

Polaris

GLOBES

Australia's LED Light Source
XP, XL, ST



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:

Polaris XP MR16 Spotlight, Polaris XP GU10 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 benefit further as the Polaris range generates no UV radiation or heat through its beam.

QUALITY

All luminaires from LED Light Works are stringently tested to meet several different safety and environmental certifications, which include CE (Conformitive Europenne) 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.

Further to these accreditations our XP range is certified compliant by KEMA safety standards, and our XL range is certified under Part 18 of the FCC.

POLARIS XP										
Chip	Connection	Dimmable	CCT (°Kelvin)*	Output (flux)	CRI*	Voltage	Lifespan*	Beam Angle	Dimensions (mm)	
XP 6.5W	Cree	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					
XP 3W					120 lumen					
XP 4W Acriche	SCC	GU10	Yes	warm - 2850K	130 lumen	75	110V AC-240V AC	25000 hrs	30°	58 x 49 diam.
POLARIS XL										
Chip	Connection	Dimmable	CCT (°Kelvin)*	Output (flux)	CRI*	Voltage	Lifespan*	Beam Angle	Dimensions (mm)	
XL 3W	Cree	MR16 (GU5.3)	No	warm - 3000K	155 lumen	80	12V AC/DC	20000 hrs	60°/80°	48 x 50 diam.
				cool - 6000K	200 lumen	75				
XL 3W	Cree	MR11 (G4)	No	cool - 6000K	240 lumen	74	12V-16V AC/DC	20000 hrs	45°	44 x 35.5 diam.
POLARIS ST										
Chip	Connection	Dimmable	CCT (°Kelvin)**	Output (flux)	CRI*	Voltage	Lifespan*	Beam Angle	Dimensions (mm)	
ST 3W	Epistar	MR16 (GU5.3)	No	warm - 3250K	164 lumen	80	12V AC/DC	15000 hrs	15°/30°	53 x 50 diam.
				cool - 6500K	180 lumen	75				
ST 3W GU10	Epistar	GU10	optional	warm - 3250K	254 lumen	80	85V AC-260V AC	15000 hrs	45°/60°	60 x 50 diam.
				cool - 6500K	270 lumen	75				

* Typical values

** Typical value, Polaris ST can also be ordered to emit green, yellow, blue, and red light.

¹ On recommended transformers.

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, and runs them 12 hours a day 5 days a week. This consumer would **SAVE** the following by switching to 100 Polaris XL lights:

Electricity per annum: \$3079.44 (at \$0.15 per kWh)

Carbon Emissions per annum: 12.93 tonnes
(QLD Emission factor 0.63 kgCO₂/kWh)



To see how LED Light Works can give you the green light to save money and help the environment call us on 1300 200 321.