lumenpulse™

DTW

Dim to warm

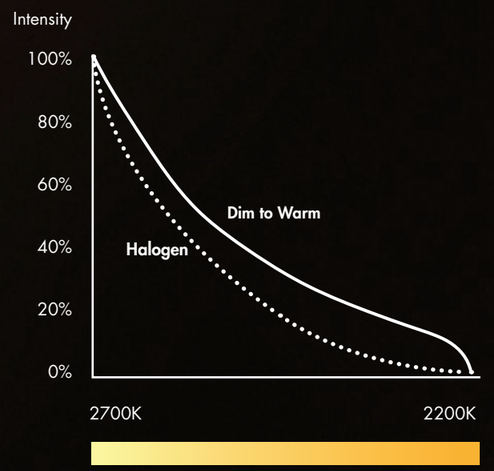
Stay Warm.

Like the soft glow of a lit candle, warm white light creates a sense of intimacy and familiarity. Lumenpulse's Dim to Warm offers instant ambience, replicating the natural warmth of incandescent-style dimming, with modern performance and flexibility.

What is Dim to Warm?

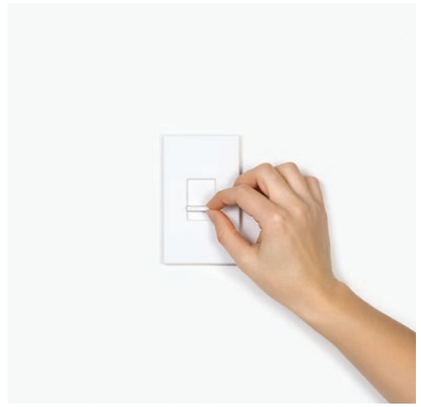
Dim to Warm is an embedded Lumenpulse technology that reduces a luminaire's color temperature when dimmed, allowing for smooth variations in warm white light (from 2700K to 2200K). The technology was designed to replicate the familiar, natural feeling of dimmed incandescent, while still providing modern performance and flexibility.

Lumenpulse Dim to Warm dimming curve compared to halogen



- Color temperature warms as it dims
- Replicates dimmed incandescent
- Feels natural

How Does Dim to Warm Work?



Dim to Warm uses a predefined dimming curve to simulate the natural dimming of an incandescent lamp – meaning not even the toughest restaurant critics will notice.

The technology requires no additional programming, allowing standard, existing 0-10V dimmers to provide sophisticated control and smooth, natural dimming. Dim to Warm technology is also compatible with standard DMX protocol, using only 1 channel.

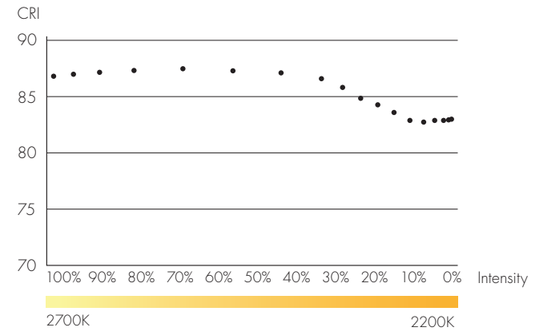
Ambience at your Fingertips

Sophisticated control and smooth, natural dimming – without additional programming.

High CRI,
No Matter the Intensity

Dim to Warm offers exceptional color rendering consistency (above CRI 83+), ensuring that colors always look the way they should, even when luminaires are dimmed below 10%.

Color rendering index in relation to light intensity



A Warm Ambience for Any Application

Bringing the House Down (and Back Up)
With 1-channel DMX control, Dim to Warm gives theaters instant, and easily dimmed, ambience.

A Friendly Face
Reception and waiting areas can provide a calming, friendly ambience at any hour by transitioning between warm color temperatures.

Textured Facades
Use different color temperatures to accentuate the character and color of textured surfaces throughout the evening and night.

Intimate Wayfinding
Vary the color temperature of decorative and wayfinding lighting applications to create welcoming, inviting passages and access routes.

100% Intensity
2700K

10% Intensity
2200K

Define the Experience

Dim to Warm can have a transformative effect on multi-use spaces, including fitness centers, school auditoriums, ballrooms, and conference centers. By allowing easy transitions between warm color temperatures, the technology lets venues adjust the look and mood of their space, at any time and for any activity.

Baby, it's Warm Outside

Dim to Warm gives all manner of outdoor applications a warm, inviting ambience, which can then be changed, as needed – from dusk to dawn.

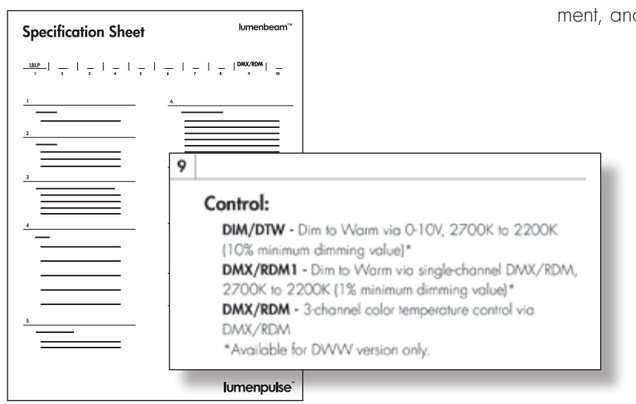
Setting (and changing) the Mood

Dim to Warm is available across nine Lumenpulse product families, allowing you to set and change the mood of different environments, while still maintaining visual consistency across a project. With this versatility, Dim to Warm can be used in both small, intimate spaces, and large areas that require high lumen output and specific optics.

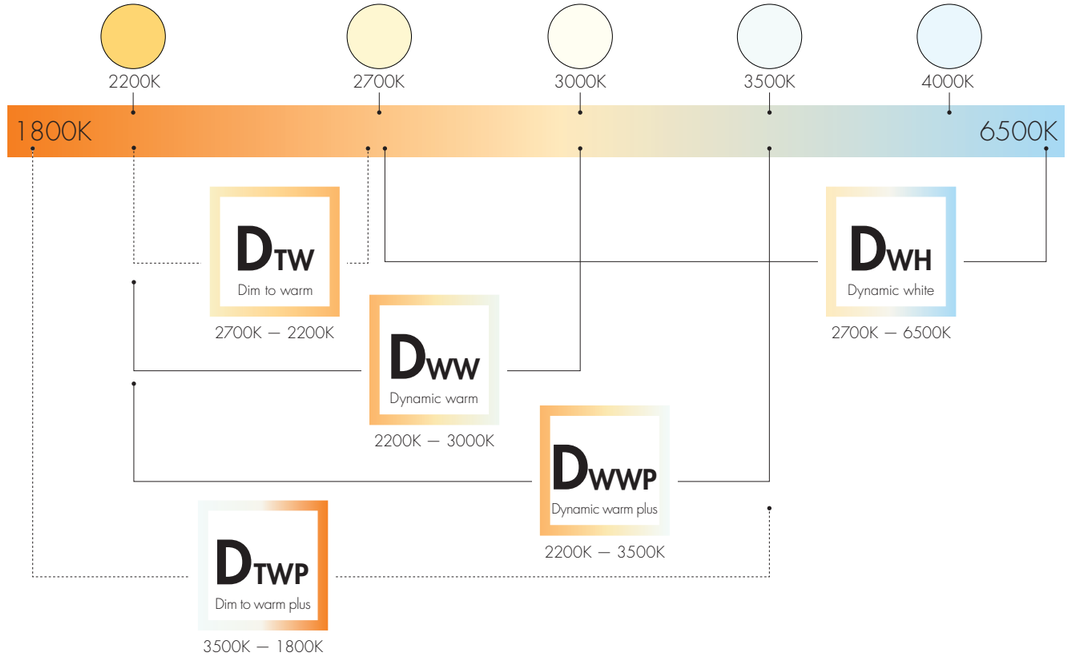
Illustration: Conor Sampson, principal at CS Design

Make it Warm

Lumenpulse's Dim to Warm technology is available across nine families of luminaires as part of the Dynamic Warm color option, ensuring you can stay warm in any environment, and with any application.



Ambience at your fingertips



Dim to Warm reduces a luminaire's color temperature when dimming, allowing for the natural dimming of warm white light.

2700K — 2200K

Dim to Warm Plus reduces a luminaire's color temperature when dimming, allowing for smooth variations in warm white light.

3500K — 1800K

Dynamic White* is a tunable white, that lets you use your lighting controls to create a scenario that coincides with the rhythmic changes of the natural environment.

2700K — 6500K

Dynamic Warm White* allows variations at the warmer end of the spectrum. Projects no longer have to settle for a static color temperature.

2200K — 3000K

Dynamic Warm White Plus* allows for variations at the warmer end of the spectrum without any loss in the luminaire's output or intensity.

2200K — 3500K

1 channel (DTW - DTWP)
Compatible with: 0-10V, DMX/RDM, Lumentalk, SDALI

2 channels (DWH, DWW, DWWP)
Compatible with: DMX/RDM, Lumentalk, DALI Type 8

*Can be field-changeable via RDM & LT to 3 channels for individual CCT control – DWH, DWW, DWWP only.

Dim to Warm is Available with:

Lumenbeam™ Family

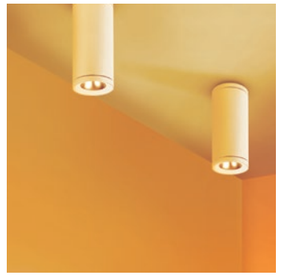
Lumenquad™ Family

Element™ Family

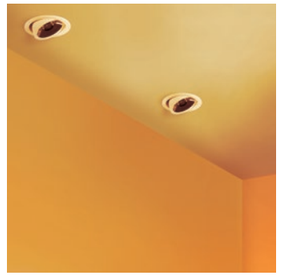
Lumenfacade™ Family

Lumenfacade™ Nano Family

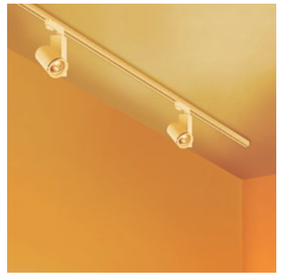
Lumencove™ Family



Cylinder™ Family

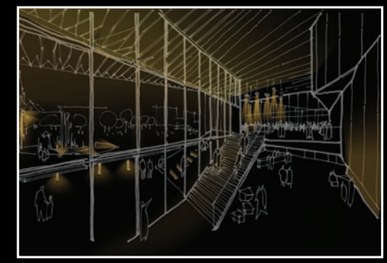


Downlight™ Family



Spotlight™ Family

NOTE: Some exceptions, consult specification sheets for details.



The architectural sketch in this catalogue has been provided by lighting designer Conor Sampson, principal at CS Design. The sketch is based on the work of the architectural firm Atelier TAG and JLP Architects.

In lieu of payment, Mr. Sampson has asked for a donation to The Canadian Women's Foundation.

Conor Sampson, OAQ, RAIC, IESNA, MALD

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