

# Soft Dim

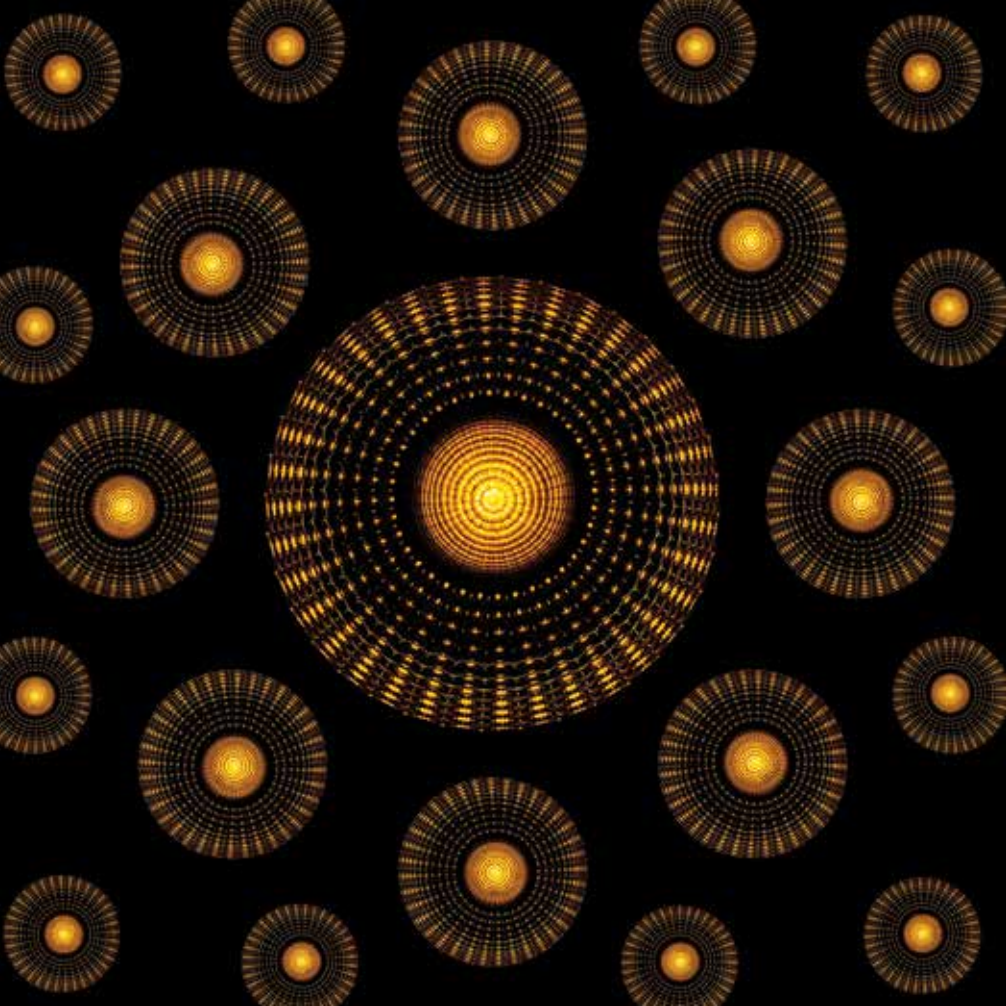
Warm glow LED dimming

*'Nature is the source for all inspiration.  
Mesmerising, comforting & enduring.  
A sunset evokes a million different  
emotions.'*

This natural phenomenon signals deep emotional bonds in every person. The setting sun signals a time to relax and transitions our bodies into a calmer state. Through nature we relate warmth with comfort, as brightness decreases the colour temperature becomes warmer.

This concept is encapsulated in our **Soft Dim** Technology.





*'In our desire to embrace LED,  
one lighting principal remains universal.  
Lighting is an experience.'*

**Soft Dim** allows you to create  
the perfect balance between  
visual comfort and ambience.

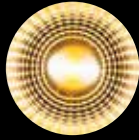
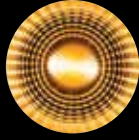
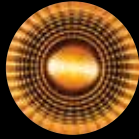
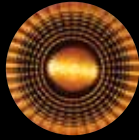
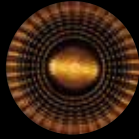
# Soft Dim Technology

*'The revolutionary LED light  
that dims just like a lamp.'*

**Soft Dim** LED technology replicates the dimming behaviour of a conventional lamp where the colour temperature increases in warmth as it's dimmed. This is achieved through the use of specially selected LEDs of different colour temperatures and power types from premium chip manufacturers. Consistency is ensured without complexity with the use of specific and precise LED selection. The LED's selected have colour tolerances that are tighter than 3 SDCM ensuring module-to-module accuracy.

1800K

2700K





The **Soft Dim** technology is incorporated in familiar Delta Light® product families such as the Reo, You-Turn, iMax, Deep Ringo, Carree, Spy, Ultra, Tweeter and Minigrid. Also available in some of Delta Light's 48V Solutions such as Superloop MDL & Magnetic Profiles: Splitline / Shiftline M.



**iMAX®**



iMAX® / ADJUSTABLE SOFT



ADJUSTABLE TRIMLESS SOFT



iMAX® WALLWASH SOFT

**DIRO**



DIRO TRIMLESS LED SOFT



DIRO GT LED SOFT



DEEP RINGO LED SOFT

**SPY**



SPY TRIMLESS



SPY ST



SPY CLIP

**REO**



REO SOFT



REO OK SOFT



REO S SOFT

**TWEETER**



TWEETER M

**YOU-TURN**



YOU-TURN REO SOFT

**ULTRA**



ULTRA S D



ULTRA C D

**CARREE**



CARREE ST L LED SOFT



CARREE ST OK LED SOFT



CARREE TRIMLESS OK LED SOFT



CARREE GT LED SOFT

**DEEP RINGO**



DEEP RINGO S LED SOFT

**MINIGRID**



MINIGRID IN FRAME + MINIGRID SNAP-IN SOFT



MINIGRID IN ZB REO SOFT



MINIGRID IN TRIMLESS FRAME + MINIGRID SNAP-IN SOFT

**WAT-T**



WAT-T

**SUPERLOOP**



SUPERLOOP - SPY SOFT

**MAGNETIC MODULES**



M20 / M26 - SPY



M52 - SPY



M52 - LED

# Revolutionary

in every sense. Practical in every other.



## **Soft Dim Technology**

Design features of the Delta Light® light engine with **Soft Dim** Technology provide the first real alternative to existing inefficient MR16 halogen lamps.

### **Active Thermal Management**

Actively looks after itself with automatic load adjustment circuitry sensors.



### **Light Optic** patented™

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

### **Recessed LED array**

Seated deep within the luminaire, 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.

# Pure Dimming

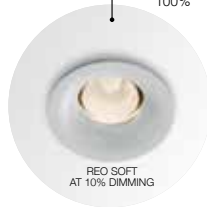
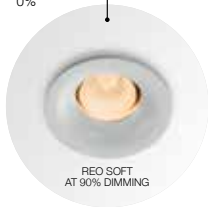
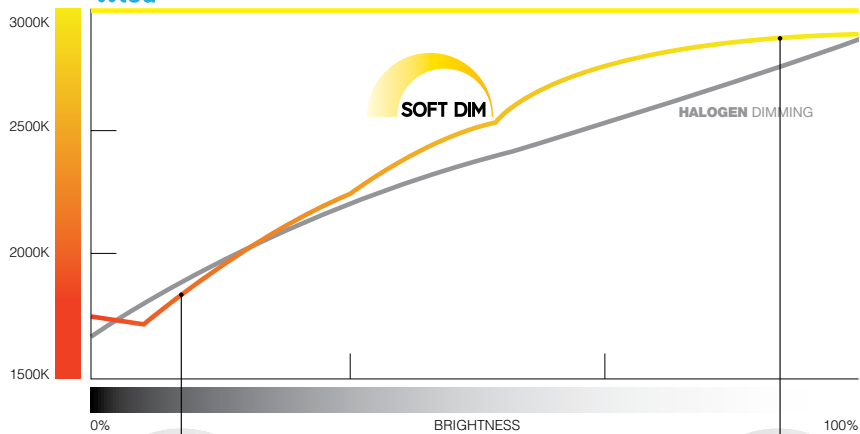
just like a lamp.



**Soft Dim** Technology not only reduces both the luminous intensity and colour temperature of the light source when dimmed, but does so following the curve of a halogen closely. The result is a gradual and smooth transformation between 2700°K and 1800°K over the dimming range of 100% – 0%.



led DIMMING



# Smooth Dimming

'Linear like' LED Dimming  
offers both perfection & peace of mind.

**Soft Dim** Technology offers both  
conventional phase dimming and  
DALI controlled solutions.



# Flicker Free

Smooth Dimming

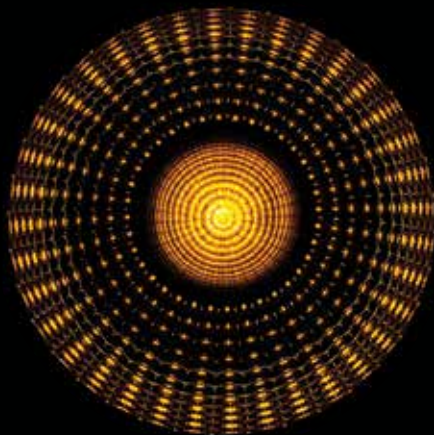
Precise control of intensity delivers a smooth and correlating variation in colour temperature, consistently, throughout the brightness range without flicker.

Performance is dependent on dimmer model. For more information refer to **[deltalight.com](http://deltalight.com)**



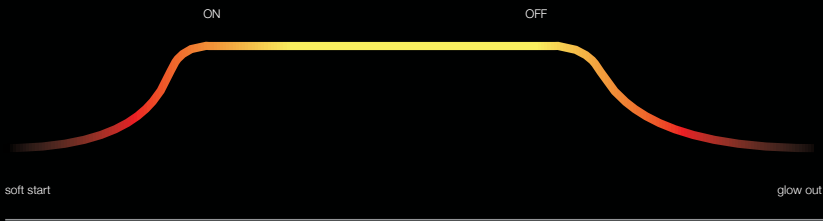
# Soft Start & Glow Out

Having control over how the LED electronics perform is not enough.



With lessons learned from the simplicity of conventional light sources, **Soft Dim** reproduces the transition between light and dark with the subtleness and attention to every detail of lighting perception.





### **Soft Start**

Designed to protect the LED electronics from harsh load on startup. A soft startup reduces the load on input and increases the life of the electronics, while providing a pleasing start.

### **Glow Out**

Turning the **Soft Dim** off will produce a gradual extinguishing of the light source. No harsh cut off or abrupt switch off. This subtle effect is achieved to produce the most natural lighting experience.

# Energy Saving

Environmentally friendly  
Long life LEDs



## Energy Efficiency Visual Comfort

In the present environment the buzz words of sustainability and efficiency are saturating our every experience. Within this conversation something often gets lost; efficiency isn't just about power consumption it's also visual. **Soft Dim** gives us the ability to address efficiency concerns without compromising visual comfort.





[deltalight.com](http://deltalight.com)