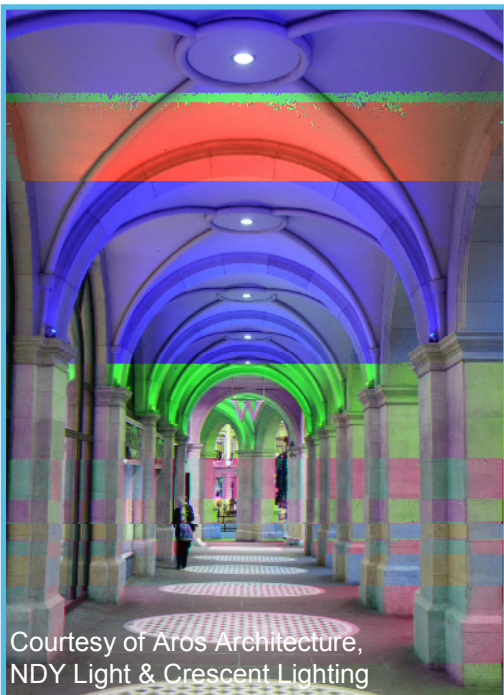
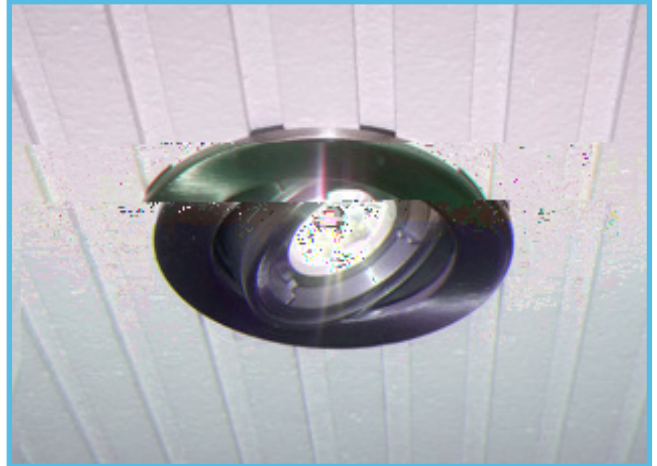


HL11



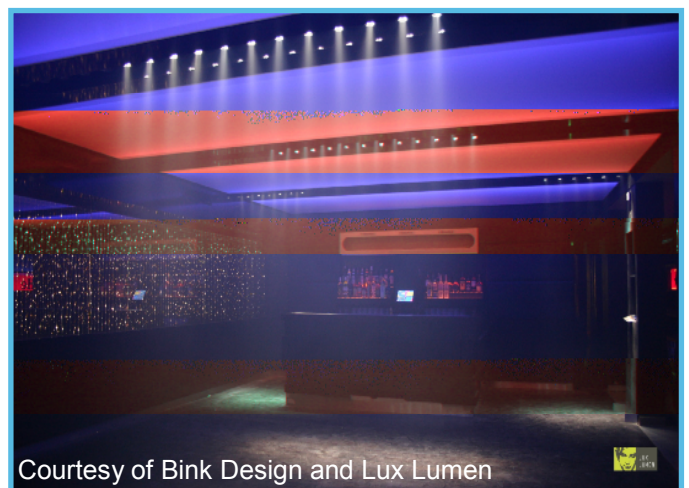
Courtesy of Aros Architecture,
NDY Light & Crescent Lighting

Features

- Long life typically 50,000 hours
- Retrofit to MR16 based products
- Optimised thermal management
- Selectable beam angles
- Full range of light output colours
- Low heat
- No UV

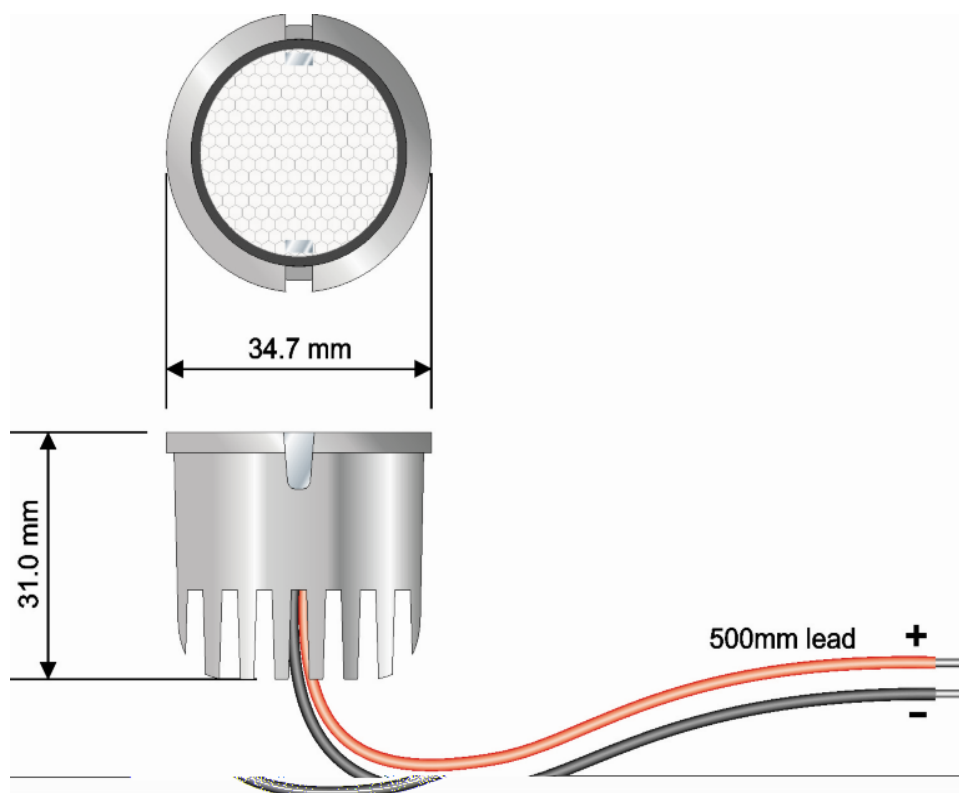
Applications

- Exterior architecture
- Landscape
- Orientation
- Accent
- Display cases



Courtesy of Bink Design and Lux Lumen

Mechanical



Electrical

Power Consumption

1.2 watts warm white
2.4 watts other colours

Maximum Current

350 mA constant current (warm white)
700 mA constant current (other colours)

Environmental

Maximum Operating Temperature

T_c +70° C

Operating Ambient Temperature

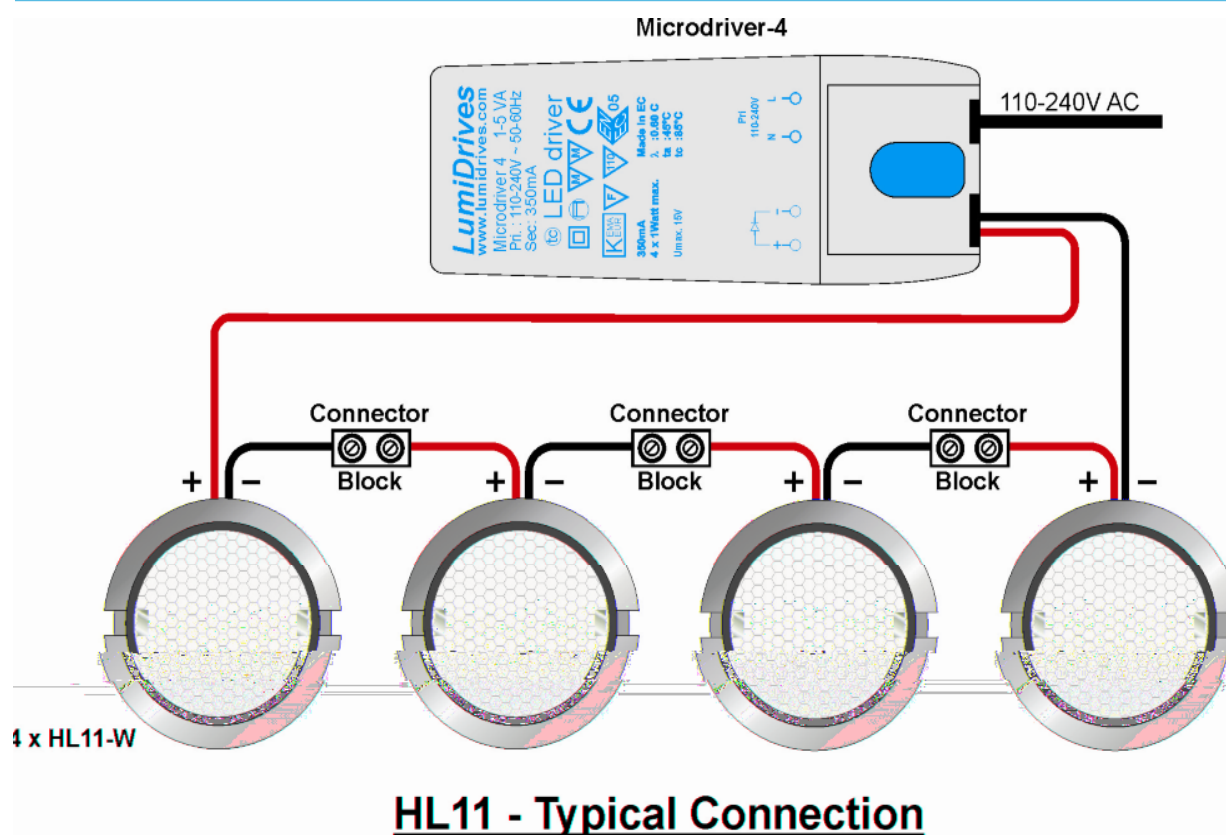
T_{st} - 10°C to +40°C

Typically 50,000 hours to 70% output

Compatible Drivers

Model	Maximum number of HL11s connected	Supply Voltage	Dimming	Dimensions
MDE3-C-35/70	3	195-265 VAC	X	Diameter: 53mm Height: 19 mm
MDU4-SC-35	4	85 – 265 VAC	X	100 x 40 x 25 mm
MDU9-SC-35	9	85 – 265 VAC	X	100 x 40 x 25 mm
MLD8-C-35/70	8	230 VAC	X	110 x 52 x 24 mm
MDE16-C-VRL	16	230 VAC	Via 0 – 10 volt dimmer	110 x 49 x 25 mm

Wiring Diagram



Optical Characteristics and Order Code Information

HL11 - XX



Example of product code:

HL11-WW HL11 warm white

Colour

Typical Light Output in Lumens/mW*

			350 mA	700mA
W	White		36	60
WW	Warm White		24	-
B	Blue		176 mW	264 mW
G	Green		36	60
R	Red		36	60
A	Amber		36	60

Each HL11 module is supplied with the following Sub-lenses:

OPAA-1-DFL Spot Diffuser Sub-lens
 OPAA-1-WSL Wide Sub-lens
 OPAA-1-OSL Oval Sub-Lens

*Full photometric data available on request