

lumenpulse™

lumencore recessed
Opticolor+™



LIFE IS BEAUTIFUL
IN ALL ITS COLORS

lumencore recessed
Opticolor+™



Premium White

- High CRI (Up to 95+)
- Selectable Color Temperatures
- High Outputs (Over 1600lm delivered, white channel only)



Dynamic Whites

- User-Defined Warm Dimming
- Tunable Between 2200K and 6500K

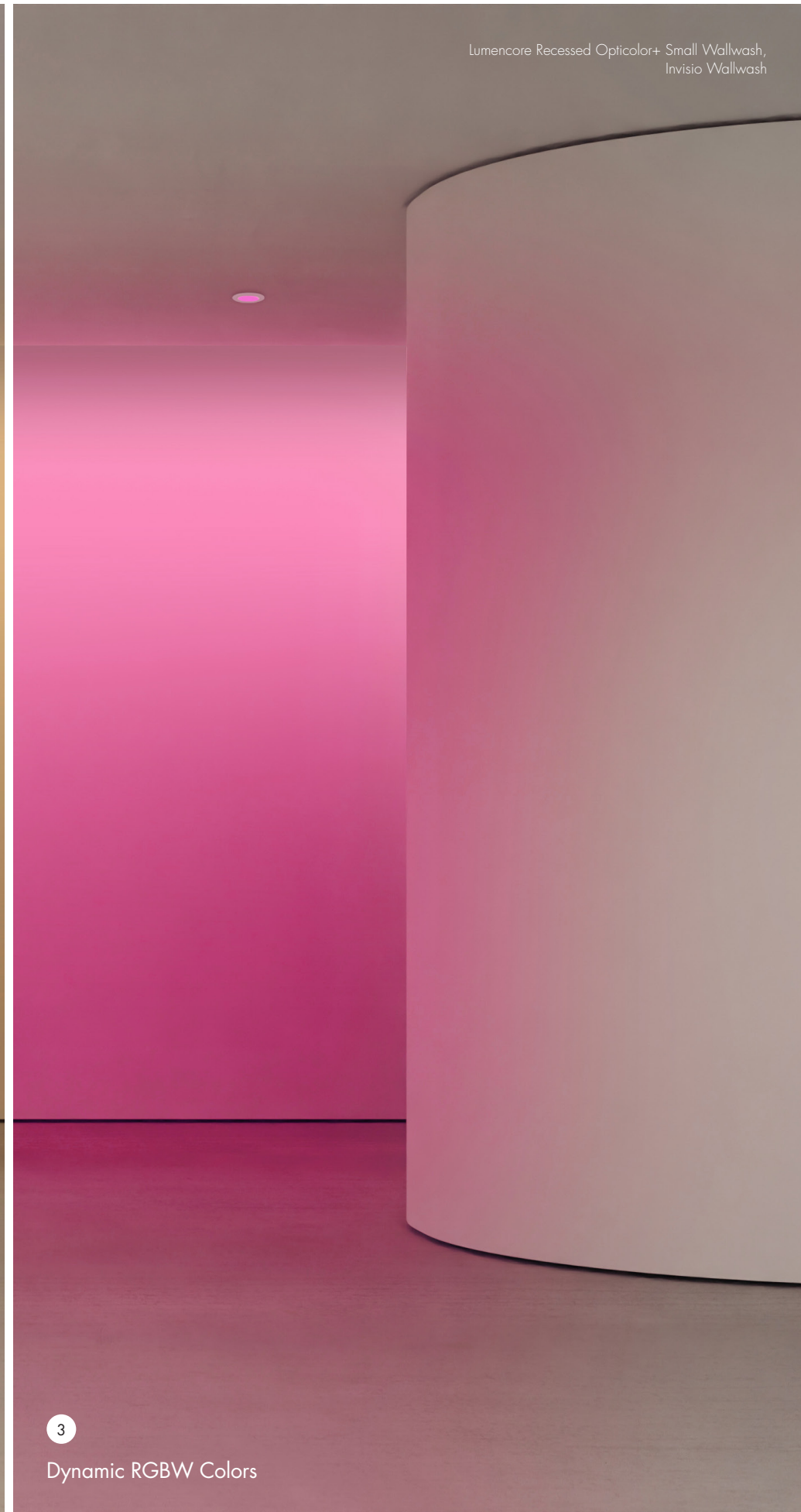


Dynamic RGBW Colors

- Vibrant, Rich Colors and Saturation
- High Color Output
- Adjustable White Channel CCTs

The Ultimate Three-In-One Solution

Lumenpulse introduces the world's first three-in-one interior recessed luminaire. The Lumencore Recessed Opticolor+ offers three modes: Premium White, Dynamic White with Dim-to-Warm, and Dynamic RGBW Colors, all while maintaining Lumenpulse's outstanding quality of light and precision.



Lumencore Recessed Opticolor+ Small Wallwash,
Invisio Wallwash

THIS FLUIDITY IN LIGHTING TRANSFORMS
ORDINARY SPACES INTO EXTRAORDINARY
EXPERIENCES, MAKING EVERY MOMENT
UNIQUE AND ENGAGING.

Naturally Dynamic

Dynamic light, inspired by the ever-changing patterns of nature, brings spaces to life with its evolving, dramatic, and poetic qualities. It mimics the natural progression of daylight, from the soft hues of dawn to the vibrant brilliance of midday and the warm tones of sunset, creating a living light that enhances our environments. Embracing the essence of nature, dynamic light fosters a deep connection to the world around us, turning static environments into vibrant, responsive sanctuaries that resonate with the rhythms of life.



In Tune with the Day

The Lumencore Recessed Opticolor+ offers dynamic colors, tunable whites, and a wide range of CCTs. This flexibility provides high-quality light tailored to various activities, from bright, cool light for tasks to soft, warm light for relaxation. When the workday ends, let your building glow with vibrant colors, showcasing your corporate brand or celebrating community events.



Opticolor+ harnesses our advanced color management technologies and proprietary optics to deliver unparalleled flexibility and performance for downlight applications.

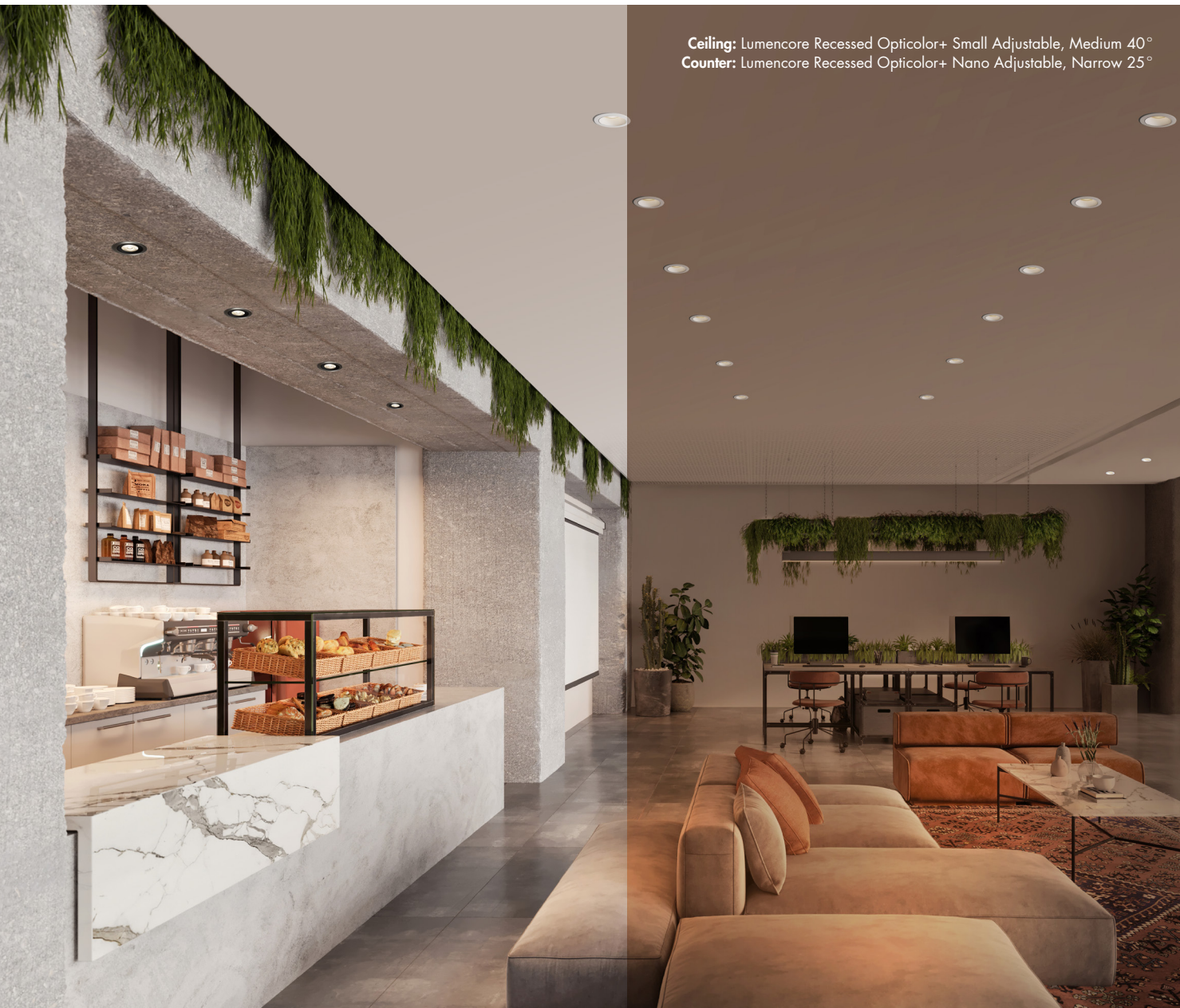
Game-Changing Benefits

- **Intense Colors:** Achieve rich, vibrant hues with Lumenpulse's Optidrive™ technology.
- **Consistent Quality:** Ensure uniform color consistency across multiple luminaires with advanced color management.
- **High Output White Light:** Optimize current usage for superior white light output, maximizing white-channel lumens.
- **Editable Warm Dimming:** Customize warm dimming with user-defined color temperatures.
- **Adjustable White Channel:** Select desired white color temperatures in RGBW mode, independent of LED board constraints.





Lumecore Recessed Opticolor+ Small Wallwash,
Invisio Wallwash



Flexible Temperatures

A designer's dream. Select any CCT and choose whether it remains static or dynamic. This flexibility allows you to tailor lighting for various tasks and moods, from bright, energizing light for productivity to warm, relaxing tones for unwinding. Perfect for creating dynamic and versatile environments that adapt to your needs.

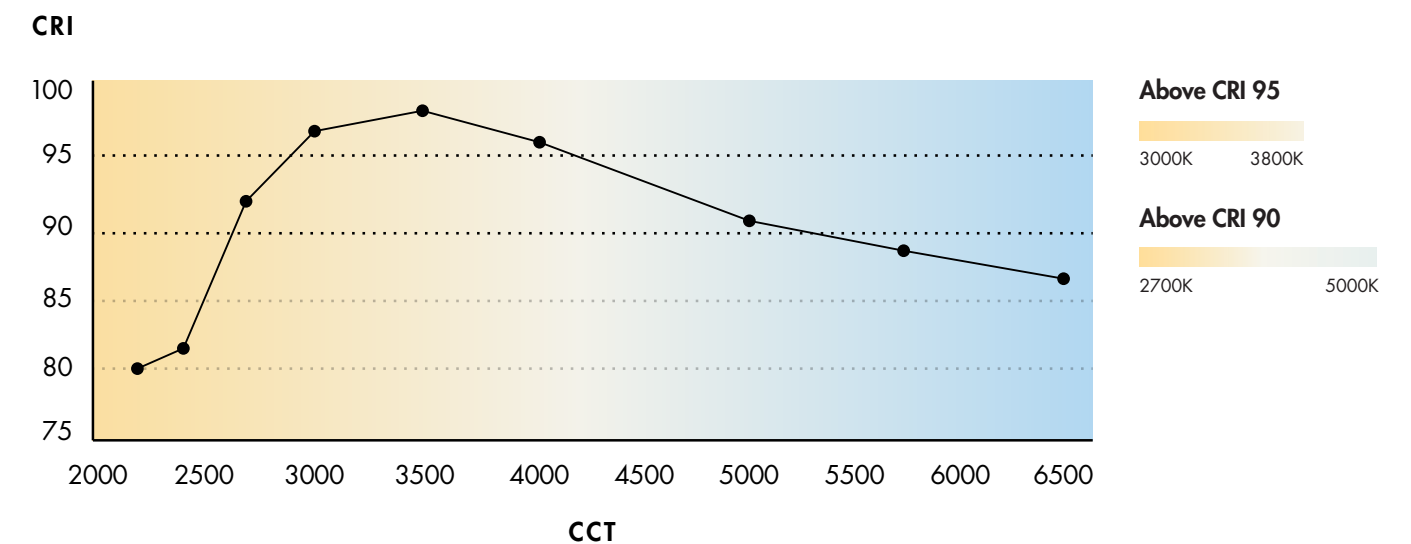


Uncompromising Illumination

Opticolor+ ensures exceptional light quality with high CRI across all CCTs. Combined with low UGR, consistent color (SDCM), and excellent color over angle, it renders colors accurately and vividly, making spaces look natural and appealing. Whether you need warm, inviting tones or cool, energizing light, Opticolor+ delivers consistent, high-quality illumination.

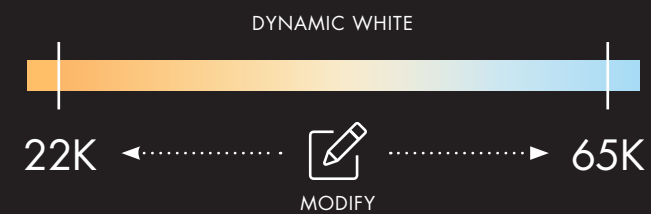
High CRI

From 2700 to 5000K



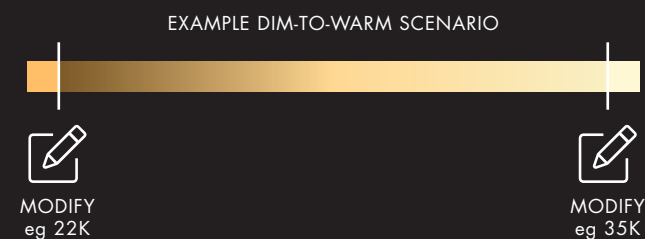
Dynamic White


Enhance your space with tunable CCTs, offering smooth transitions between cool, energizing tones and warm, relaxing hues. This flexibility ensures the perfect ambiance and functionality for any task or mood, enhancing visual comfort and adapting to various activities.



Tunable Dim-to-Warm

Elevate your space with Opticolor+'s intuitive, editable Dim-to-Warm feature, allowing customizable start and end points (e.g. dim from 4000K to 2700K or from 3000K to 2200K - you decide!)



 Select max CCT and min CCT during commissioning to fully customize your fixture.

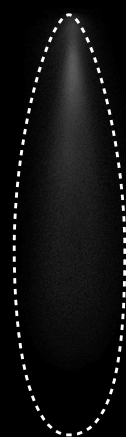


Color Changing

Why use color? It adds richness, boldness, and saturation to interiors. Our experts use advanced calibration to create millions of colors with intensity and ensure consistency. Opticolor+ offers vibrant, seamless color blending in RGBW fixtures, enhancing environments and highlighting architectural elements. Perfect for projecting brand identity, establishing a strong night presence, and ensuring consistency at events, Opticolor+ is a powerful communication tool.



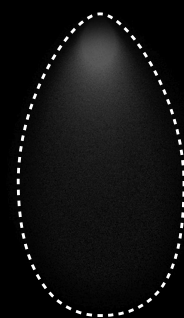
Narrow Spot
15°



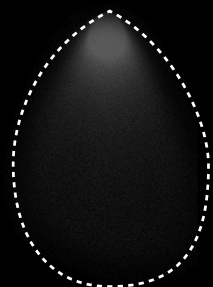
Narrow
25°



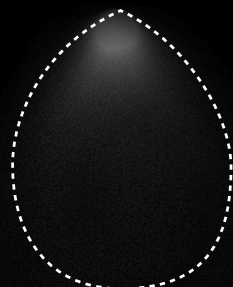
Medium
40°



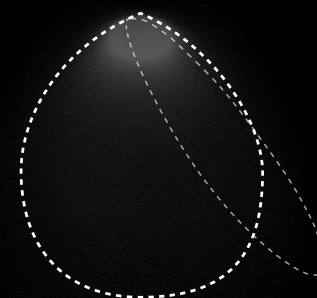
Wide
60°



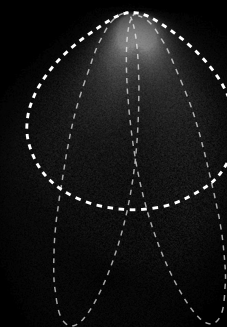
Very Wide
80°



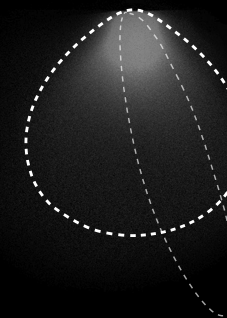
Accent
Wallwash



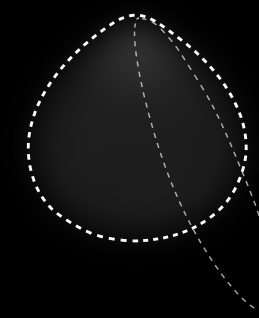
Double Asymmetric
Wallwash



True Asymmetric
Wallwash



Invisio
Wallwash



Precision and Flexibility

The Lumencore Recessed Opticolor+ offers tight beam spreads for spotlighting, wide beams for downlighting, and wallwashers including Invisio for vibrant wall illumination. These luminaires blend seamlessly into any space, focusing attention on illuminated surfaces. Lumenpulse's precision optics ensure light is directed exactly where needed, reducing waste and enhancing lighting effectiveness.





Exceptional Brilliance

Opticolor+ fixtures deliver exceptional performance with vibrant white and color outputs, industry-leading candela values, and impressive lifetimes of 50,000 hours (L95). They guarantee color consistency, providing a low-glare, visually comfortable environment. These fixtures not only enhance occupant comfort but also offer long-lasting, energy-efficient lighting solutions.

Performance and Data	White 30K 96 CRI	White 40K 95 CRI	Red	Green	Blue	Full On
Wattage	34 W	34 W	28 W	32 W	24 W	34 W
Delivered Lumens	1671 lm	1745 lm	566 lm	1344 lm	291 lm	1691 lm

*Lumencore Recessed Opticolor+ Small Downlight, Wide Faceted Reflector 60°

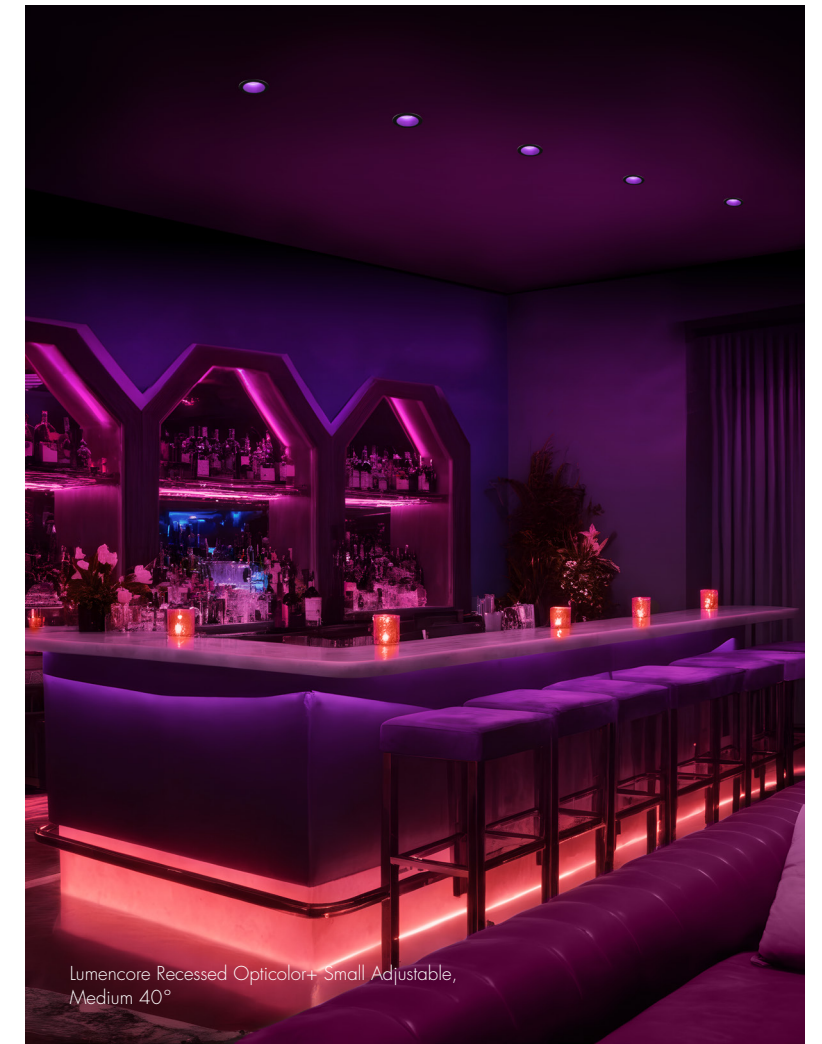
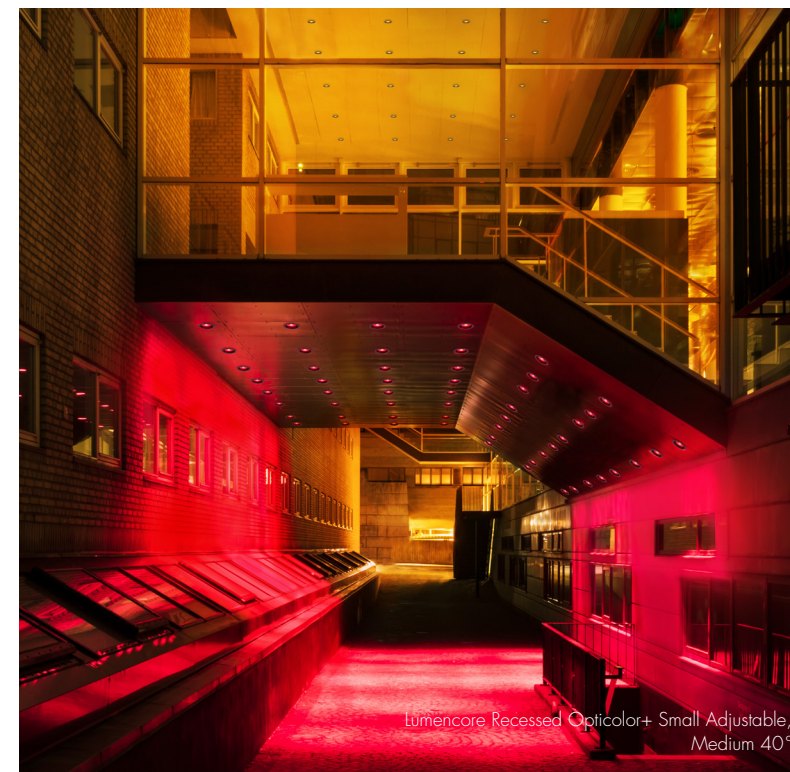




The Ultimate Three-in-One Solution

Opticolor+ brings together the best of all worlds, offering:

- 1 **Premium White Light:** Experience exceptional white light with high CRI up to 95+, superior output, and unmatched visual comfort.
- 2 **Tunable White Light:** Customize your color temperature and enjoy the warm dimming feature, which allows you to define how the light warms as it dims.
- 3 **Vibrant RGBW Color:** Benefit from rich, intense colors and the ability to adjust the color temperature of the white channel, providing flexibility previously constrained by physical LED limitations.

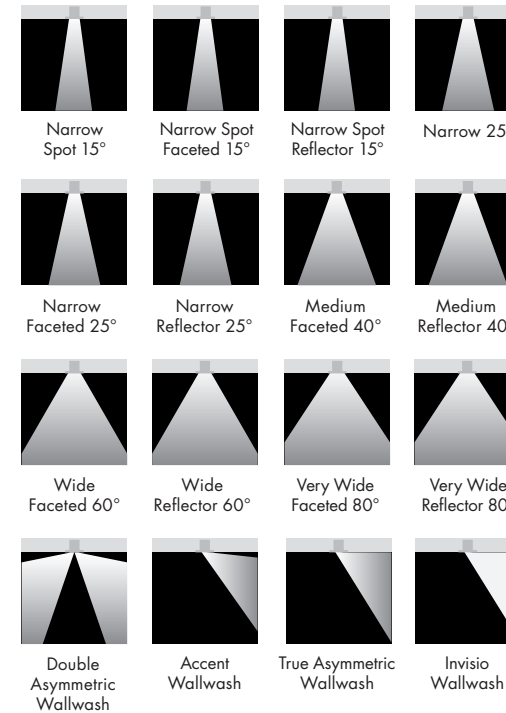


Unbelievable Versatility

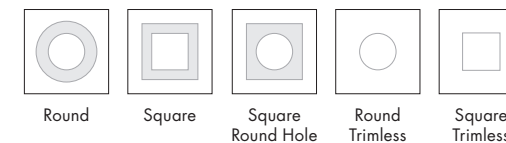
Lumenpulse's Lumencore Recessed Opticolor+ offers versatile design options with various shapes, finishes, and reflectors to suit any architectural style. This adaptability allows seamless integration into diverse environments, from modern interiors to traditional spaces.



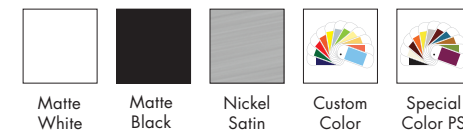
Optics



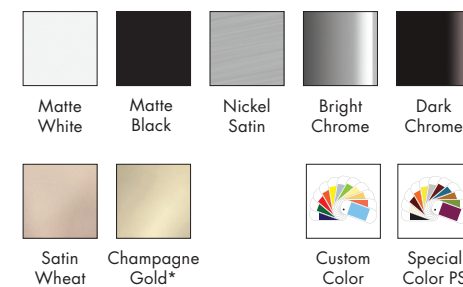
Trim Shapes



Trim Colors

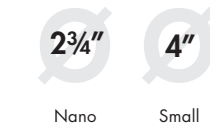


Bezel Colors



NOTE: Some exceptions, consult Specification Sheets for details.
*Consult factory for availability.

Sizes



Color & Color Temperature



Color Rendering Option

A range of CRIs up to 95+

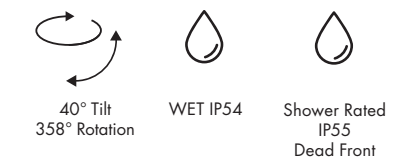
Outputs

500lm | 700lm | 1000lm | 1300lm | 2000lm

Installation Types

- **RM** Remodel Non-Insulated Ceiling
- **NC** New Construction Non-Insulated Ceiling
- **PC** Plenum Non-Insulated Ceiling
- **IC** New Construction Insulated Ceiling
- **IC/AT** New Construction Insulated Ceiling Plenum/Airtight (Enclosed Box)

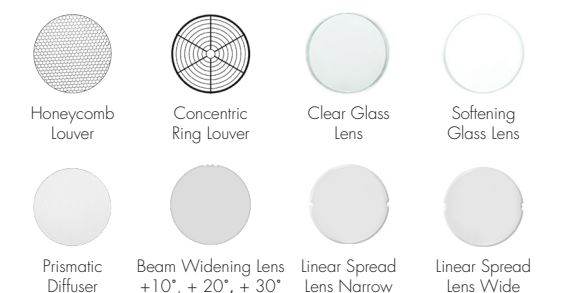
Options



Control Option

DMX/RDM

Lenses & Accessories





Adaptable Programming: Use Cases

- > I want a fixture that has a static white for 90% of its use, but can change color for special events:
 - › RGBW Basic: 4-Channel Mode
Select your white CCT in the field.

- > I want a fixture that can change color for special events but can Dim-to-Warm for evening white light applications:
 - › RGBW DTW: 4-Channel Mode
Select your high CCT and low CCT in the field for the Dim-to-Warm curve.

- > I want a fixture that can change color for special events but can move between white CCT's to mimic daylight:
 - › RGBW Dynamic: 5-Channel Mode
Select your high CCT and low CCT in the field using the 5th channel of control.

Adaptable Programming

With advanced programmability, Lumenpulse luminaires offer unparalleled control over your lighting environment. Customize settings for different times of day, activities, or events, and easily adjust lighting scenes to suit changing needs. These features enhance the user experience and contribute to energy savings and operational efficiency.

4-CHANNEL MODE

When operating in 4-Channel RGBW mode, you can select the White CCT with RDM during commissioning.



If different max CCT and min CCT values have been selected in commissioning, the fixture can now be a Dim-to-Warm fixture too.



Dim-to-Warm is automatically activated if RGB color channels are lowered to zero.

5-CHANNEL MODE

In 5 Channel mode the 5th channel will allow you to select the CCT of the White Channel within the range configured during commissioning.



3-CHANNEL MODE (HSI)

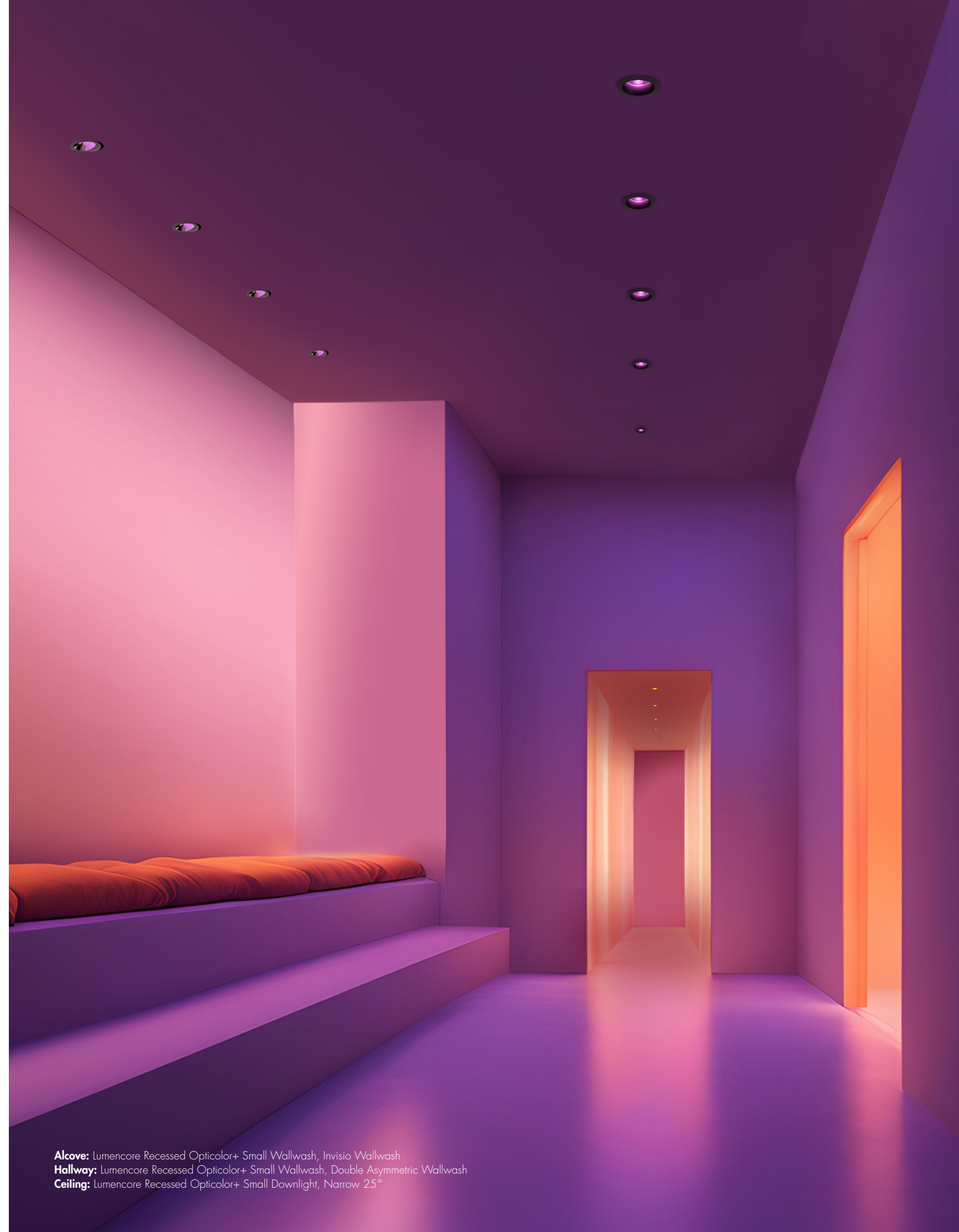
Hue, Saturation, and Intensity



When the Saturation Channel is at 0%, The Hue Channel will allow you to select the CCT of the White Channel within the range configured during commissioning.



Item is set via RDM during commissioning.



Alcove: Lumencore Recessed Opticolor+ Small Wallwash, Invisio Wallwash
Hallway: Lumencore Recessed Opticolor+ Small Wallwash, Double Asymmetric Wallwash
Ceiling: Lumencore Recessed Opticolor+ Small Downlight, Narrow 25°



Lumencore Recessed Opticolor+ Nano Wallwash, Invisio Wallwash
Lumencore Recessed Opticolor+ Nano Adjustable, Very Wide 80°

Corporate Headquarters

1220 Marie-Victorin Blvd.
Longueuil, QC
J4G 2H9 Canada

T +1.877.937.3003
T +1.514.937.3003
F +1.514.937.6289

US Headquarters

14 Beacon Street, 3rd Floor
Boston, MA
02108 United States

T +1.877.937.3003
T +1.617.307.5700
F +1.617.350.9912

