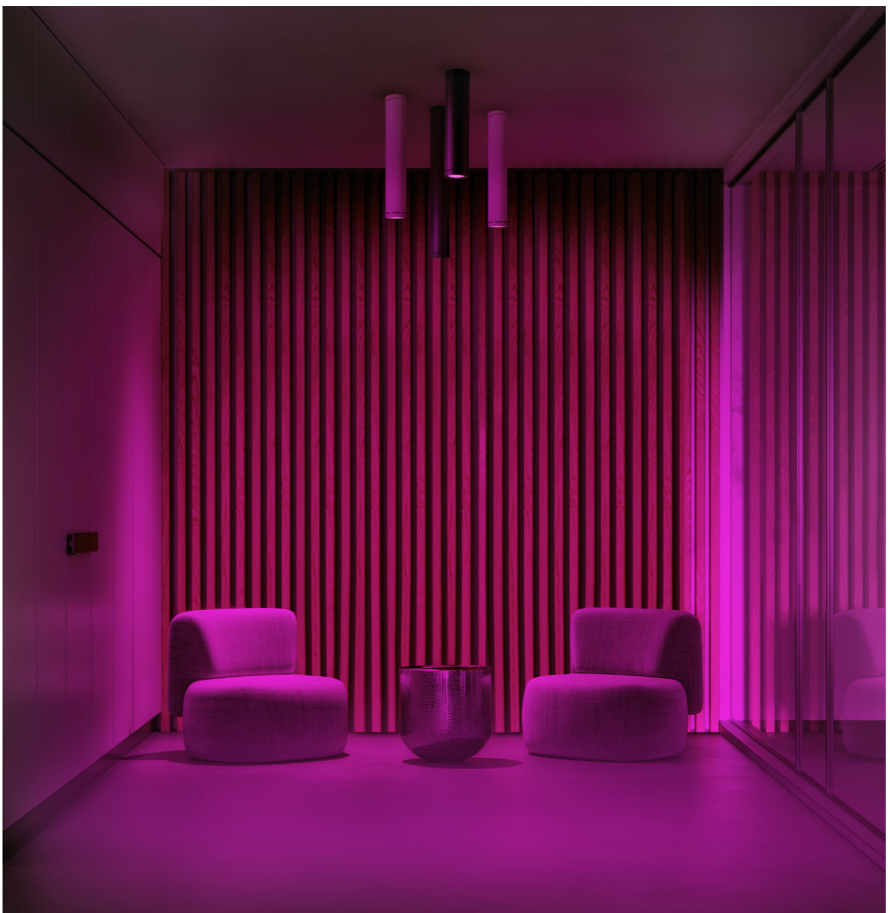
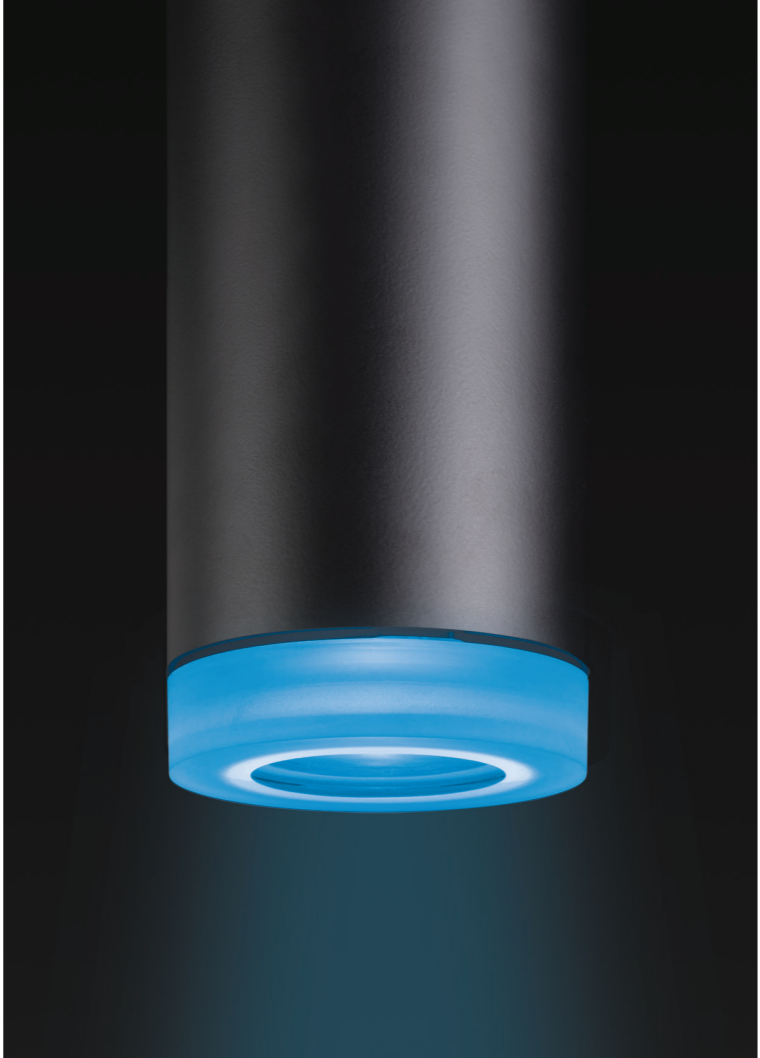




**lumencore**  
Point Source Solutions

Lumenpulse specialises in LED architectural lighting systems with a focus on performance, light quality, flexibility and lifetime. We know our products provide long-lasting quality because our clients have been using them successfully for years across thousands of projects worldwide, in retail, hospitality, and architectural applications.

For more information, please visit: [www.lumenpulse.com](http://www.lumenpulse.com)





## Family Approach

- Our designs are modelled on a family-like sense of allegiance, cooperation, and innate compatibility
- Scalable families of products that ensure visual consistency and performance across applications

## Quality of Light

- Smooth, even 5°, 10°, 15° beams; nice, narrow field, no spill
- Precision engineered optics for even illumination
- High intensity up to 45,181 cd

## Ease of Installation

- Field-changeable optics and accessories
- A variety of optics, colours, accessories and finishes, promoting greater adaptability and freedom
- Designed to create an easy and quick installation experience

## Sustainable Design

- No visible colour shift over 6 years
- L70 of 225,000 hours, L95 of 55,000 hours
- LM-80 tested for 10,000 hours

## Control Ready

- Control agnostic – Choose between 1-10V, DALI, or DMX/RDM as wired control options
- Lumentalk – Digital control over power line – no rewiring required

## Dynamic Solutions

- Control your ambience with Dim to Warm Plus, Dynamic White, and Dynamic Warm White Plus
- Static White CRI 80+, CRI 90+, CRI 95+, Radiant 80+, and Radiant 95+

NOTE: Some exceptions, consult specification sheets for details.



Product Index

## Lumencore Cylinders Pendant 13" - 18" - 23" (cable and stem)



Lumencore Cylinder Nano Pendant Lumencore Cylinder Small Pendant Lumencore Cylinder Medium Pendant Lumencore Cylinder Large Pendant



Lumencore Cylinder Nano Pendant Opticolor+ Lumencore Cylinder Small Pendant Opticolor+ Lumencore Cylinder Medium Pendant Opticolor+

## Lumencore Cylinders Surface Mount



Lumencore Cylinder Nano Surface Mount Lumencore Cylinder Small Surface Mount Lumencore Cylinder Medium Surface Mount Lumencore Cylinder Large Surface Mount



Lumencore Cylinder Nano Surface Mount Opticolor+ Lumencore Cylinder Small Surface Mount Opticolor+ Lumencore Cylinder Medium Surface Mount Opticolor+

## Lumencore Cylinders Wall Mount (direct, indirect and direct/indirect)



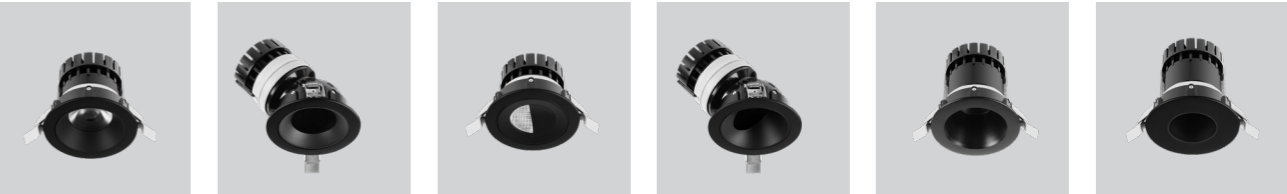
Lumencore Cylinder Nano Wall Mount Lumencore Cylinder Small Wall Mount Lumencore Cylinder Medium Wall Mount Lumencore Cylinder Large Wall Mount



Lumencore Cylinder Nano Wall Mount Opticolor+ Lumencore Cylinder Small Wall Mount Opticolor+ Lumencore Cylinder Medium Wall Mount Opticolor+

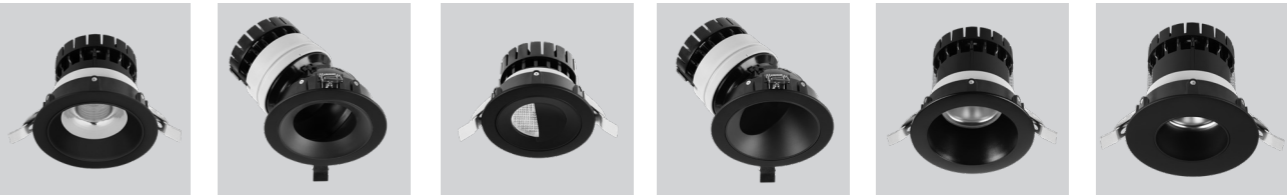
## Lumencore Recessed

### Lumencore Recessed Nano



Lumencore Recessed Nano Downlight Lumencore Recessed Nano Adjustable Lumencore Recessed Nano Wallwash Lumencore Recessed Nano Tilt Lumencore Recessed Nano Shower Rated Lumencore Recessed Nano Pinhole

### Lumencore Recessed Small



Lumencore Recessed Small Downlight Lumencore Recessed Small Adjustable Lumencore Recessed Small Wallwash Lumencore Recessed Small Tilt Lumencore Recessed Small Shower Rated Lumencore Recessed Small Pinhole

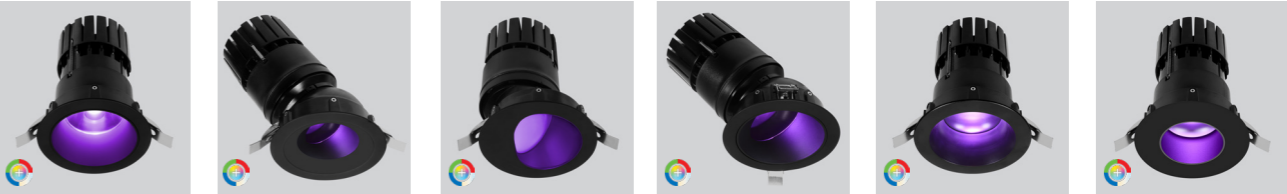
## Lumencore Recessed Opticolor+

### Lumencore Recessed Nano



Lumencore Recessed Nano Downlight Opticolor+ Lumencore Recessed Nano Adjustable Opticolor+ Lumencore Recessed Nano Wallwash Opticolor+ Lumencore Recessed Nano Tilt Opticolor+ Lumencore Recessed Nano Shower Rated Opticolor+ Lumencore Recessed Nano Pinhole Opticolor+

### Lumencore Recessed Small



Lumencore Recessed Small Downlight Opticolor+ Lumencore Recessed Small Adjustable Opticolor+ Lumencore Recessed Small Wallwash Opticolor+ Lumencore Recessed Small Tilt Opticolor+ Lumencore Recessed Small Shower Rated Opticolor+ Lumencore Recessed Small Pinhole Opticolor+

# A Crayon Box of Options

A vast crayon box of optics, colours, controls, sizes, and mounting options give designers an unprecedented amount of choice to fuel their imagination and create applications once thought impossible with a Lumencore Cylinder.



## Sizes

70 mm 100 mm 150 mm 200 mm

Nano Small Medium Large

## Outputs

700lm | 1000lm | 1300lm | 2000lm  
3000lm | 4000lm | 5000lm | 6000lm

## Colour Temperatures

2200K 2700K 3000K 3500K 4000K

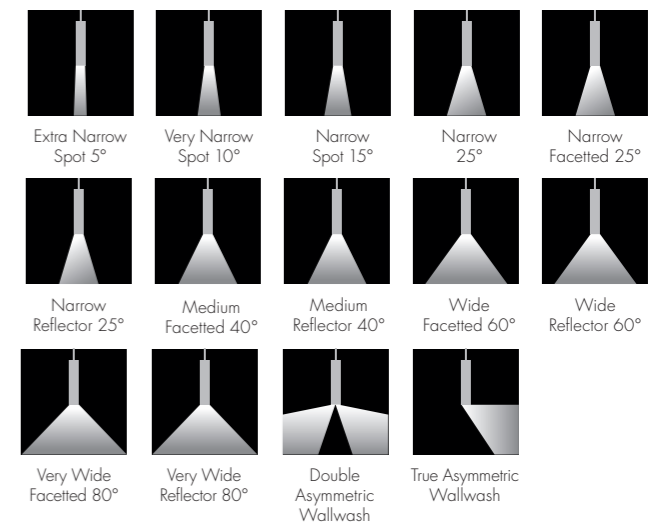
## Colour Rendering Options

80+ | 90+ | 95+ | Radiant 80+ | Radiant 95+

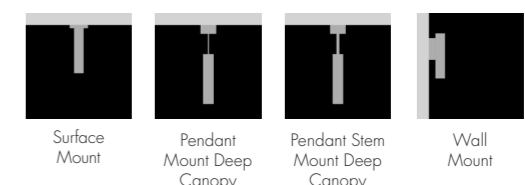
## Control Options

- On/Off Control
- 1-10V, 1% linear or logarithmic
- Pro 1-10V, 0.1% linear or logarithmic
- Standard DALI, 1% linear or logarithmic
- Pro DALI, 0.1% linear or logarithmic
- Phase Dimming
- DMX/RDM
- lumen talk

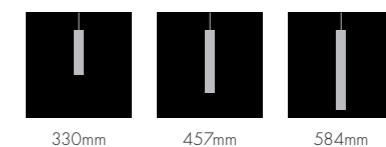
## Optics



## Mountings

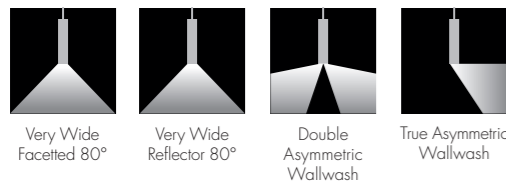
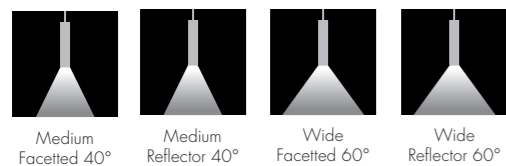
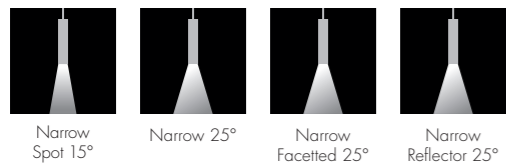


## Length

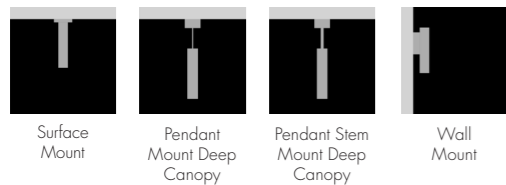


**NOTE:** Some exceptions, consult Specification Sheets for details.

## Optics



## Mountings



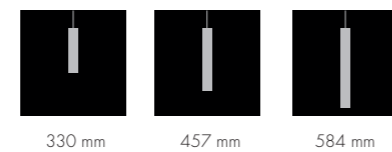
## Finishes



## Sizes



## Lengths



## Colour Temperature



## Colour Rendering Option

A range of CRIs up to 95+

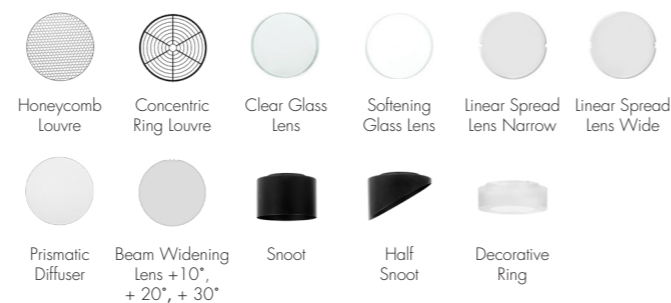
## Outputs

700lm | 1000lm | 1300lm | 2000lm

## Control Option

DMX/RDM

## Lenses & Accessories



## Certifications\*



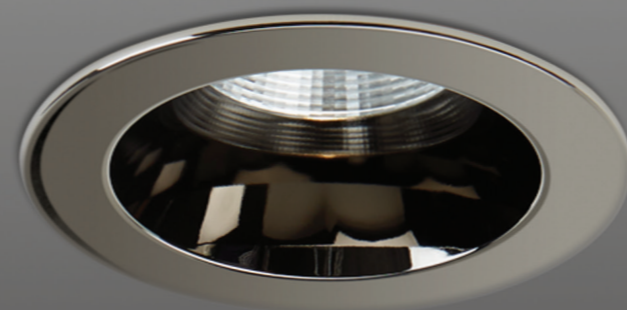
\* To see UL certified product options, refer to Lumenpulse website, and change region setting to North America.



# lumencore

Cylinders Opticolor+™

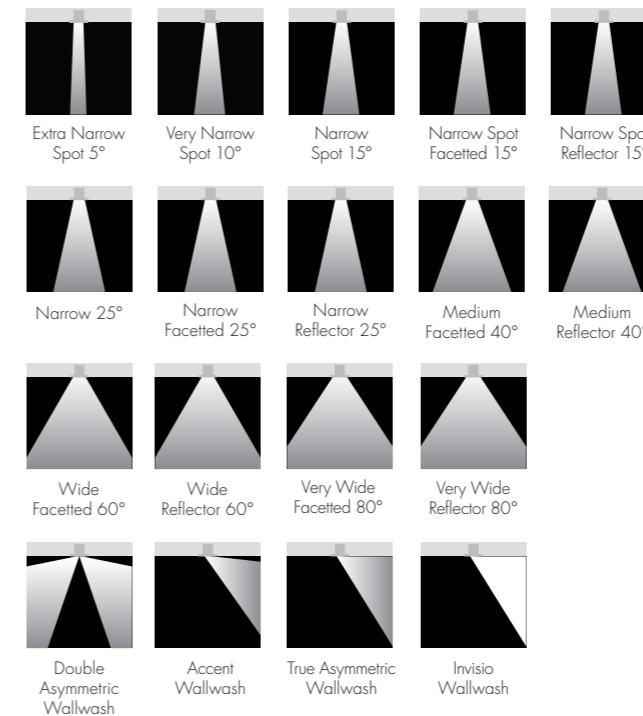
Transform your lighting projects with Opticolor+, the revolutionary technology that redefines what a luminaire can achieve. Designed to address common challenges in RGBW lighting, Opticolor+ offers unparalleled performance and flexibility, making it the perfect choice for both dynamic and high-quality white lighting needs.



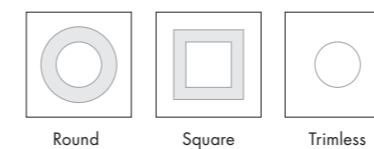
# Endless Opportunities

Every space has its own requirements. Lumencore's recessed options let you choose the right recipe for your design and the right combination for every space and indoor recessed requirement.

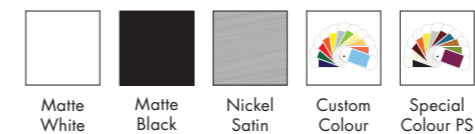
## Optics



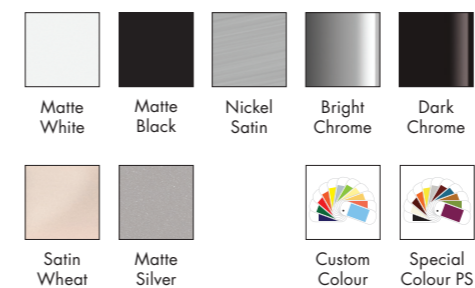
## Trim Shapes



## Trim Colours



## Bezel Colours



## Sizes



## Outputs

700lm | 1000lm | 1300lm  
2000lm | 3000lm | 4000lm | 5000lm

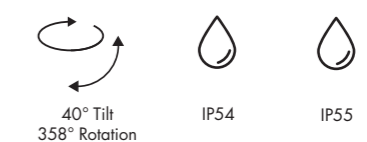
## Colour Temperatures



## Colour Rendering Options

80+ | 90+ | 95+

## Options

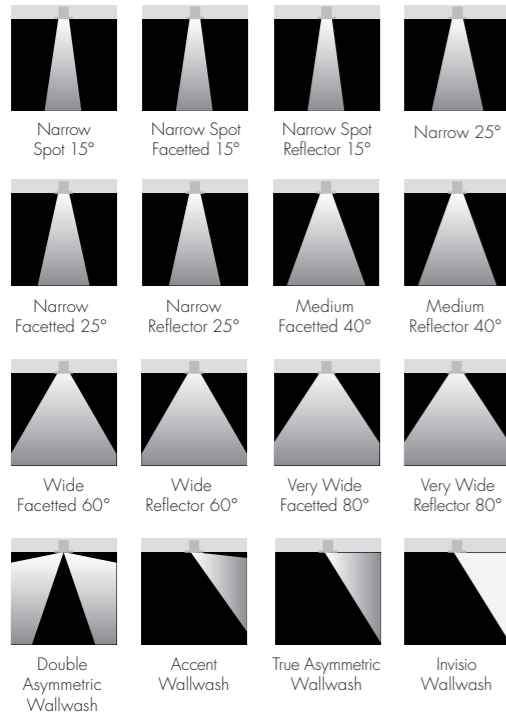


## Control Options

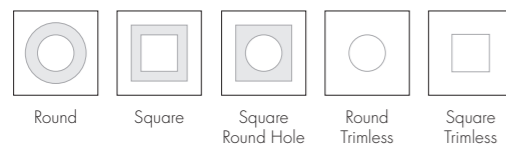
- NO - On/Off Control
- DA1 - 1-10V Dimming, 1% linear
- DA2 - 1-10V Dimming, 1% logarithmic
- SDALI1 - Standard DALI Dimming, 1% linear
- SDALI2 - Standard DALI Dimming, 1% logarithmic
- DALI1 - Pro DALI Dimming, 0.1% linear
- DALI2 - Pro DALI Dimming, 0.1% logarithmic
- DALI8- DALI-2 Type 8 multi-channel control
- DMX/RDM - configurable to 1, 2, or 3 Channels

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

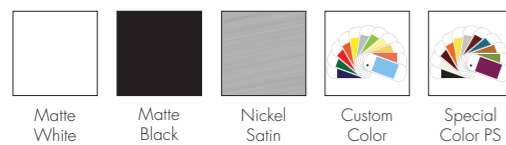
## Optics



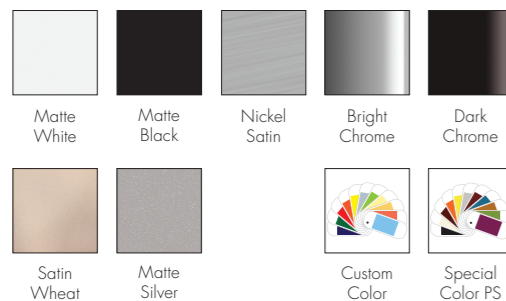
## Trim Shapes



## Trim Colors



## Bezel Colors



## Sizes



## Colour & Colour Temperature



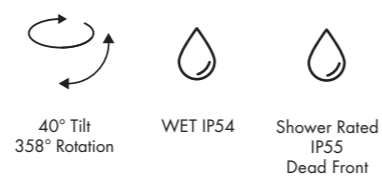
## Colour Rendering Option

A range of CRI's up to 95+

## Outputs

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

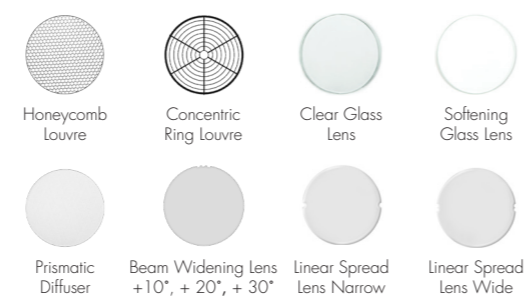
## Options



## Control Option

DMX/RDM

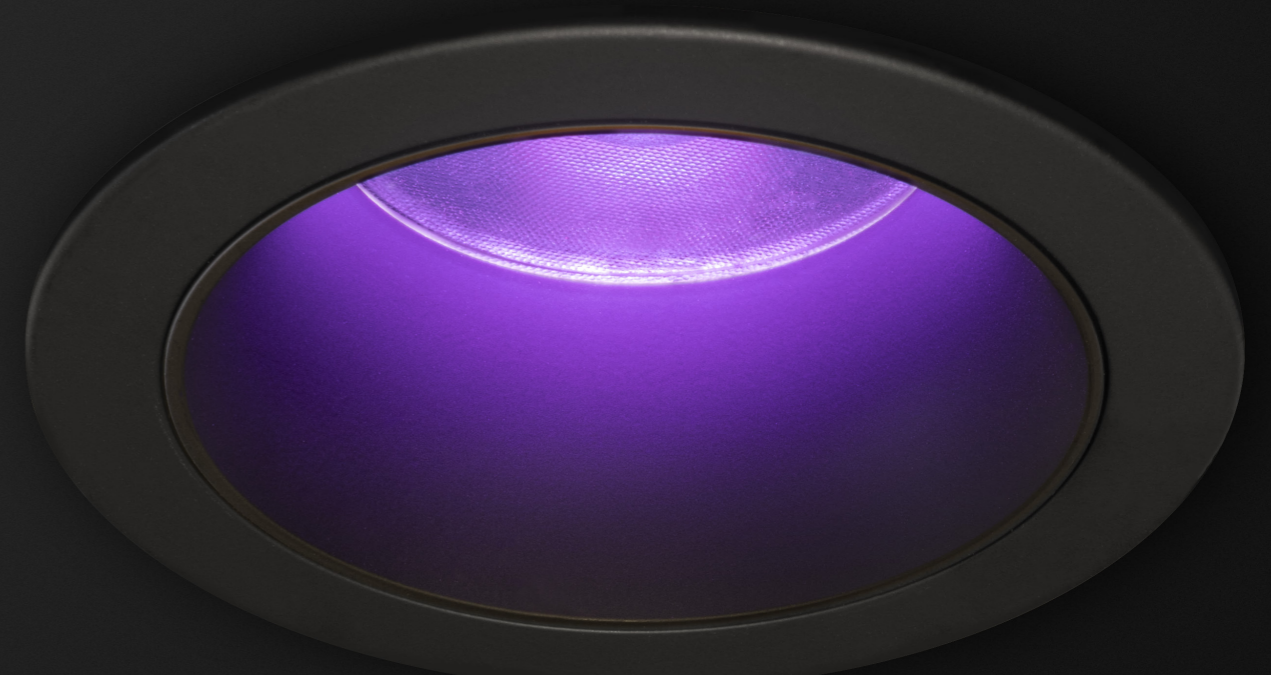
## Lenses & Accessories



## Certifications\*



\* To see UL certified product options, refer to Lumenpulse website, and change region setting to North America.



# 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.

Extra Narrow 5°



Very Narrow 10°



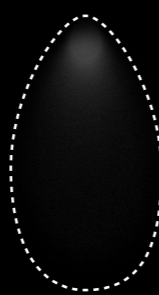
Narrow Spot 15°



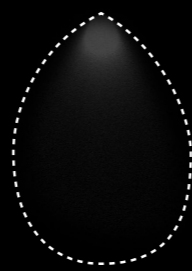
Narrow 25°



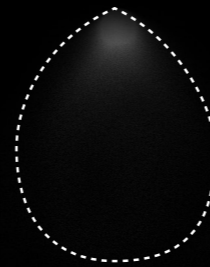
Medium 40°



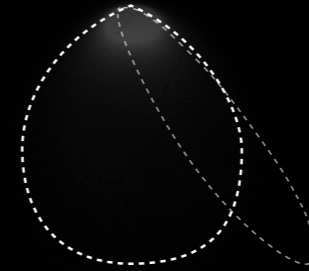
Wide 60°



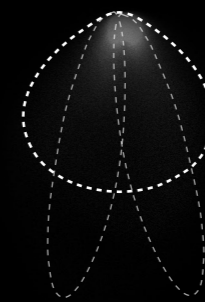
Very Wide/Very Wide Facetted 80°



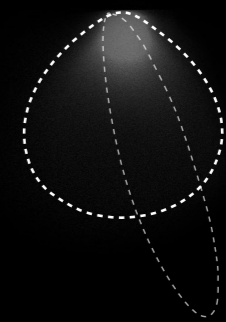
Accent Wallwash



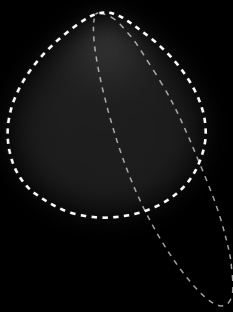
Double Asymmetric Wallwash



True Asymmetric Wallwash



Invisio Wallwash



## Optical Exaltations

With advanced optics, Lumenpulse Point Source luminaires deliver vertical, general, spot, accent, and asymmetric lighting options. Using the same light engine and optics across Lumencore Recessed and Cylinders ensures consistent beam spread and performance in any application.

Up to  
**118lm/W**

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


# The Science Behind our Beautiful Light Beams

With an emphasis on visual quality, optics ensure smooth, even beam distributions with exceptional optical control.

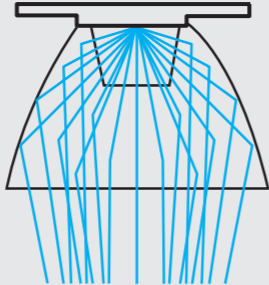
- No fried egg appearance
- Soft, smooth edge
- No striations
- Even colour.

**Precision Optics for Total Control**

Lumenpulse’s clear polymer LED lenses harness the power of total internal reflection (TIR) to direct light precisely where it’s needed. Unlike reflectors, which allow a lot of light to spill out creating a wider field angle, our TIR optics capture and control all the light.



**Total Internal Reflection (TIR)**



- ✓ All light passes through the optic
- ✓ Minimal light glare
- ✓ Increased efficiency and visual comfort



## TIR Optic

- ✓ Tight, clean beams
- ✓ No glare, no light spill
- ✓ Increased efficiency and visual comfort



## Facetted Reflector

- ✓ Very efficient
- ✓ Crisp transitions between beam and field angle
- ✓ Stronger, wider beam angles



## Semi-Specular Reflector

- ✓ Perfect for general lighting
- ✓ Soft transition between beam and field angle
- ✓ Great for wider beam angles

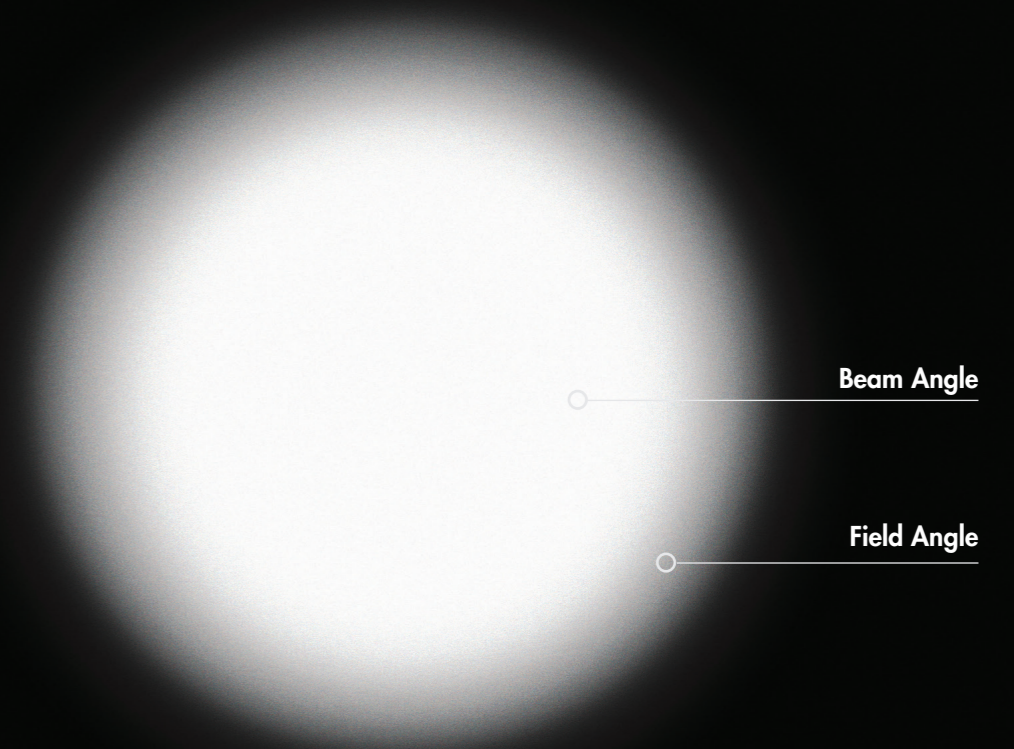
NOTE: Some exceptions, consult specification sheets for details.

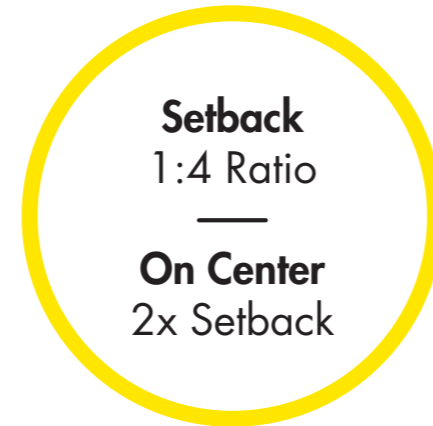
# Know Your Angles

No two light beams are quite the same. Even light sources that claim to have the same beam angle can look very different in practise.

**Beam Angle** is the angle at which the luminous intensity of a light source falls to 50% of the maximum. Beam angle is a useful measure of where most of your light is going, but it doesn't tell you how wide the rest of the light will be spread.

**Field Angle** is the angle at which luminous intensity falls to 10% of the maximum. In other words, pretty much all of your light falls within this angle.





True Asymmetric Wallwash Assembly

## True Asymmetric Wallwash

### True Uniformity

- Exceptional uniformity below 0.25 (min./max.)
- Generous spacing between luminaires
- Available in smaller sizes, 70 mm and 100mm diameters





Double Asymmetric Assembly

## Double Asymmetric

### **Balanced Light. Double the Impact.**

- Illuminates facing walls and floor simultaneously
- Ideal for corridors and passageways
- Available in 70mm and 100mm diameters
- Adds dynamic mood-setting with Opticolor+



# Field-Changeable Optics and Accessories

Lumencore Cylinders, and many of our Lumencore Recessed can change face whenever you like. Accessories can easily be swapped wherever you've mounted your luminaire. When projects are suddenly modified, you can instantly adapt.

Available  
for Lumencore  
Recessed, and  
Lumencore  
Cylinders



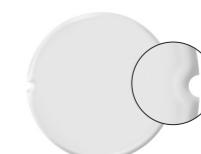
Clear Glass Lens



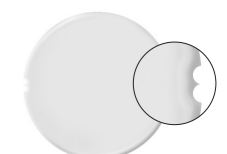
Softening Glass Lens



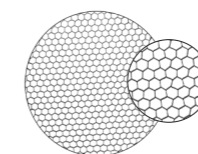
Prismatic Diffuser



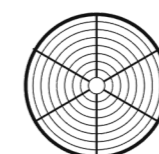
Linear Spread Lens Narrow



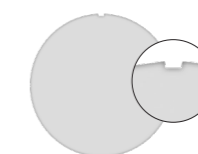
Linear Spread Lens Wide



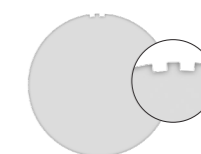
Honeycomb Louvre



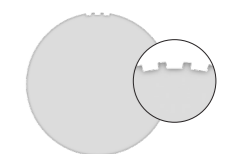
Concentric Ring Louvre



Beam Widening Lens +10°



Beam Widening Lens +20°

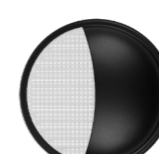


Beam Widening Lens +30°

Available  
for Lumencore  
Recessed, and  
Lumencore  
Cylinders



Double Asymmetric



Wallwash Optic

Available  
for Lumencore  
Recessed



Tilt Wallwash

Available  
for Lumencore  
Cylinders



Decorative Ring

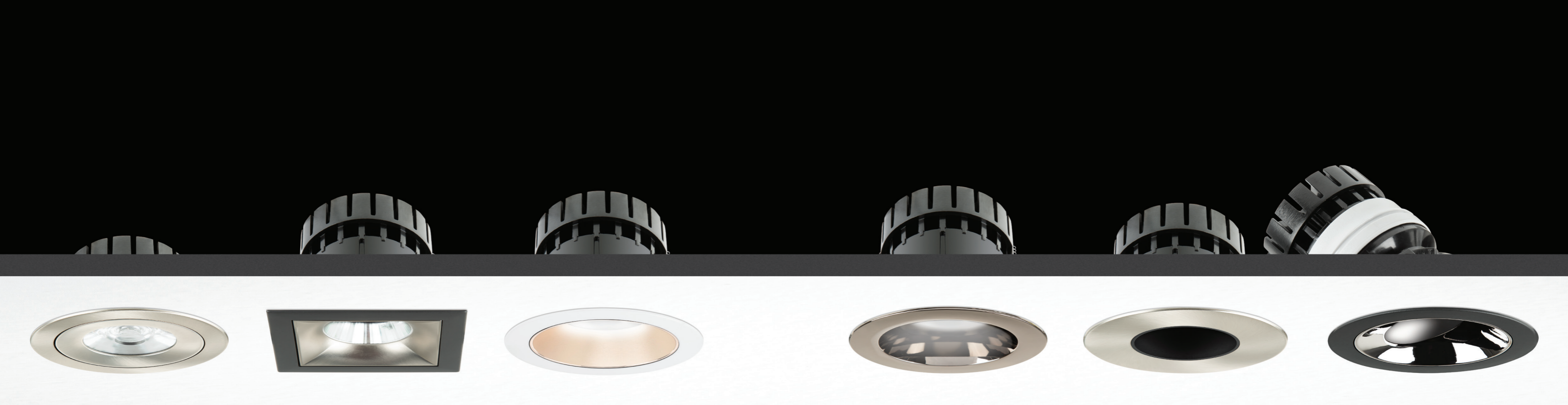


Snoot



Half Snoot

NOTE: Some exceptions, consult specification sheets for details.



# Adaptable Flexibility

Don't worry, we've got you covered. If a trim has to change to a trimless, no need to re-order a completely new product. If a paint chosen for a space suddenly changes, so can the look of the Lumencore. With simple field-replaceable kits, you'll be able to quickly update your install in the field.



# On-the-Fly, in the Blink of an Eye

Change your mind and accessories as often as you like. Our entire point source family are easily adaptable to any change of plans. Decorative bezel colours, snoots, optics and much more can be swapped to meet design changes quickly in the field.



**1** Remove the magnetic trim.



**3** Lift the spring-loaded plastic lock and twist the optic and bezel from the body.



**5** Clip the Lumencore back into its ceiling mount and add the magnetic trim of your choice.



**2** Unclip the Lumencore from its ceiling mount.



**4** Choose any compatible bezel or optic and lock back in place.

The Lumenpulse Lumencore Cylinder key helps keep others out while allowing you to change accessories and optics wherever your luminaires may be.



**1** Unlock the front ring with the key provided.



**2** A spring-loaded mechanism allows for various layers of optics and accessories to be added.



**3** Layers of accessories have the space they need and are held tightly by the spring mechanism when closed.

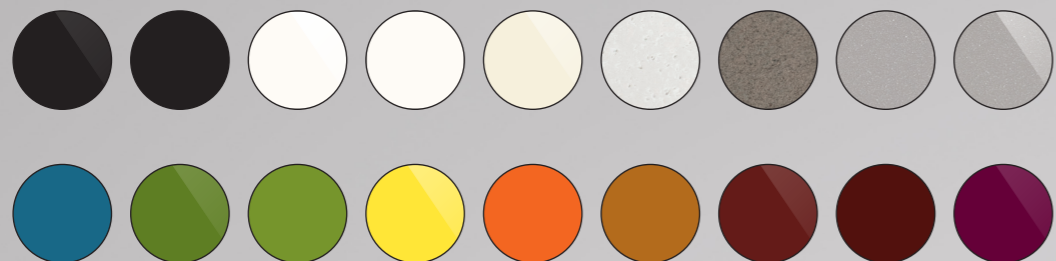


**4** Simply twist the front ring into place and the cylinder is locked.



## Finishes

Let the lumenpulse lumencore sing backup to your room's decor, or have them vibrantly singing lead in contrasting colours. Mix and match the decorative bezel colour to that of the body. Available in 18 colour options, in both matte and glossy finishes, as well as custom colours.

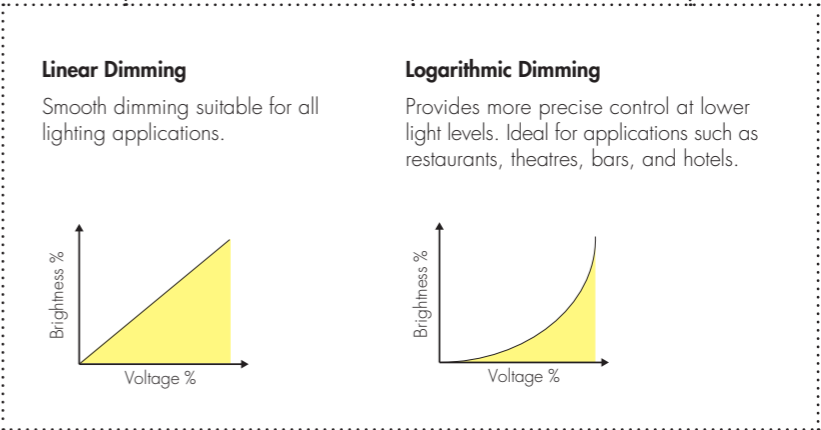




# Control Flexibility

There should be no lighting without lighting control. That's why our point sources are compatible with multiple control systems. Choose between a variety of wired control options, or use our innovative Lumentalk technology to enable digital control over existing wiring installations.

|                               |  |         |
|-------------------------------|--|---------|
| On/Off Control                | DALI-2 Type 8                                    | DMXrdm  |
| 1-10V (linear or logarithmic) | DALI 1% or Pro DALI 0.1% (linear or logarithmic) | CASAMBI |



NOTE: Some exceptions, consult specification sheets for details.



Lumencore Cylinder Opticolor+ Small Surface Mount, Narrow Spot 15°



Premium White



Dynamic Whites



Dynamic RGBW



# The Ultimate Three-In-One Solution

- **Vivid Colour Output**  
Experience bold, saturated colours powered by Optidrive™ technology.
- **Uniform Consistency**  
Maintain flawless colour matching across fixtures with intelligent colour management.
- **Brilliant White Light**  
Maximise output on the white channel for clean, high-performance illumination.
- **Custom Warm Dimming**  
Tailor warm dimming curves with user-selectable color temperature endpoints.
- **Flexible White Tuning**  
Choose any white CCT in RGBW mode, unrestricted by LED board limitations.



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

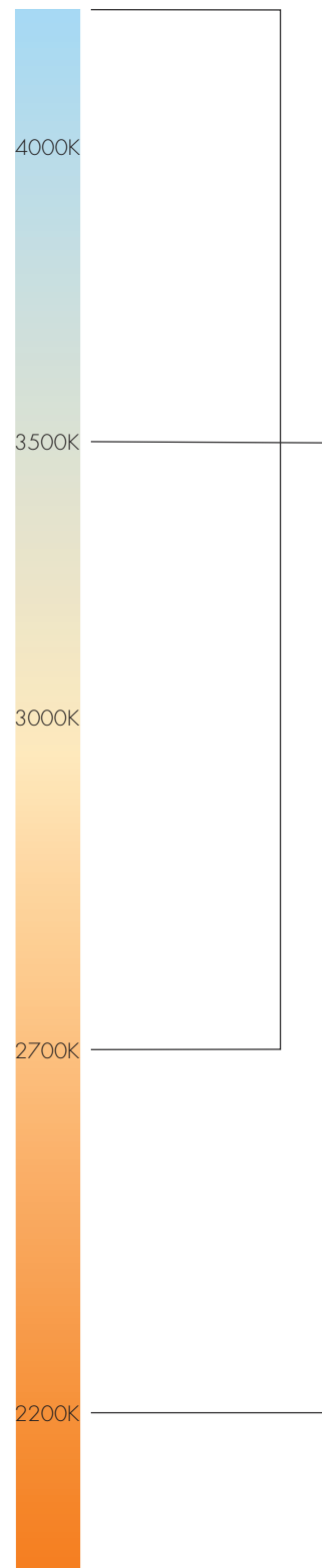


- Dynamic Whites**
- User-Defined Warm Dimming
  - Tunable Between 2200K and 6500K



- Dynamic RGBW**
- Vibrant, Rich Colours and Saturation
  - High Colour Output
  - Adjustable White Channel CCTs

6500K



2700K — 6500K

**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.



3500K — 1800K

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



2200K — 3500K

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

1800K

2-channel or 3-channel (Dwh, Dwwp)  
Compatible with DMX/RDM,  
and DALI-2 Type 8.

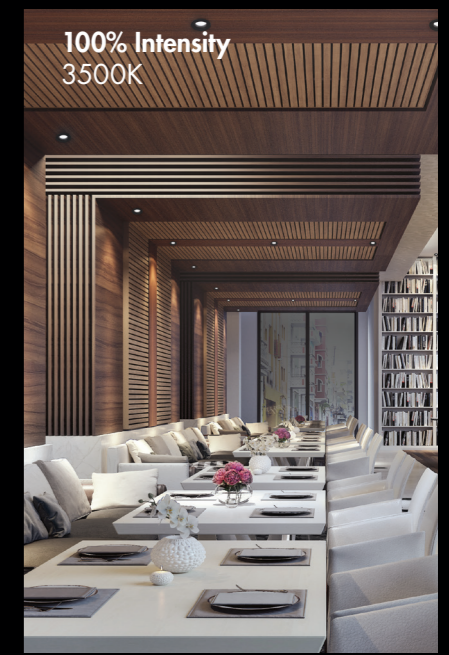
6500K



1800K

1 channel (Dhwp)  
Compatible with 1-10V,  
DMX/RDM, and SDAI.

# Ambiance at your fingertips



# Lumentalk

Lumentalk technology is available for Lumenpulse Lumencore Recessed, and Cylinders. Lumentalk uses AC power lines as a digital control network, allowing easy, networkable LED lighting systems, with no re-wiring required.

Lumentalk instantly increases flexibility, providing massive savings on cable, conduit, and labour.

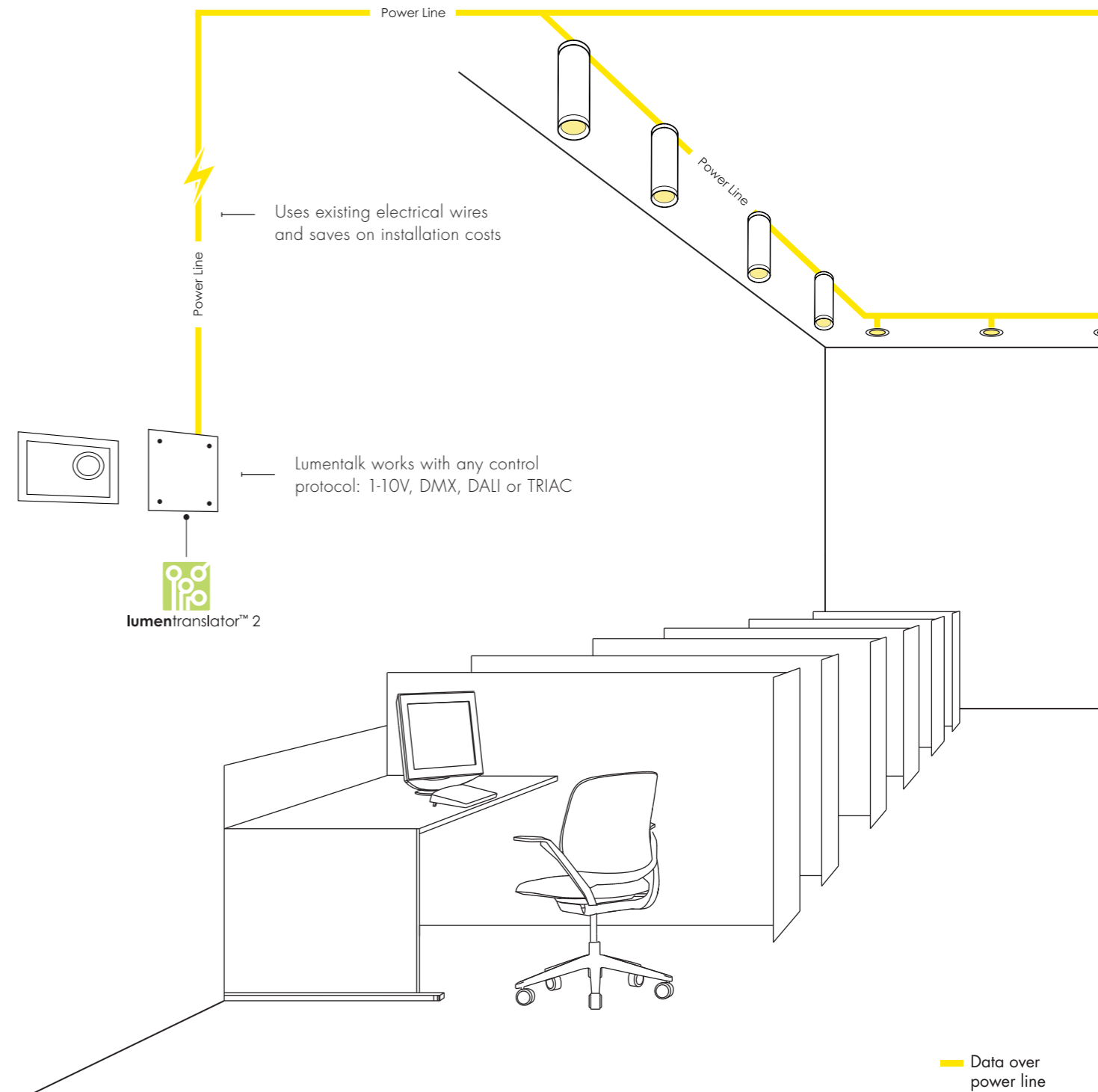
The technology is:

- Programmable
- Configurable on the fly
- Not limited by physical wiring
- Allowing individual control of Lumencore Recessed, and Cylinders.

NOTE: Some exceptions, consult specification sheets for details.



Controls Each  
Luminaire Individually

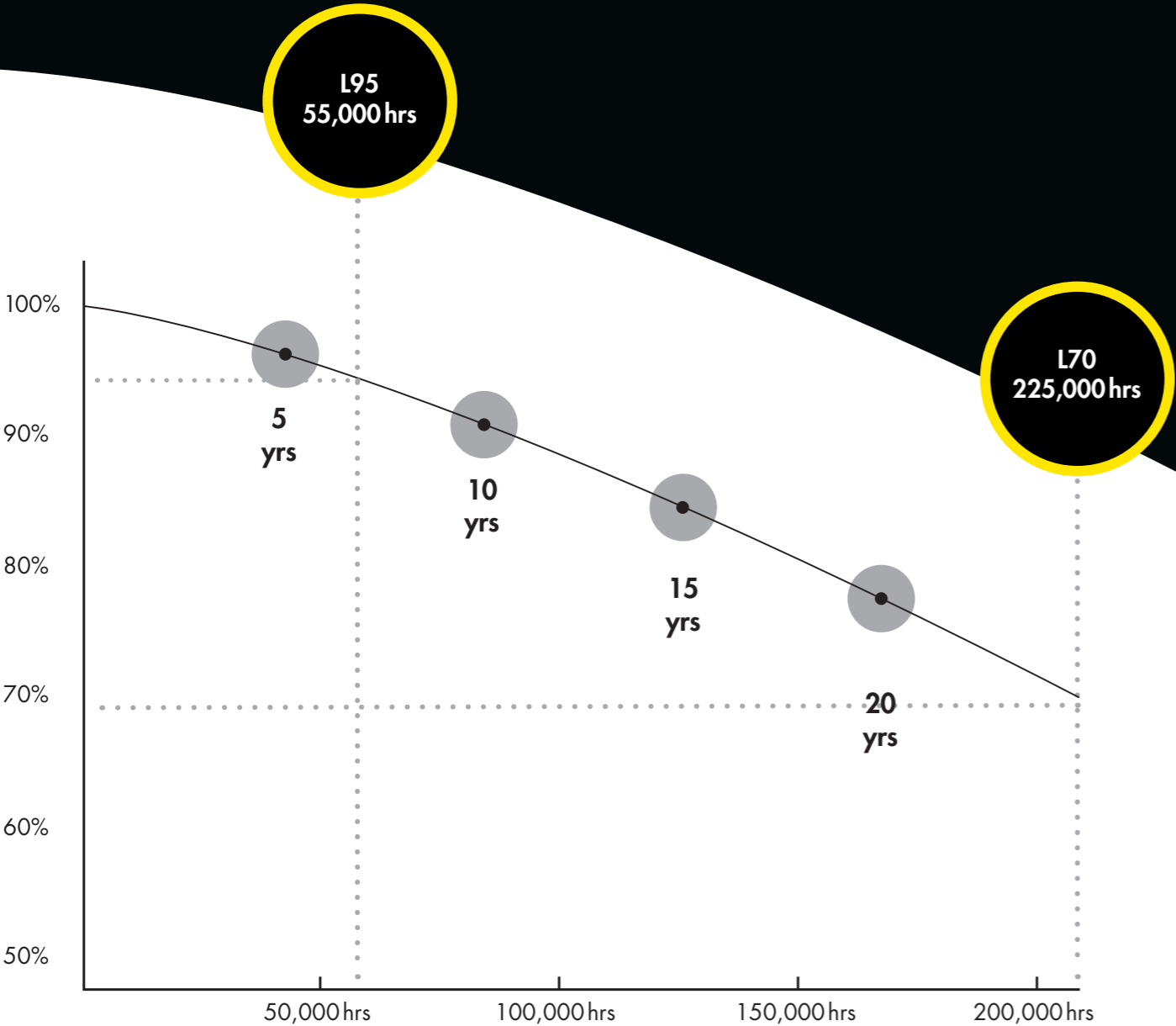


# Less Than 5% Light Loss After Six Years

Our Lumencore Recessed, Lumencore Track, and Lumencore Cylinders offer an unbelievable new standard in LED lifetime performance. With an L95 of 55,000 hours, designers can be confident that their projects will maintain at least 95% of their initial light levels after six years of continuous use.\*

**L95**  
Our lights still provide 95% of their original light output after six years – that’s a barely noticeable difference, and way ahead of the industry standard.

**L70**  
Even if you waited 25 years, the lights would still be perfectly effective, giving out 70% as much light as they did back at the start.



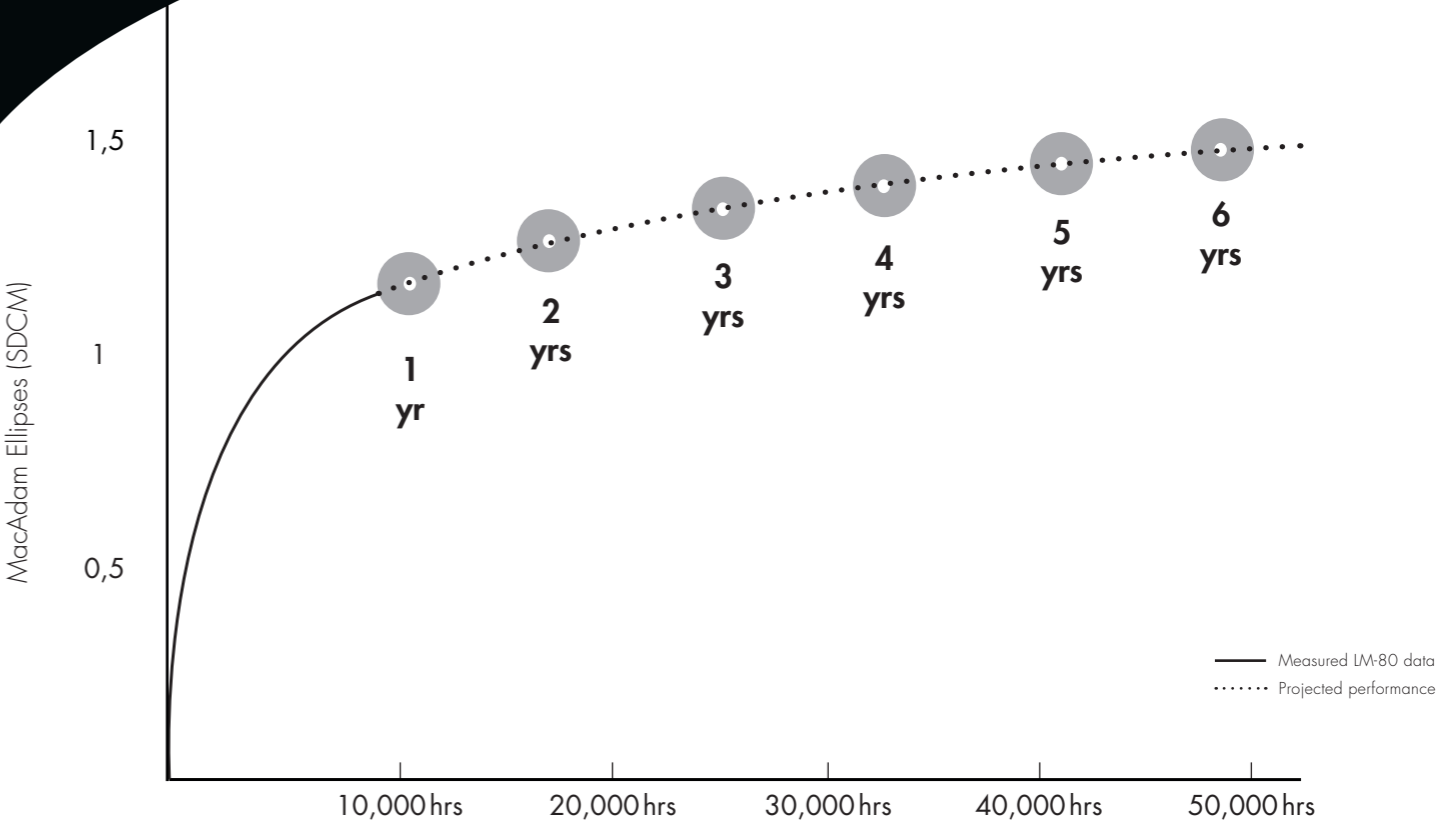
\*L95 of 55,000 hours is a reported value of TM-21 based on LM-80 Testing.

# Unbeatable Colour Stability Over Time

Colour consistency  
within 2 SDCM  
over six years

## Guaranteed Colour Stability

- No visible colour shift over six years
- Colour consistency within 2 SDCM
- Independently tested for over 10,000 hours





Gowling Offices, Montreal, QC, Canada  
Lighting Design: Imperatori Design



Business space, Montreal, QC, Canada  
Architects: Aedifica





ARTM Office, Montreal, QC, Canada  
Architects: Ædifica



GMAD Office, Montreal, QC, Canada  
Architects: GMAD - Groupe Marchand Architecture Design Inc.





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