



POLARIS LED SPOTLIGHTS

Are the perfect solution for businesses looking to replace their halogen spotlights with efficient, green and safe LED technology.

Our Polaris range:

- Uses ~90% less electricity than traditional light sources
- Lasts on average 17 times longer than other light sources
- Generates very little heat which reduces loads on air-conditioning, lessens fire risk and improves safety
- Contains no harmful or toxic substances and are fully recyclable
- Does not emit UV radiation

Images top to bottom:
XP Polaris Spotlight, XL Polaris Spotlight, ST Polaris Spotlight.



APPLICATIONS

Our Polaris range of spotlights contains a variety of products perfect for any application. They are ideal for accent lighting in the hospitality industry, showrooms, pubs and clubs, restaurants and shopping malls. Museums and sensitive environments further benefit as our Polaris range does not emit UV radiation and does not radiate heat in its beam.

QUALITY

All luminaires from LED Light Works are stringently tested to meet several different safety and environmental certifications, which include CE (Conformitive Europeenne) and RoHS (Reduction of Hazardous Substances). All our products also carry the C-TICK, which denotes compliance to the Australian Communications and Media Authority standards on electromagnetic compatibility.

Our XP range and ST 6W GU10 are also cUL accredited for North America.

POLARIS XP	Chip	Connection	Dimmable	CCT (°Kelvin)*	Output (luminous flux)	CRI*	Voltage	Lifespan	Beam Angle	Dimensions (mm)
XP 6.5W	Cree X-Lamp	MR16 (GU5.3)	Yes ¹	warm - 2700K	280 lumen	80	12V AC/DC	35000 hrs	30°	50 x 48.5 diam.
XP 4W					190 lumen				50°	50 x 49 diam.
XP 4W Acriche	SCC	GU10	Yes	warm - 2850K	130 lumen	75	110V AC-240V AC	25000 hrs	50°	58 x 49 diam.
POLARIS XL	Chip	Connection	Dimmable	CCT (°Kelvin)*	Output (luminous flux)	CRI*	Voltage	Lifespan	Beam Angle	Dimensions (mm)
XL 3W	Cree X-Lamp	MR11 (G4)	No	cool - 6000K	240 lumen	75	12V-16V AC/DC	30000 hrs	15°/30°/45°	44 x 35.5 diam.
POLARIS ST	Chip	Connection	Dimmable	CCT (°Kelvin)**	Output (luminous flux)	CRI*	Voltage	Lifespan	Beam Angle	Dimensions (mm)
ST 3W	Epistar	MR16 (GU5.3)	No	warm - 3250K	164 lumen	80	12V AC/DC	20000 hrs	15°/30°/45°/60°	53 x 50 diam.
				cool - 4250K	172 lumen	75				
ST 6W GU10	Cree	GU10	No	warm - 3250K	260 lumen	80	85V AC-260V AC			60 x 50 diam.
				cool - 4250K	370 lumen	75				

¹ Polaris XL MR11 and Polaris ST MR16 do not require CSA certification to be sold in Canada.
* Typical values
** Typical value, Polaris ST 3W can also be ordered to emit daylight (6500K), green, yellow, blue, and red light.

Photometric reports are available for all products on request.

NET EFFECT

Using LED technology can make a big difference to your bottom line and our environment.

If we consider a business or residence which has 100 50W halogen lights which operate 12 hours a day 5 days a week. This consumer would **SAVE** the following by switching to 100 Polaris XP 6.5W lights:

Electricity per annum: 13,522 kWh (87%)

Carbon Emissions per annum: 12.76 tonnes
(AB Emission factor 0.94 kgCO₂/kWh)



To see how LED Light Works can give you the green light to save money and help the environment call us on 1 877 955 LEDS (5337).