



Wednesday 8th October 2014

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An introduction to Sunset Dim technology



Everything's better in the right light™

A Brief History from Lamps to LEDs

The constant demand for energy efficiency and long life. Quantity or Quality of light ?



1980s



light bulbs

1990s



MR16
Halogen

2000s



CFL

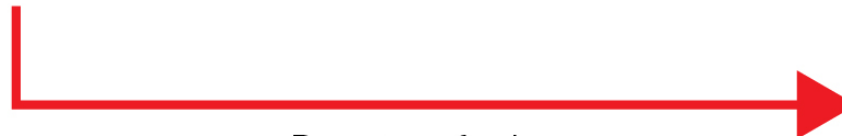


Bad LED



Ugly LED

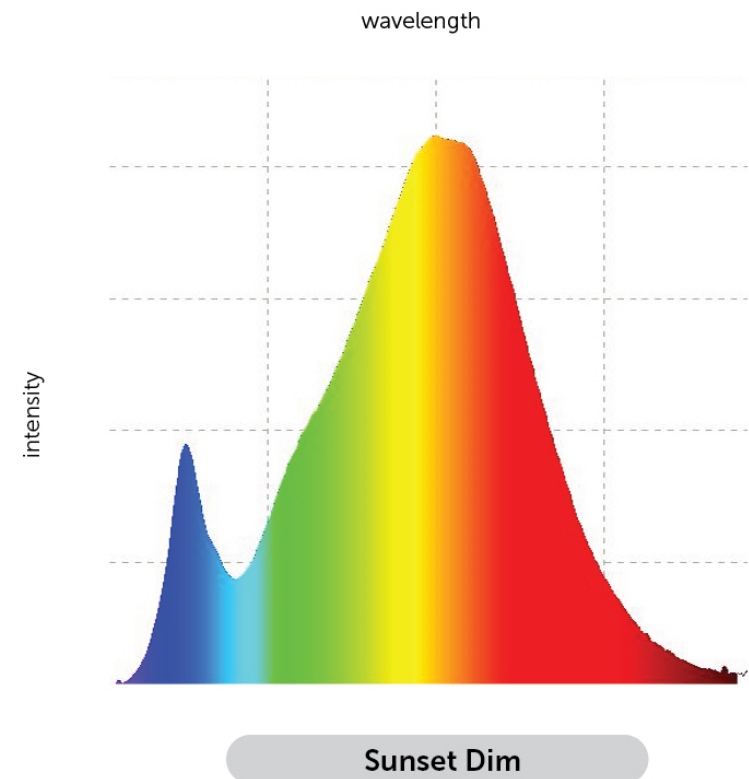
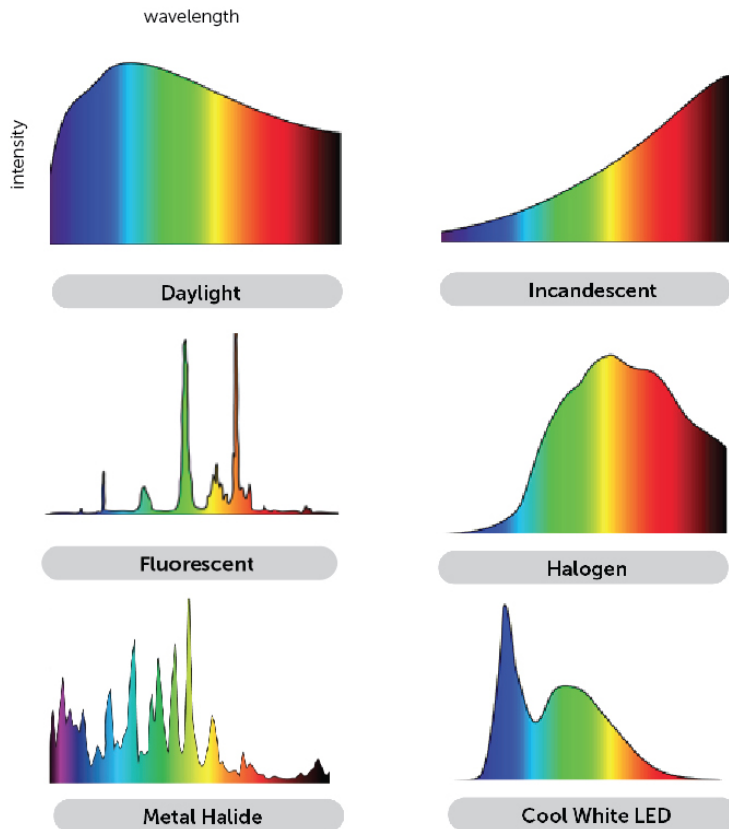
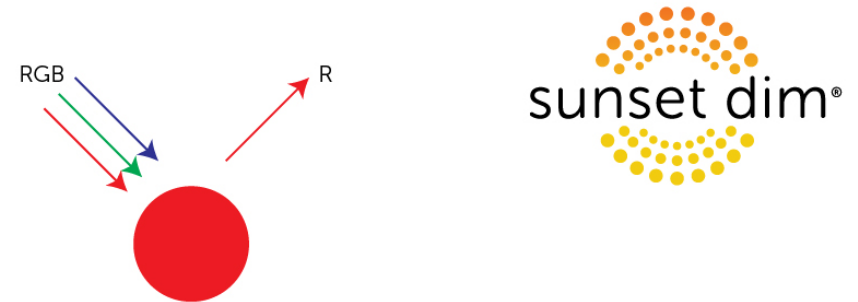
2014



Beauty of a lamp
Benefits of a LED

Colour Quality

Different light sources have very different spectrum distributions.



SUNSET DIM

Comparison with
other light sources

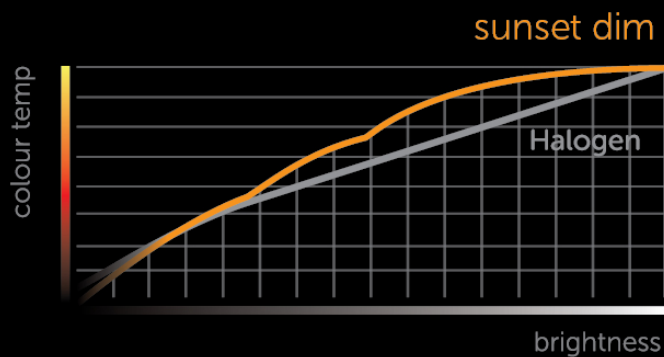


	MR16	Fluorescent	Normal LED	Sunset Dim
low energy	✗	✓	?	✓
colour quality	✓	✗	✗	✓
long life	✗	✓	?	✓
focus light	✓	✗	✗	✓
visual comfort / low glare	✓	✗	✗	✓
safety and heat control	✗	✓	✓	✓
environmentally friendly	✗	✗	✓	✓
" quick on " time	✓	✗	✓	✓
colour curve dimming	✓	✗	✗	✓

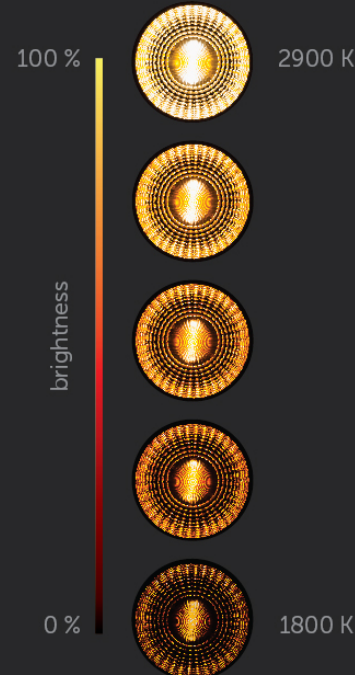
Dimming just like a halogen lamp.
Dimming from 0 to 100%
Smooth and Flicker Free



Dimming curve
comparison
Sunset Dim v Halogen



Colour temperature
gets warmer
as you dim



Smooth "Flicker Free"
dimming possible
with STS Dimpala
and most other
dimmers



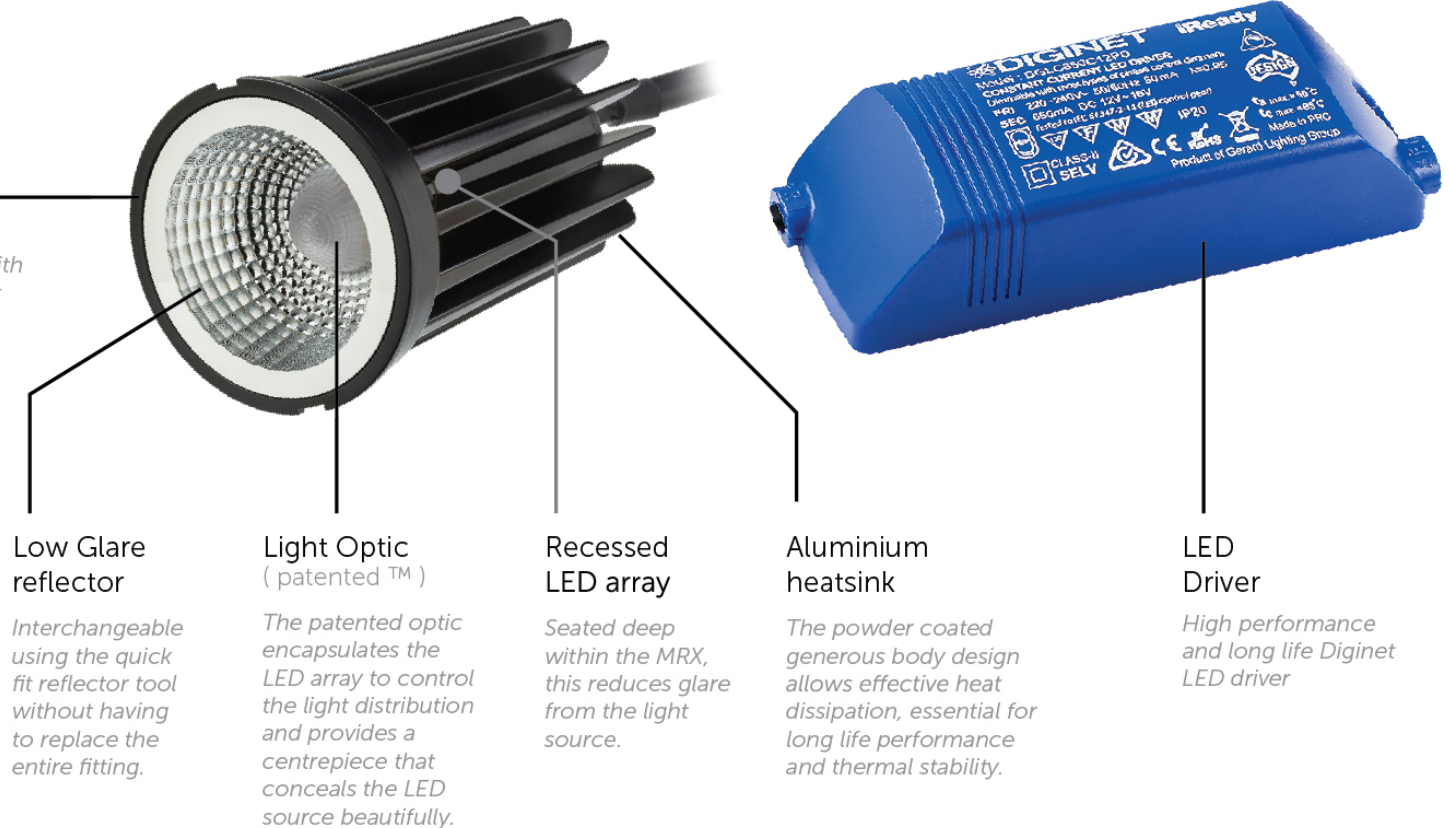
SUNSET DIM

MRX LED LIGHT ENGINE & LED Driver



Active Thermal Management

Actively looks after itself with automatic load adjustment circuitry sensors.



Coming November

ASTARA LED

The revolutionary NEW **LED** downlights from Pierlite with Sunset Dim technology.



GIMBAL REFLECTOR



FIXED DIFFUSED



GIMBLE 6 PACK

ASTARA1/6SSD white

ASTARA2/6SSD silver

Dimpala dimmer included



DIFFUSED 6 PACK

ASTARAD1/6SSD white

ASTARAD2/6SSD silver

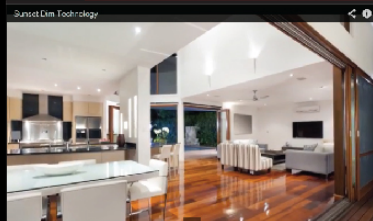
Dimpala dimmer included



PIERLITE
GERARD
TRADE SUPPLIES

Learn more about this
revolutionary technology ...

www.sunsetdim.tv





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