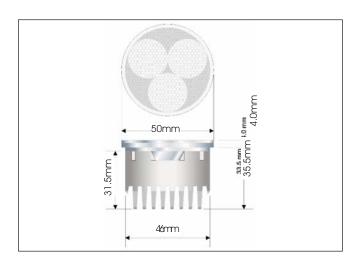




# **HL16 LED LIGHT ENGINE**



#### Features & Benefits:

- $\triangleright$  Long operating life typically 50,000 hours
- Doptimised thermal management
- ▷ Onboard driver option
- ight
  angle Selectable beam angles
- ight
  angle Full range of light output colours
- No UV

#### Application:

Dialight's HL16 modules feature 3 high flux LEDs complete with heatsink. Comparable to a traditional MR16 size, the HL16 modules can also be easily retrofitted into existing MR16 housings. The HL16 works well in exterior architecture, landscape, accent and display case applications

**Mechanical Information** 

**Container Dimensions:** Diameter = 50.0mm (1.97")

Height = 36.0mm (1.42"), 37.5mm (1.48") with sub lens attached Lead length = 150mm (5.91

Container Weight: 94g

Mounting: MR16 type housings

(supplied by others)

**Electrical specifications** 

**Power Consumption:** 3.6 watts

Operating Temperature: -10°C to +40°C

**Drive Current**: 350mA

Housing: Die cast heatsink

Lens: Acrylic lens

**Photometric Information** 

CCT: 6,500K (cool white)

3,200K (neutral white

Intial Lumen Output: Cool White - 300lm

Warm White - 180lm

All values typical unless otherwise stated





### HL16 with Wide Lens



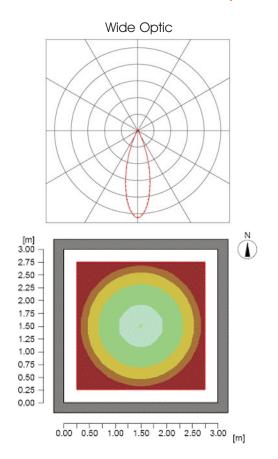
#### Order Codes:

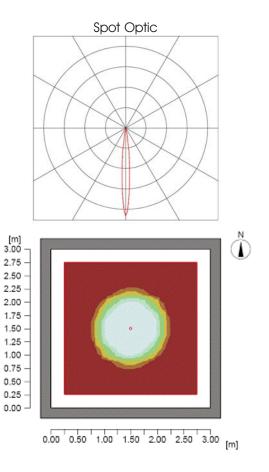
Part Number	Description		
HL16-W	LED light engine, cool white		
HL16-WW	LED light engine, warm white		

#### Compatible Drivers:

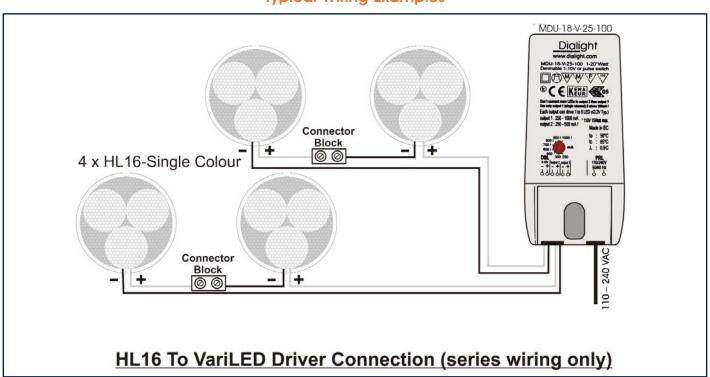
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Part Number	Maximum number of HL16s	Supply Voltage	Dimming	Dimensions	
MDU93570	3	110-240VAC	X	100 x 40 x 25 mm	
MLD8-C-35170	2	230VAC	Х	111 x 52 x 23.5 mm	
MDU-18-V-25-100	4	230VAC	Via 0-10V dimmer	110 x 49 x 25 mm	
MND70	3	110 - 240VAC	Trailing edge dimmer	99 x 39 x 23.5mm	

### **Operating Characteristics**





## **Typical Wiring Examples**



Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at:

www.dialight.com/Assets/Brochures\_And\_Catalogs/Illumination/MDEXLUMHL16.pdf