality LED module for dropping into existing luminaires and fittings. A versatile solution for lighting upgrades. Especially ideal to seamlessly integrate into existing MR16 or GU10 holders, the compact module is perfect for settings that demand dynamic color-changing effects inc CCT Tunable, RGBW or single colour dimmable configurations.

SPECIFICATIONS

Input Voltage:	12VDC or 24VDC
Max Power Consumption:	7W / 9W / 12W
Diameter:	50mm Diameter
Driver Configuration:	Constant Voltage
Overall Depth:	49.5mm / 70.5mm
LED Classification:	Epistar
LED Quantity:	1x3W
Body Colour:	Black (Custom Colour by Request)
Heatshrink Material:	Aluminium
Reflector:	High Purity ALuminium
Optional Optic Accessory:	Honeycomb Optic
Typical Light Source Efficacy:	85-120lm/W
Beam Angle Options:	10° / 20° / 30° / 38° / 55°
Recommended Ambient Temp:	-15 ~ +50°C
IP Protection Rating:	IP20

PHOTOMETRIC INFORMATION

MD50Dx-5000K	CCT: 6000K CRI: 80	
MD50Dx-4000K	CCT: 4000K CRI: 80	
MD50Dx-3000K	CCT: 3000K CRI: 80	
MD50Dx-TW	Tunable CCT 2700-6500K	
MD50Dx-RGBW	RGBW (RGB+3000K)	

Detailed photometric report and IES files available by request

TYPICAL APPLICATIONS

Marine applications, outdoor lighting, feature lighting, decorative installations, luxury marine lighting, clubs and hotels, restaurants, ambiance to venue illumination and outdoor lighting special projects, retrofit lighting, RGBW or Tunable.

CONTROL & DIMMING COMPATIBILITY

Superlight MD50 fittings are dimmable and can be controlled using a wide variety of Control protocol devices such as 1-10V Analogue, DALI, DALI-2 DT8, DMX512. RGBW versions are controllable with any Superlight 12/24VDC Colour Controller. 2-channel Tunable 2700K-6500K configurations available by request

ORDERING INFORMATION

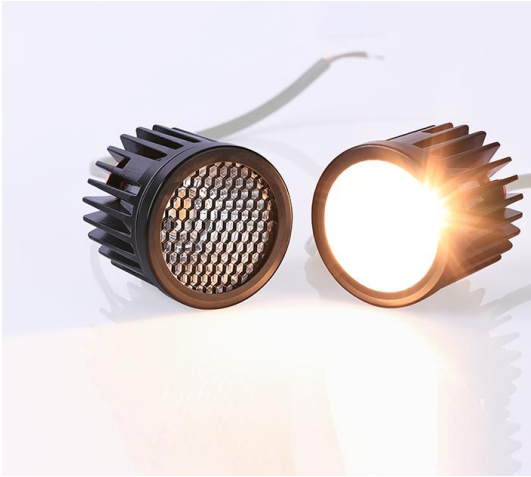
MD50D (7W)	MD50 LED Module 50x49.5mm
MD50D (9W)	MD50 LED Module 50x70.5mm
MD50D (12W)	MD50 LED Module 50x70.5mm
CCT / LED Option:	2700K / 3000K / 4000K / 5000K / TW / RGBW
Specify Voltage	12VDC or 24VDC

CONFIGURATION OPTIONS

Colour can be refinished to desired colour by special request
Superlight can provide control solutions for Tunable/RGBW control systems

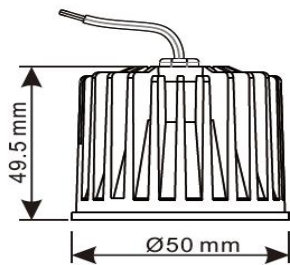


All product specifications are subject to change without notice. Superlight accepts no liabilities as a result of errors, updates or omissions. Please re-confirm all product details prior to ordering.

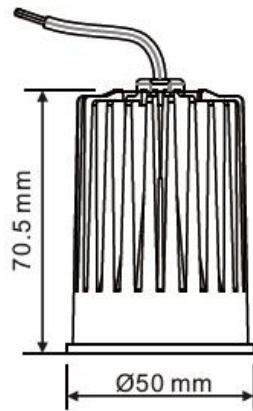


DIMENSIONS & CONFIGURATIONS

MD50: **7W**



MD50: **9W / 12W**



MD50: **ALUMINIUM REFLECTOR**
BEAM ANGLE OPTIONS: 10° / 20° / 30° / 38° / 55°



MD50: **OPTIONAL HONEYCOMB BAFFLE FOR REDUCED GLARE**

