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

“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.”
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.
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™
The patented optic encapsulates the LED array to control the light distribution and provides a Centrepiece that conceals the LED source beautifully.

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

Recessed LED array
Seated deep within the luminaire, this reduces glare from the light source.
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%.
Smooth Dimming

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

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