

LUXEON LINE



DRAWING ACTUAL SIZE

DESCRIPTION

Linear array of 12 Luxeon light sources. Secondary optics for tight collimation included. Available in white, green, cyan, blue, red, and amber. ○ ● ● ● ● ● ● ● ● ● ● ● ●

TYPICAL APPLICATIONS

- Cove lighting
- Indoor and outdoor commercial and residential architectural lighting
- Security lighting
- Under shelf lighting

COLOR	DOMINANT WAVELENGTH OR COLOR TEMP.	PART NUMBER	TYPICAL FLUX (lm)
WHITE	5500 K	LXHL-NW99	185
GREEN	530 nm	LXHL-NM99	255
CYAN	505 nm	LXHL-NE99	300
BLUE	470 nm	LXHL-NB99	50
RED	627 nm	LXHL-ND95	450
AMBER	590 nm	LXHL-NL95	370

*PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE CONSULT LUXEON DATASHEETS FOR DETAILED INFORMATION.

LUXEON EMITTERS



DRAWING ACTUAL SIZE

DESCRIPTION

The power of Luxeon in its most basic form. Design and build your own Luxeon Light Source to your specifications. Luxeon Emitters available in white, green, cyan, blue, royal blue, red, red-orange, and amber. ○ ● ● ● ● ● ● ● ● ● ● ● ●

TYPICAL APPLICATIONS

- Reading lights/Flashlights/Mini Accent
- Cove/Under Shelf/Task Lighting
- Orientation/emergency lights/Traffic Signaling
- Bollards/Security/Garden Lighting

COLOR	DOMINANT WAVELENGTH OR COLOR TEMP.	RADIATION PATTERN	PART NUMBER	TYPICAL FLUX (lm)
WHITE	5500 K	batwing	LXHL-BW01	18
GREEN	530nm	batwing	LXHL-BM01	25
CYAN	505 nm	batwing	LXHL-BE01	30
BLUE	470 nm	batwing	LXHL-BB01	5
ROYAL BLUE	455 nm	batwing	LXHL-BR01	4
RED	627 nm	batwing	LXHL-BD01	25
AMBER	590 nm	batwing	LXHL-BL01	20
RED	627 nm	lambertian	LXHL-PD01	44
RED ORANGE	617 nm	lambertian	LXHL-PH01	55
AMBER	590 nm	lambertian	LXHL-PL01	36

LUMILEDS™
LIGHT FROM SILICON VALLEY

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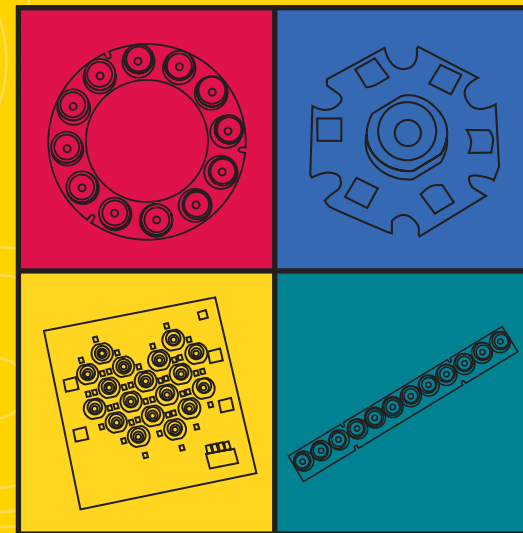
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LUXEON™
A NEW WORLD OF LIGHT

PRODUCT GUIDE



LUXEON STAR



DESCRIPTION

Rectangular and hexagonal shaped Luxeon modules. For tight beam, also available with efficient PMMA secondary optics. Available in white, green, cyan, blue, royal blue, red, red-orange and amber. ○ ● ● ● ● ● ● ●

DRAWING ACTUAL SIZE

TYPICAL APPLICATIONS

- Passenger reading lights (car, aircraft)
- Flashlights, bicycle lights
- Orientation/emergency lights
- Appliance lights
- Decorative Lights
- Mini accent, fibre optics alternative

COLOR	DOMINANT WAVELENGTH OR COLOR TEMP.	RADIATION PATTERN	LUXEON STAR	LUXEON STAR/C	LUXEON STAR/O	TYPICAL FLUX (lm)
WHITE	5500 K	batwing	LXHL-MW1C	LXHL-MW1A	LXHL-NW98	18
GREEN	530 nm	batwing	LXHL-MM1C	LXHL-MM1A	LXHL-NM98	25
CYAN	505 nm	batwing	LXHL-ME1C	LXHL-ME1A	LXHL-NE98	30
BLUE	470 nm	batwing	LXHL-MB1C	LXHL-MB1A	LXHL-NB98	5
ROYAL BLUE	455 nm	batwing	LXHL-MR1C	LXHL-MR1A	LXHL-NR98	4
RED	627 nm	batwing	LXHL-MD1C	LXHL-MD1A	LXHL-ND98	25
AMBER	590 nm	batwing	LXHL-ML1C	LXHL-ML1A	LXHL-NL98	20
RED	627 nm	lambertian	LXHL-MD1B	LXHL-MD1B	LXHL-ND94	44
RED-ORANGE	617 nm	lambertian	LXHL-MH1D	LXHL-MH1B	LXHL-NH94	55
AMBER	590 nm	lambertian	LXHL-ML1D	LXHL-ML1B	LXHL-NL94	36

* TYPICAL VALUES FOR STAR/O 15% LOWER

LUXEON RING



DRAWING ACTUAL SIZE

DESCRIPTION

Circular arrays of 6 or 12 Luxeon light sources, that can either be used separately or in combination. Secondary optics for light collimation included. Available in white, green, cyan, blue, red and amber. ○ ● ● ● ● ●

TYPICAL APPLICATIONS

- Uplighters/Downlighters/Orientation Lighting
- Architectural detail lighting
- Bollards
- Entertainment lighting

COLOR	DOMINANT WAVELENGTH OR COLOR TEMP.	LED COUNT	PART NUMBER	TYPICAL FLUX (lm)
WHITE	5500 K	12	LXHL-NW96	185
GREEN	530 nm	12	LXHL-NM96	255
CYAN	505 nm	12	LXHL-NE96	300
BLUE	470 nm	12	LXHL-NB96	50
RED	627 nm	12	LXHL-ND92	450
AMBER	590 nm	12	LXHL-NL92	370
WHITE	5500 K	6	LXHL-NW97	90
GREEN	530 nm	6	LXHL-NM97	130
CYAN	505 nm	6	LXHL-NE97	150
BLUE	470 nm	6	LXHL-NB97	25
RED	627 nm	6	LXHL-ND93	225
AMBER	590 nm	6	LXHL-NL93	185

LUXEON FLOOD



DRAWING ACTUAL SIZE

DESCRIPTION

Rectangular array of 12 or 18 Luxeon light sources. Available in white, green, cyan, blue, red and amber. ○ ● ● ● ● ●

TYPICAL APPLICATIONS

- Decorative flood
- Traffic lights
- Railway crossings and wayside
- Beacons

COLOR	DOMINANT WAVELENGTH OR COLOR TEMP.	RADIATION PATTERN	LED COUNT	PART NUMBER	TYPICAL FLUX (lm)
WHITE	5500 K	batwing	12	LXHL-MWCA	215
GREEN	530 nm	batwing	12	LXHL-MMCA	300
CYAN	505 nm	batwing	12	LXHL-MECA	360
BLUE	470 nm	batwing	12	LXHL-MBCA	60
RED	627 nm	batwing	12	LXHL-MDCA	300
AMBER	590 nm	batwing	12	LXHL-MLCA	240
RED	627 nm	lambertian	12	LXHL-MDCB	525
AMBER	590 nm	lambertian	12	LXHL-MLCB	430
WHITE	5500 K	batwing	18	LXHL-MWJA	325
GREEN	530 nm	batwing	18	LXHL-MMJA	450
CYAN	505 nm	batwing	18	LXHL-MEJA	540
BLUE	470 nm	batwing	18	LXHL-MBJA	90
RED	627 nm	batwing	18	LXHL-MDJA	450
AMBER	590 nm	batwing	18	LXHL-MLJA	360
RED	627 nm	lambertian	18	LXHL-MDJB	790
AMBER	590 nm	lambertian	18	LXHL-MLJB	650