



LED XP RETROFIT RANGE

Australia's LED Light Source



LED INNOVATIONS

LED Light Works has developed sophisticated electronics that make its LED lamps emit light that becomes warmer along with the dimming process. LED Light Works developed- and patented a dimming feature: Colour Temperature Adjusted (CTA) dimming which regulates the lamp not only to adjust the light output strength while being dimmed, but also gradually transform from a bright soft tone color temperature at the minimum dimming level, to a warm flame color at the maximum dimming level. This technology is unique as it exactly simulates the colour-tones of incandescent light bulbs when these are being dimmed.



Procyon
GLOBES

PRODUCTS

DESCRIPTION

TYPICAL OUTPUT



LED Bulb 7W Cree CTA

250 Lumen / 7W



LED Bulb 7W Cree

280 Lumen / 7W



Ultra LED Bulb 8W Cree

370 Lumen / 8W



Superior Bulb 10W Cree

400-500 Lumen/10W



Candlelight 4W Acriche

100 Lumen / 4W



Par16 LED Spotlight 7W Cree

290 Lumen / 7W



Par16 LED Spotlight 8W Cree

350 Lumen / 8W



NR63 LED Downlighter 8W Cree

350 Lumen / 8W



MR16 LED Spotlight 3W Cree

120 Lumen / 3W



MR16 LED Spotlight 4W Cree

190 Lumen / 4W



MR16 LED Spotlight 4W Acriche

130 Lumen / 4W

MR16 LED Spotlight 5.5W Cree

240 Lumen / 5.5W

MR16 LED Spotlight 6.5W Cree

280 Lumen / 6.5W

Polaris
SPOTLIGHTS



Dimmable from Soft-tone to Flame Professional Dimmable LED Bulb 7W Cree CTA



LED retrofit dimmable bulbs are suitable for all sorts of applications such as hospital, museums, universities, bars & restaurants, hotel corridors etc.



CTA Dimming Function
CTA Dimming (Colour Temperature Adjusted Dimming)
The colour becomes warmer when the lamps are dimmed

* Built-in TCS
TCS (Temperature Control System)
This built-in control system protects the electronics inside the lamp against overheating and guarantees its life time

High power LED	Cree 7W
Light output	250 lumen typical**
Energy efficiency	40 Lm / W
CRI	75
CCT	2500K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.86
Fitting	E26/ E27/ GU10

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	190 °
Measurement	116mm x 56mm diam.
Colour box	120mm x 62mm x 62mm
Inner/ Outer carton	12 / 48 pcs
FCL 20' container	App. 45.000 pcs

CCT -	2700K	(Min. Dimming)
	2500K	(Med. Dimming)
	2300K	(Max. Dimming)

**Typical - the most common recorded output found in a random sample set of lamps

Photometric data available on request



Professional Dimmable LED Bulb 7W Cree CTA



LED retrofit dimmable bulbs are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

- * Built-in TCS
TCS (Temperature Control System)
This built-in control system protects the electronics inside the lamp against over-heating and guarantees its life time

High power LED	Cree 7W
Light output	280 lumen typical**
Energy efficiency	45 Lm / W
CRI	80
CCT	2500K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.86
Fitting	E26/ E27 / GU10

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	190 °
Measurement	119mm x 62mm diam.
Colour box	120mm x 62mm x 62mm
Inner/ Outer carton	12 / 48 pcs

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Professional Ultra LED bulb 8W Cree



LED retrofit dimmable bulbs are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

- * Built-in TCS
TCS (Temperature Control System)
This built-in control system protects the electronics inside the lamp against over-heating and guarantees its life time

High power LED	Cree 8W
Light output	370 lumen typical**
Energy efficiency	≥45 Lm / W
CRI	>80
CCT	3000K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.86
Fitting	E26/ E27

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	190 °
Measurement	119mm x 62mm diam.
Inner/ Outer carton	12 / 48 pcs

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Superior Bulb 10W Cree



LED retrofit dimmable bulbs are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

- * Built-in TCS
TCS (Temperature Control System)
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High power LED	Cree 10W
Light output	400 - 500 lumen typical**
Energy efficiency	≥45 Lm / W
CRI	>80
CCT	2700K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.78
Fitting	E26/ E27

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	190 °
Measurement	117.4mm x 62mm diam.

**Typical - the most common recorded output found in a random sample set of lamps

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Professional LED Candlelight 4W Acriche



LED retrofit dimmable bulbs are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

*LED Temperature Management guarantees the lifetime

High power LED	SSC Acriche AC 4W
Light output	100 lumen typical**
Energy efficiency	≥30 Lm / W
CRI	80
CCT	28500K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.91
Fitting	E12/ E14

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	25.000hrs**
Beam angle	150 °
Measurement	110mm x 41mm diam.

**Typical - the most common recorded output found in a random sample set of lamps

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Professional Dimmable LED Par16 Spotlight 7W Cree



LED retrofit dimmable bulbs are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

- * Built-in TCS
TCS (Temperature Control System)
This built-in control system protects the electronics inside the lamp against over-heating and guarantees its life time

High power LED	Cree 7W
Light output	290 lumen typical**
Energy efficiency	45 Lm / W
CRI	> 80
CCT	2700K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.86
Fitting	GU10

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	35 °
Measurement	82mm x 50mm diam.
Colour box	61mm x 52mm x 89mm

**Typical - the most common recorded output found in a random sample set of lamps

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Professional Dimmable LED Par16 Spotlight 8W Cree



LED retrofit dimmable bulbs are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

- * Built-in TCS
TCS (Temperature Control System)
This built-in control system protects the electronics inside the lamp against over-heating and guarantees its life time

High power LED	Cree 8W
Light output	350 lumen typical**
Energy efficiency	45 Lm / W
CRI	> 80
CCT	2700K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.85
Fitting	GU10

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	35 °
Measurement	94mm x 60mm diam.
Colour box	64mm x 63mm x 98mm

**Typical - the most common recorded output found in a random sample set of lamps

Photometric data available on request



Professional Dimmable LED NR63 Downlighter 8W Cree



LED retrofit dimmable bulbs are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

- * Built-in TCS
TCS (Temperature Control System)
This built-in control system protects the electronics inside the lamp against over-heating and guarantees its life time

High power LED	Cree 8W
Light output	350 lumen typical**
Energy efficiency	45 Lm / W
CRI	80
CCT	2700K warm white typical**
Voltage	110V AC, 240V AC
Power factor	0.85
Fitting	E26 / E27

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	35 °
Measurement	94mm x 60mm diam.
Colour box	64mm x 63mm x 98mm

**Typical - the most common recorded output found in a random sample set of lamps

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Professional LED MR16 Spotlight 3W Cree



LED retrofit MR16 spotlight are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

*LED Temperature Management guarantees the lifetime

High power LED	Cree 3W
Light output	120 lumen typical**
Energy efficiency	40 Lm / W
CRI	80
CCT	2700K warm white typical**
Voltage	12V AV / DC
Fitting	GU 5.3

Dimmer compatibility	Depends on transformer ¹
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	30 °
Measurement	50mm x 49mm diam.
Colour box	51mm x 51mm x 63mm

¹ 10-60VA electronic transformer or 12V DC LED driver required. Light output and lamp life may be reduced if used with electronic transformers rather than a constant voltage LED driver. Dimmability depends on transformer/dimmer combination. Electronic transformers have a minimum load requirement.

** Typical - the most common recorded output found in a random sample set of lamps

Photometric data available on request



Professional LED MR16 Spotlight 4W Cree



LED retrofit MR16 spotlight are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

*LED Temperature Management guarantees the lifetime

High power LED	Cree 4W
Light output	190 lumen typical**
Energy efficiency	50 Lm / W
CRI	80
CCT	2700K warm white typical**
Voltage	12V AV / DC
Fitting	GU 5.3

Dimmer compatibility	Depends on transformer ¹
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	30 °
Measurement	50mm x 49mm diam.
Colour box	51mm x 51mm x 63mm

¹ 10-60VA electronic transformer or 12V DC LED driver required. Light output and lamp life may be reduced if used with electronic transformers rather than a constant voltage LED driver. Dimmability depends on transformer/dimmer combination. Electronic transformers have a minimum load requirement.

** Typical - the most common recorded output found in a random sample set of lamps

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Professional LED MR16 Spotlight 4W Acriche



LED retrofit MR16 spotlight are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

*LED Temperature Management guarantees the lifetime

High power LED	SSC Acriche AC 4W
Light output	130 lumen typical**
Energy efficiency	35 Lm / W
CRI	75
CCT	2850K warm white typical**
Voltage	110 V AC/ 220 - 240V AV
Powerfactor	0.95
Fitting	GU 10

Dimmer compatibility	On most common dimmers
Heatsink	Aluminium
Lifetime	25.000hrs**
Beam angle	30 °
Measurement	58mm x 49mm diam.
Colour box	51mm x 51mm x 63mm

¹ 10-60VA electronic transformer or 12V DC LED driver required. Light output and lamp life may be reduced if used with electronic transformers rather than a constant voltage LED driver. Dimmability depends on transformer/dimmer combination. Electronic transformers have a minimum load requirement.

** Typical - the most common recorded output found in a random sample set of lamps

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Professional LED MR16 Spotlight 5.5W Cree



LED retrofit MR16 spotlight are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

*LED Temperature Management guarantees the lifetime

High power LED	Cree 5.5W
Light output	240 lumen typical**
Energy efficiency	≥45 Lm / W
CRI	>80
CCT	3000K warm white typical**
Voltage	12V AC / DC
Fitting	GU 5.3

Dimmer compatibility	Depends on transformer ¹
Heatsink	Aluminium
Lifetime	35.000hrs**
Beam angle	30 °
Measurement	50mm x 48.5mm diam.
Colour box	51mm x 51mm x 63mm

¹ 10-60VA electronic transformer or 12V DC LED driver required. Light output and lamp life may be reduced if used with electronic transformers rather than a constant voltage LED driver. Dimmability depends on transformer/dimmer combination. Electronic transformers have a minimum load requirement.

** Typical - the most common recorded output found in a random sample set of lamps

Photometric data available on request



Professional LED MR16 Spotlight 6.5W Cree



LED retrofit MR16 spotlight are suitable for all sorts of application such as hospital, museums, universities, bars & restaurants, hotel corridors etc.

*LED Temperature Management guarantees the lifetime

High power LED	Cree 6.5W
Light output	280 lumen typical**
Energy efficiency	45 Lm / W
CRI	80
CCT	2700K warm white typical**
Voltage	12V AC / DC
Fitting	GU 5.3

Dimmer compatibility	Depends on transformer ¹
Heatsink	Aluminium
Lifetime	35,000hrs**
Beam angle	30 °
Measurement	50mm x 48.5mm diam.
Colour box	51mm x 51mm x 63mm

¹ 10-60VA electronic transformer or 12V DC LED driver required. Light output and lamp life may be reduced if used with electronic transformers rather than a constant voltage LED driver. Dimmability depends on transformer/dimmer combination. Electronic transformers have a minimum load requirement.

** Typical - the most common recorded output found in a random sample set of lamps

Photometric data available on request

