

Wednesday 8th October 2014 Jordan Tentori

An introduction to Sunset Dim technology



A Brief History from Lamps to LEDs

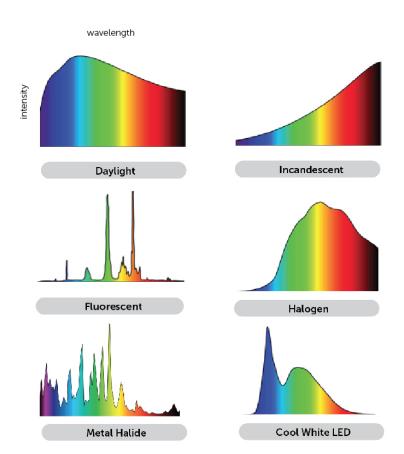
The constant demand for energy efficiency and long life. Quantity or Quality of light?

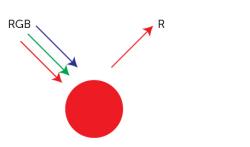




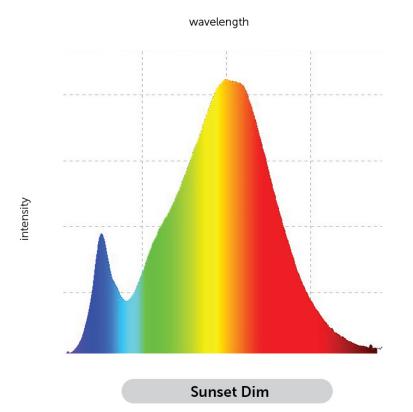
Colour Quality

Different light sources have very different spectrum distributions.









SUNSET DIM

Comparison with other light sources









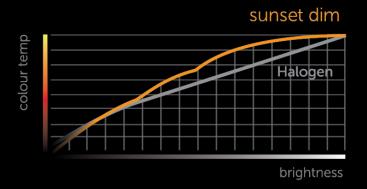


		MR16	Fluorescent	Normal LED	Sunset Dim
	low energy	×	✓	?	✓
	colour quality	✓	X	×	✓
	long life	×	✓	?	✓
	focus light	✓	×	×	✓
	visual comfort / low glare	✓	×	×	✓
	safety and heat control	×	✓	✓	✓
	environmentally friendly	X	×	✓	✓
	" quick on " time	✓	×	✓	✓
	colour curve dimming	✓	×	×	✓

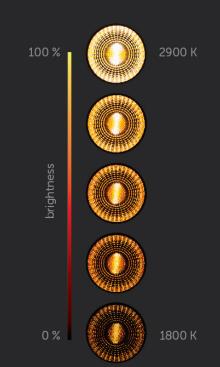
Dimming just like a halogen lamp. Dimming from 0 to 100% Smooth and Flicker Free



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



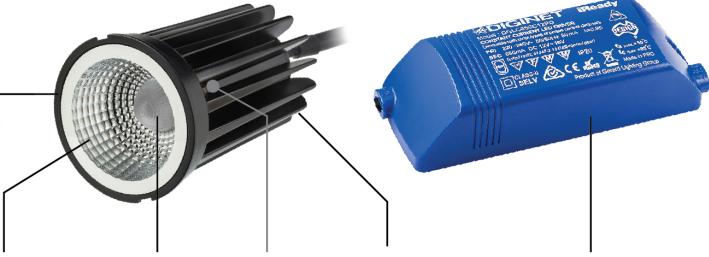
SUNSET DIM MRX LED LIGHT ENGINE & LED Driver





Active Thermal Management

Actively looks after itself with automatic load adjustment circuitry sensors.



Low Glare reflector

Interchangeable using the quick fit reflector tool without having to replace the entire fitting.

Light Optic (patented TM)

The patented optic encapsulates the LED array to control the light distribution and provides a centrepiece that conceals the LED source beautifully.

Recessed LED array

Seated deep within the MRX, this reduces glare from the light source.

Aluminium heatsink

The powder coated generous body design allows effective heat dissipation, essential for long life performance and thermal stability.

LED Driver

High performance and long life Diginet LED driver



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



Learn more about this revolutionary technology ...

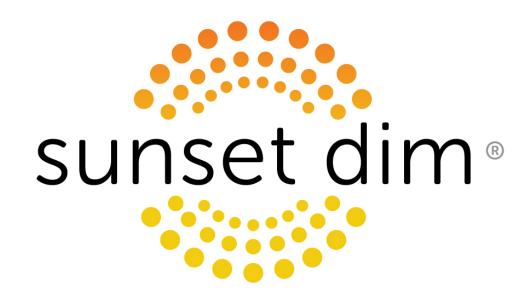
www.sunsetdim.tv











Everything's better in the right light ™