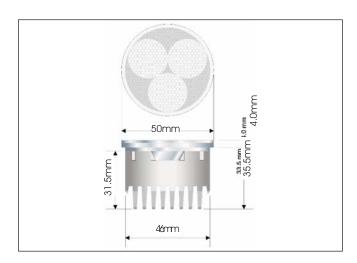




HL16 LED LIGHT ENGINE



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



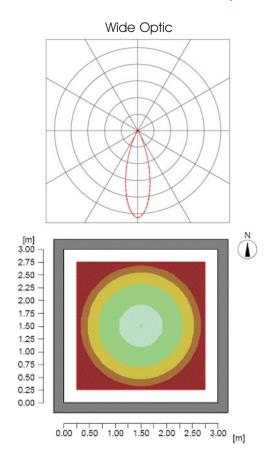
Order Codes:

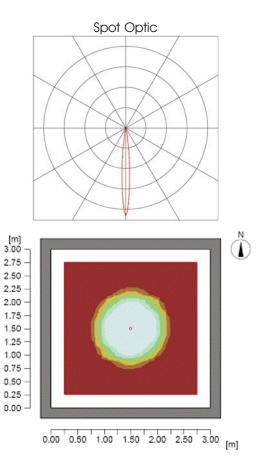
| Part Number | Description | | |
|-------------|------------------------------|--|--|
| HL16-W | LED light engine, cool white | | |
| HL16-WW | LED light engine, warm white | | |

Compatible Drivers:

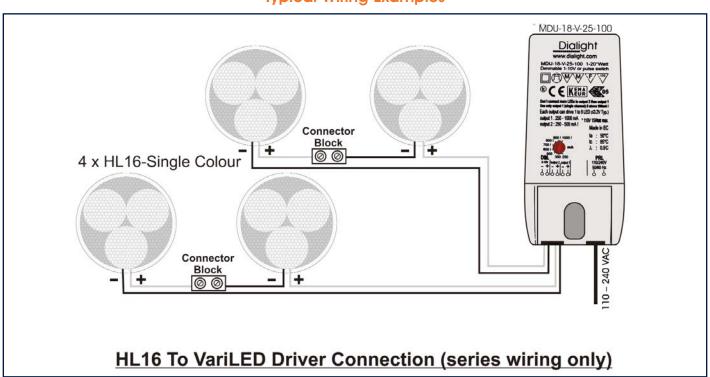
| · · · · · · · · · · · · · · · · · · · | | | | | |
|---------------------------------------|-------------------------------|-------------------|----------------------|--------------------|--|
| Part Number | Maximum number of HL16s | Supply Voltage | Dimming | Dimensions | |
| MDU93570 | 3 | 110-240VAC | 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

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