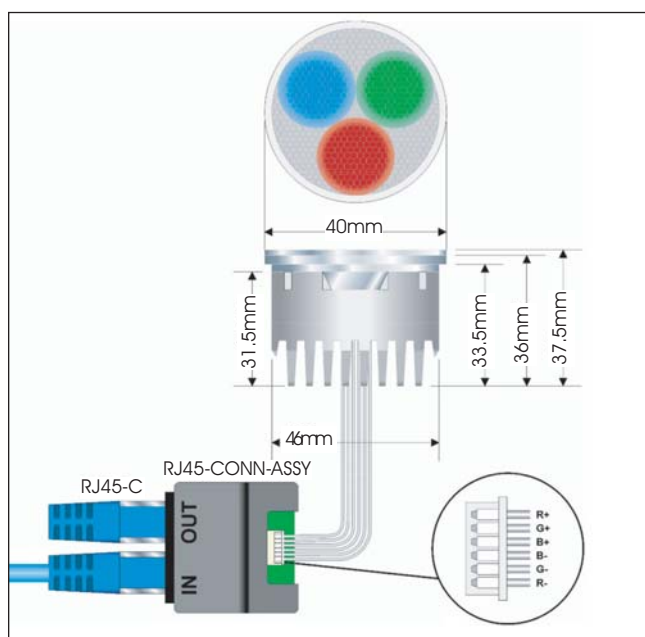




## HL16 RGB LED LIGHT ENGINE



### Features & Benefits:

- ▷ Ability to create infinite numbers of colors or dynamic color changing effects
- ▷ Easy retrofit to existing MR16 fixtures
- ▷ Sub-lenses included for choice of light distribution
- ▷ Long life of 50,000hrs at 70°C PCB temperature

### Mechanical Information:

<b>Container Dimensions:</b>	Diameter = 50.0mm (1.97") Height = 36.0mm (1.42"), 37.5mm (1.48") with sub lens attached Lead length = 150mm (5.91)
<b>Container Weight:</b>	94g
<b>Mounting:</b>	MR16 type housings (supplied by others)
<b>Electrical specifications:</b>	
<b>Operating Temperature:</b>	-10°C to +40°C
<b>Drive Current:</b>	350ma
<b>Housing:</b>	Die cast heatsink
<b>Lens:</b>	Acrylic lens
<b>Photometric Information:</b>	
<b>Lumen Output (Typ):</b>	Red - 32lm Blue - 24lm Green - 42lm

### Order Codes:

Part Number	Description
HL16-RGB	LED light Engine

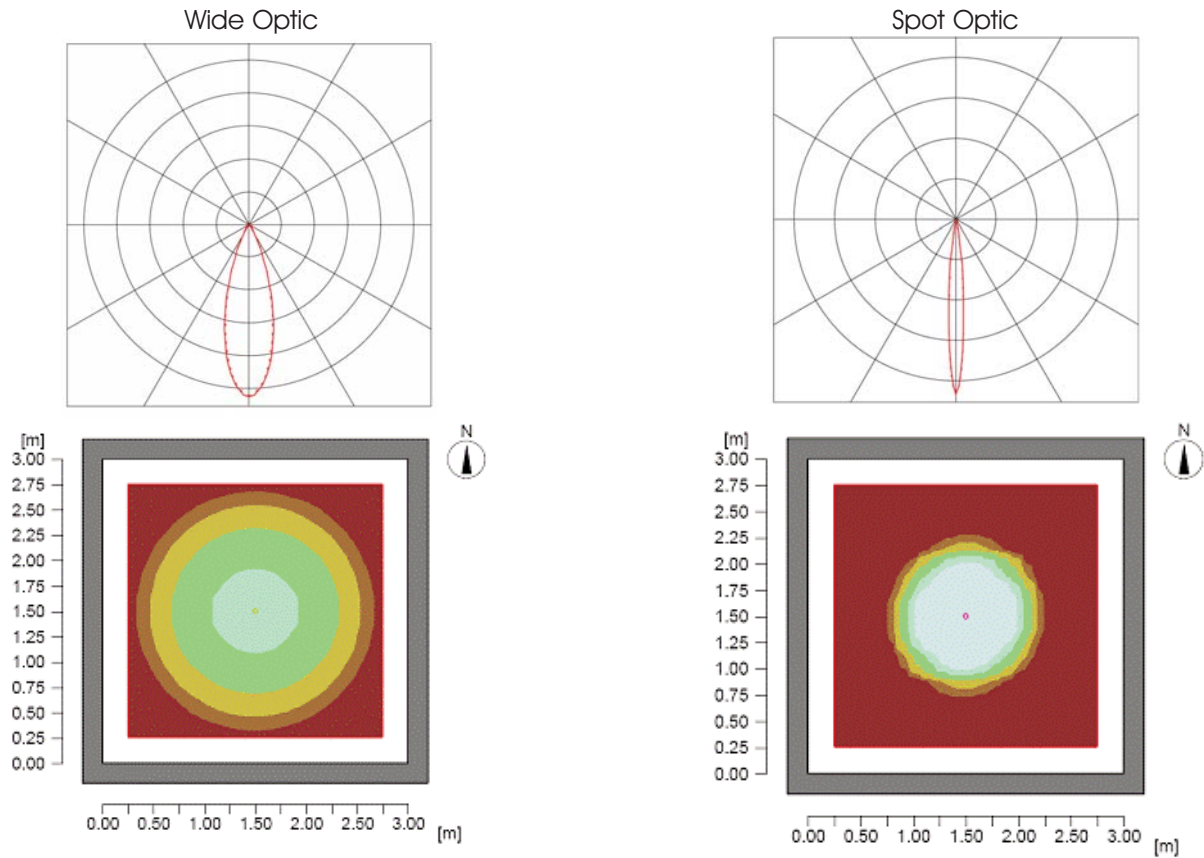
### Ordering Codes: Compatible Drivers

Part Number	Description
CDU-L-3-35-DMX	Minimum of 5 and maximum of 12 HL16-RGB modules

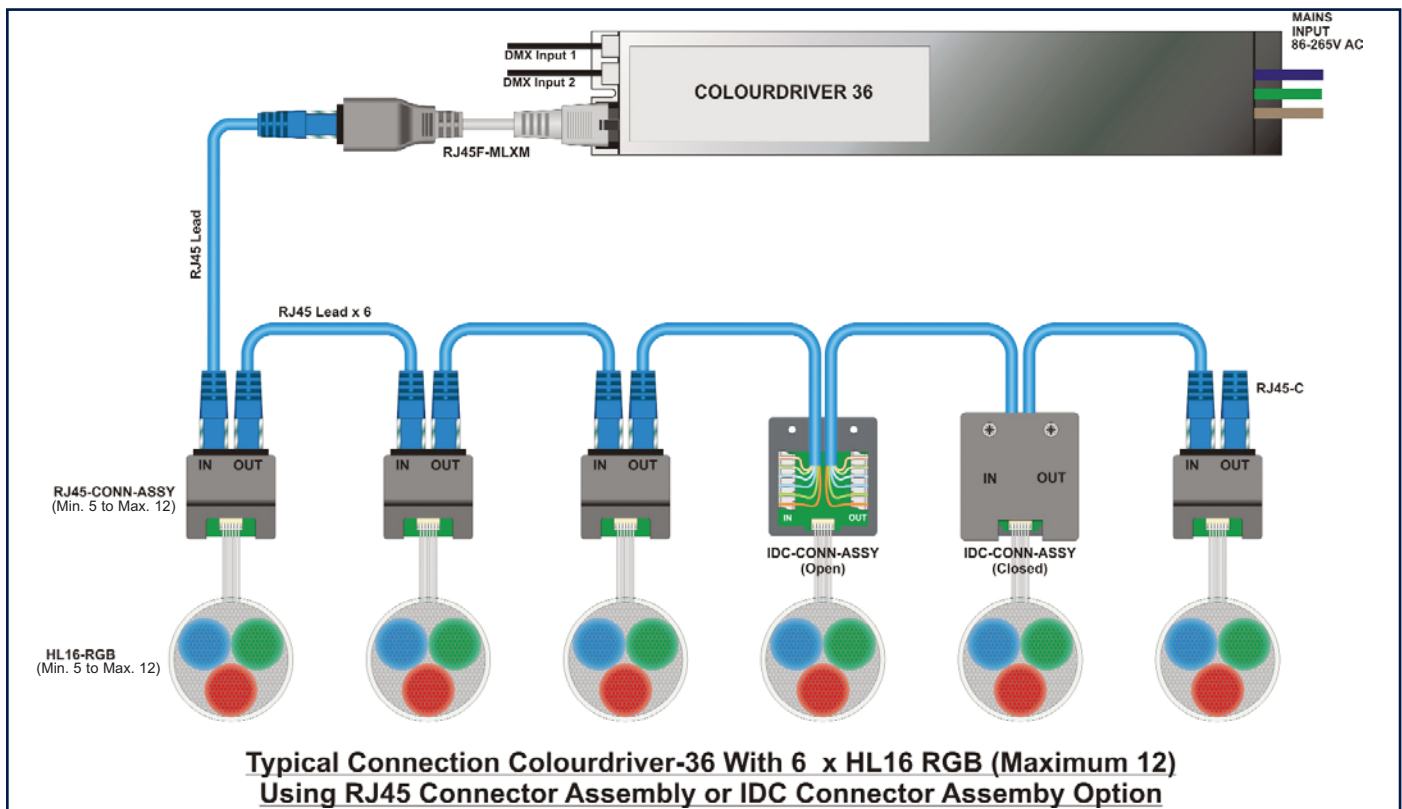
### Ordering Codes: Cables and Accessories

Part Numbers	Description
RJ45F-MLXM	Molex to female RJ45 connector (connects to output on CDU-L-3-35-DMX driver)
RJ45-CON-ASSY	RJ45 interface connector (x1 required per HL16-RGB module)
RJ45-C	End Termination
RJ45-2	2 metre RJ45 male to male cable
RJ45-5	5 metre RJ45 male to male cable
RJ45-10	10 metre RJ45 male to male cable

## Operating Characteristics



## Typical Wiring Examples



Dialight reserves the right to make changes at any time in order to supply the best product possible.  
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[www.dialight.com/Assets/Brochures\\_And\\_Catalogs/Illumination/MDEXLUMHL16RGB.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXLUMHL16RGB.pdf)

MDEXLUMHL16RGB\_C

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