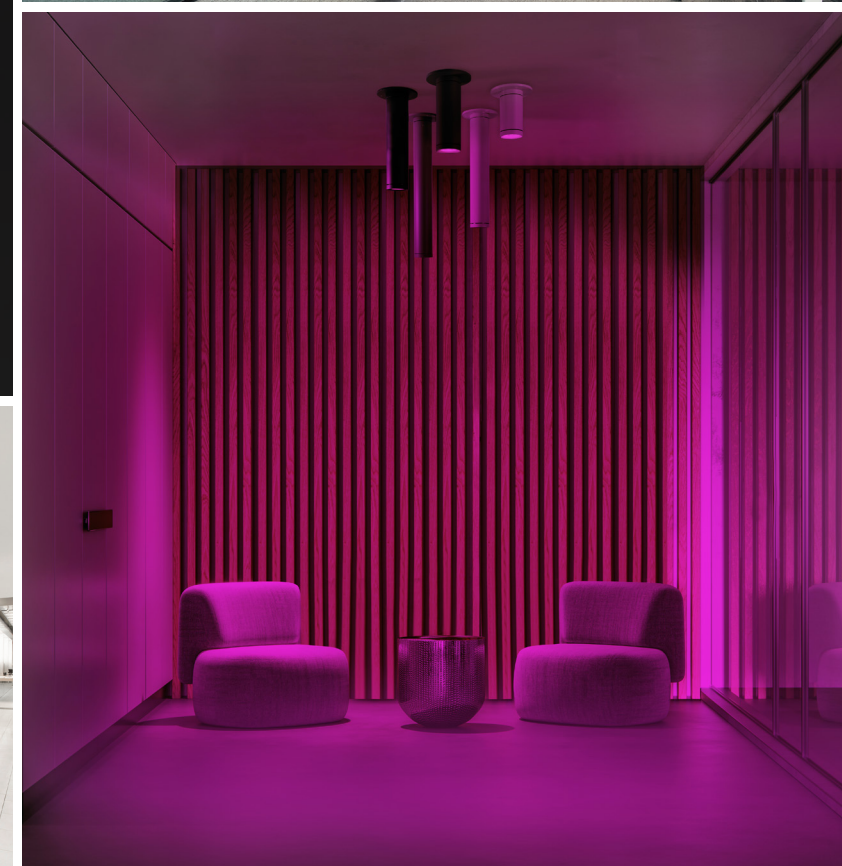


lumencore
Point Source Solutions

Lumenpulse specializes 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





Family Approach

- Our designs are modeled 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 63,952 cd

Ease of Installation

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

Sustainable Design

- No visible color 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 0-10V, DALI, DMX/RDM or Lutron® EcoSystem® as wired control options
- Lumentalk – Digital control over power line – no rewiring required

Dynamic Solutions

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

Product Index



Lumencore Short Cylinders 6"- 9" and Cylinders Pendant 13" - 18" - 23" (cable, stem and track)



Lumencore Short Cylinder Nano Pendant



Lumencore Short Cylinder Small Pendant



Lumencore Cylinder Nano Pendant



Lumencore Cylinder Small Pendant



Lumencore Cylinder Medium Pendant



Lumencore Cylinder Large Pendant



Lumencore Short Cylinder Nano Pendant Opticolor+



Lumencore Short Cylinder Small Pendant Opticolor+



Lumencore Cylinder Nano Pendant Opticolor+

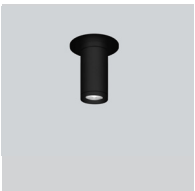


Lumencore Cylinder Small Pendant Opticolor+



Lumencore Cylinder Medium Pendant Opticolor+

Lumencore Short Cylinders and Cylinders Surface Mount



Lumencore Short Cylinder Nano Surface Mount



Lumencore Short Cylinder Small Surface Mount



Lumencore Cylinder Nano Surface Mount



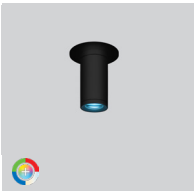
Lumencore Cylinder Small Surface Mount



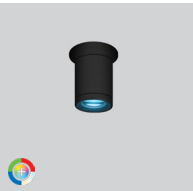
Lumencore Cylinder Medium Surface Mount



Lumencore Cylinder Large Surface Mount



Lumencore Short Cylinder Nano Surface Mount Opticolor+



Lumencore Short Cylinder Small Surface Mount Opticolor+



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



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

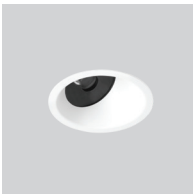


Lumencore Recessed Small Pinhole


Lumencore Recessed Discreet




Lumencore Recessed Discreet Nano



Lumencore Recessed Discreet Nano Tilt

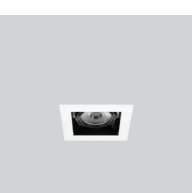


Lumencore Recessed Discreet Medium

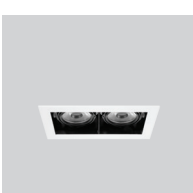


Lumencore Recessed Discreet Medium Tilt


Lumencore Recessed Multi



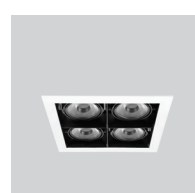
Lumencore Recessed Multi 1



Lumencore Recessed Multi 2



Lumencore Recessed Multi 3



Lumencore Recessed Multi 4

Lumencore Recessed Large



Lumencore Recessed Clear Large


Lumencore Recessed Spot




Lumencore Recessed Nio Decorative

Lumencore Tracks and Accessories


Lumencore Track M Series



Lumencore Track M2 Spot



Lumencore Track M3 Spot



Lumencore Track M4 Spot

Lumencore Track Spot



Lumencore Track Small Spot




Lumencore Track Large Spot

Lumencore Tracks and Accessories



Lumencore Track Single Circuit System



Lumencore Track Double Circuit System



Lumencore Track Monopoint Accessory

A Crayon Box of Options

A vast crayon box of optics, colors, 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.

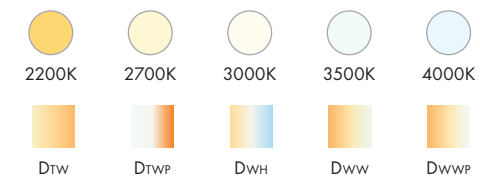
Sizes



Outputs

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

Color temperatures



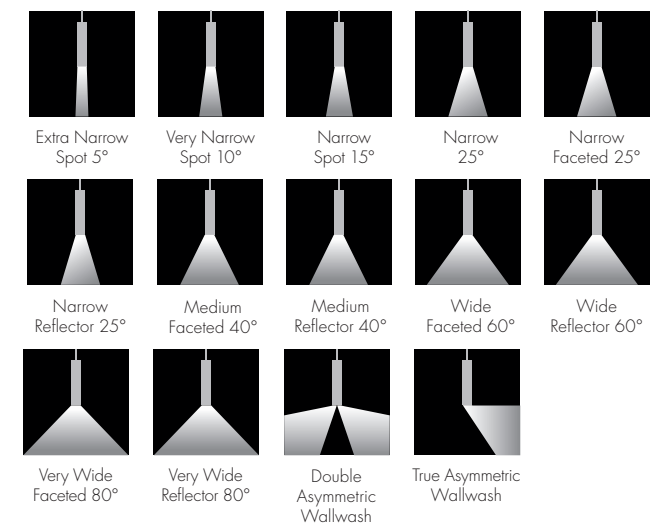
Color rendering options

80+ | 90+ | 95+

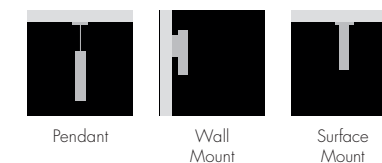
Control options

- On/Off Control
- DAMC, 0-10V 1%, or Pro 0-10V 0.1% (linear or logarithmic)
- Phase Dimming
- Phase Dimming 1%
- Lutron® Hi-Lume Premier 0.1% EscoSystem® PEQO Soft-on/Fade-to-Black
- DALI 1% or Pro DALI 0.1% (linear or logarithmic)
- DALI-2 Type 8
- DMX/RDM
- **lumen talk**

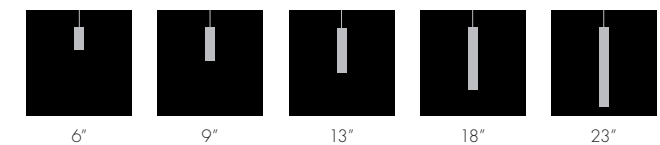
Optics



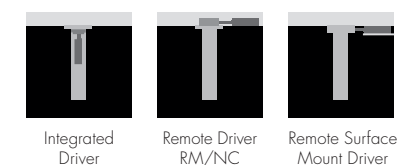
Mountings



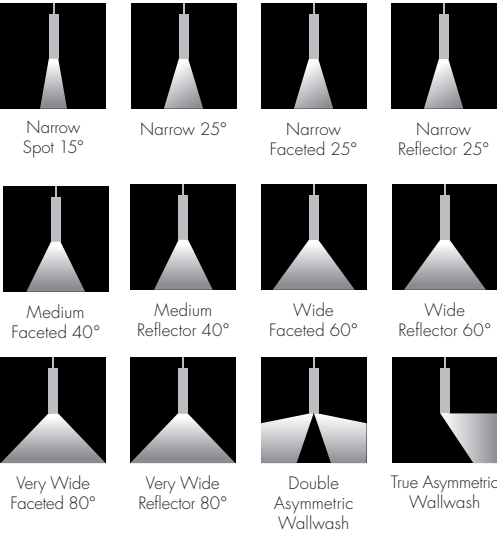
Length



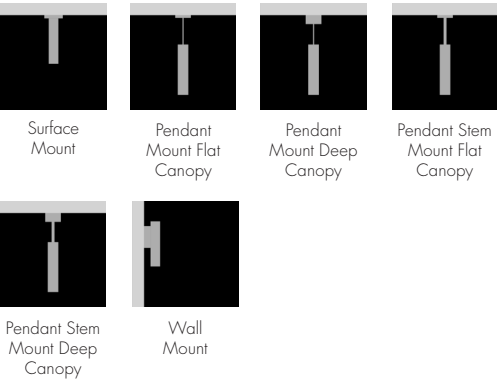
Installation



Optics



Mountings



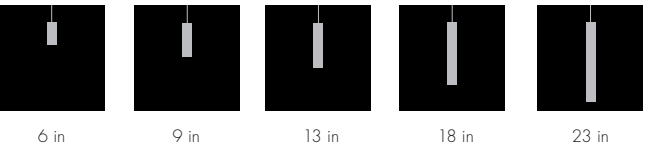
Finishes



Sizes



Lengths



Color Temperature



Color Rendering Option

A range of CRIs up to 95+

Outputs

700lm | 1000lm | 1300lm | 2000lm

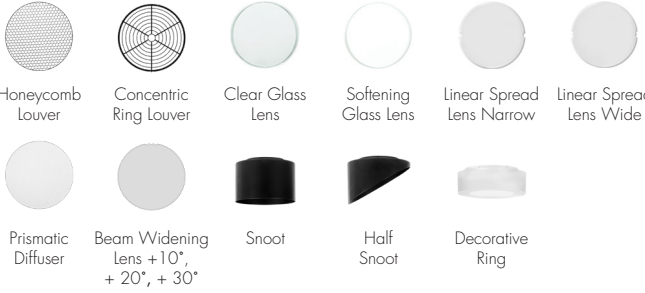
Installation Types

- **RM** Remodel Non-Insulated Ceiling
- **NC** New Construction Non-Insulated Ceiling
- **SMD** Surface Mount Driver

Control Option

DMX/RDM

Lenses & Accessories



Certifications*



* To see CE certified product options, refer to Lumenpulse website, and change region setting to Europe.



lumencore
Cylinders Opticolor+™

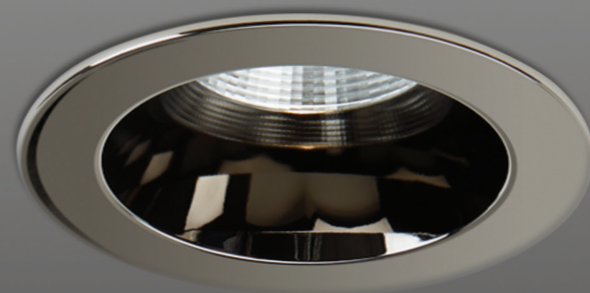
Transform your lighting projects with Opticolor+, the revolutionary technology that redefines what a luminaire can achieve. Designed to address common challenges in RGBW lighting, Opticolor+ offers unparalleled performance and flexibility, making it the perfect choice for both dynamic and high-quality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



* See website for valid configurations.



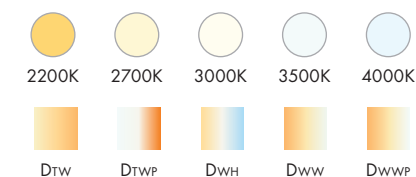
Sizes



Outputs

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

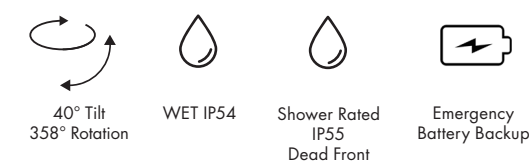
Color temperatures



Color rendering options

80+ | 90+ | 95+

Options

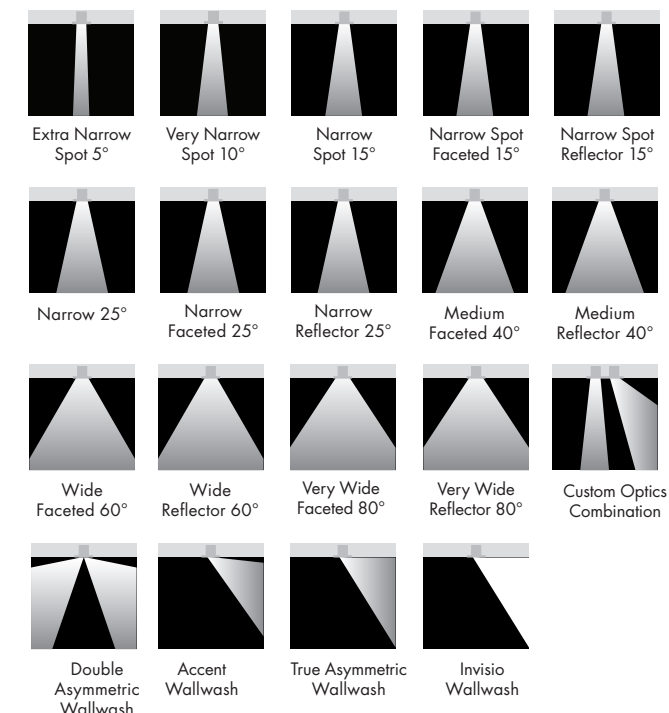


Control options

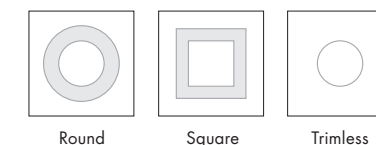
- On/Off Control
- DAMC, 0-10V 1%, or Pro 0-10V 0.1% (linear or logarithmic)
- Phase Dimming
- Phase Dimming 1%
- Pro Phase ERP PHB Series
- Lutron® Hi-lume Premier 0.1% EscoSystem® PEQ0 Softon/Fade-to-Black
- Lutron® Vive
- nLight® nLight® Emergency
- DALI 1% or Pro DALI 0.1% (linear or logarithmic)
- DALI-2 Type 8
- DMX/RDM
- lumen talk

NOTE: Some exceptions, consult Specification Sheets for details.

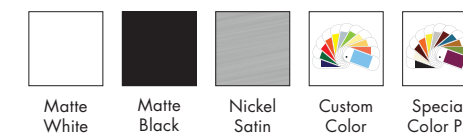
Optics



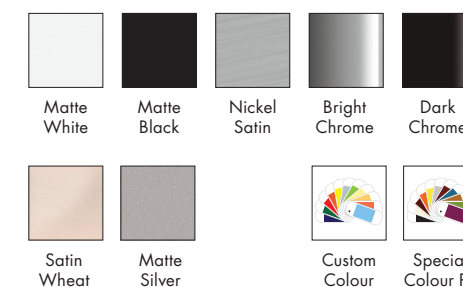
Trim shapes



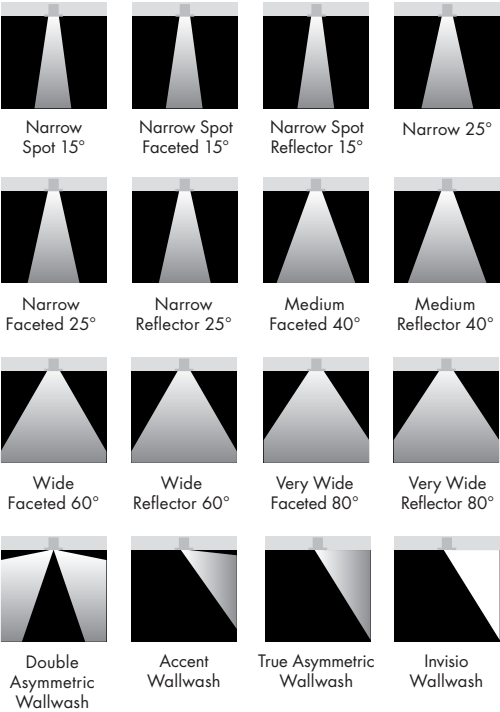
Trim colors



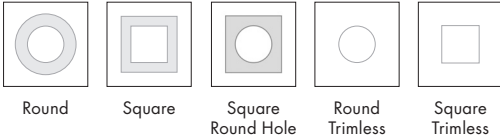
Bezel colors



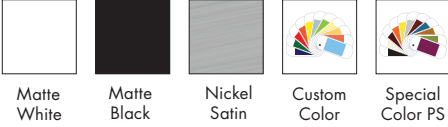
Optics



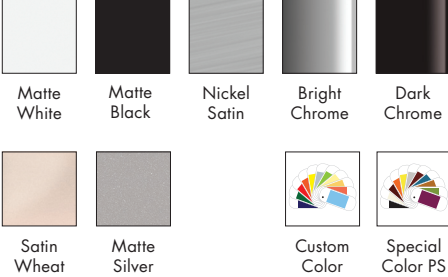
Trim Shapes



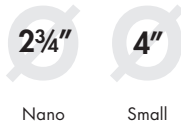
Trim Colors



Bezel Colors



Sizes



Color & Color Temperature



Color Rendering Option

A range of CRI's up to 95+

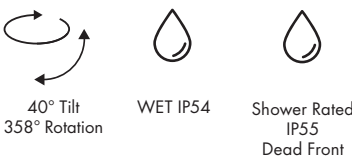
Outputs

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)

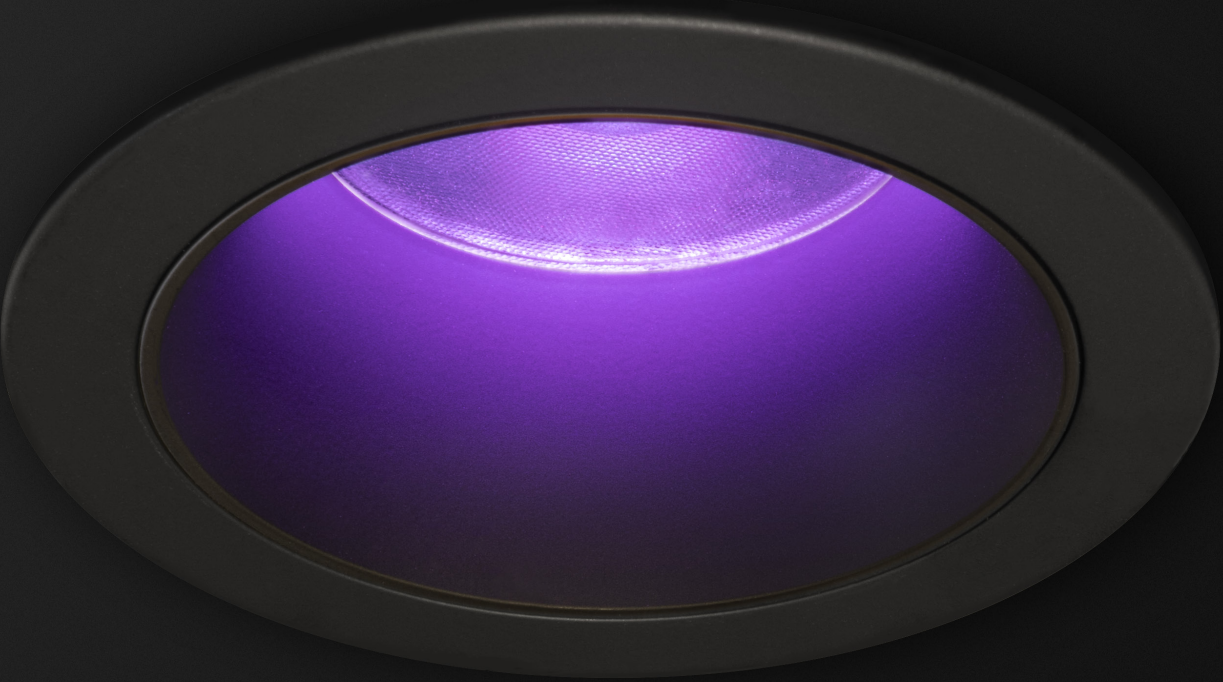
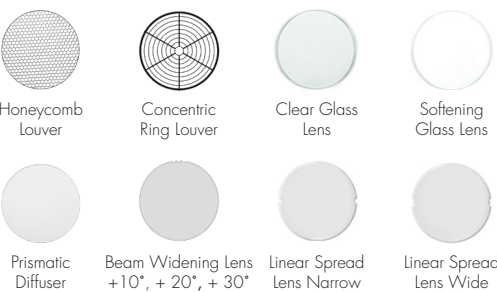
Options



Control Option

DMX/RDM

Lenses & Accessories



Unbelievable Versatility

Lumenpulse's Lumencore Recessed Opticor+ 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.



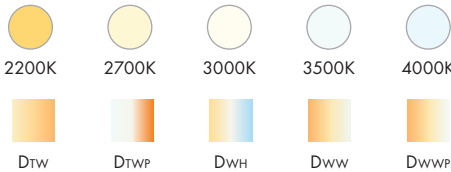
Right on Track

Whatever the application, Lumencore Track fixtures bring displays, shelves, offices and architecture alive. Whether it's an Egyptian mummy in a museum, or the only needle ever found in a haystack, there's an optic narrow or wide enough to bring a crowd.

Outputs

700lm | 1000lm | 1300lm | 2000lm
3000lm | 4000lm | 4500lm | 5000lm | 6000lm

Color temperatures



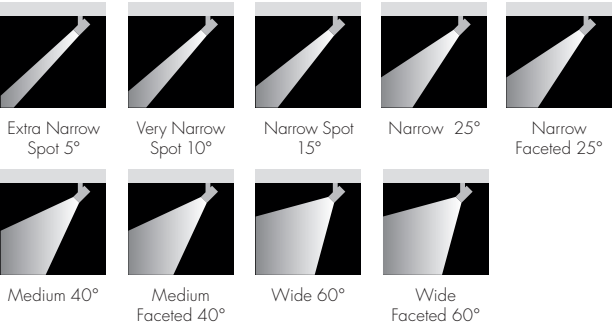
Color rendering options

80+ | 90+ | 95+

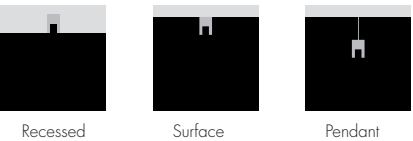
Control options

- On/Off Control
- Phase Dimming
- **lumen**talk

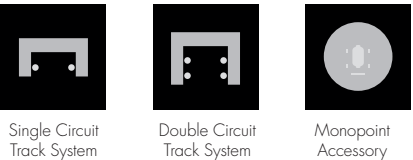
Optiques

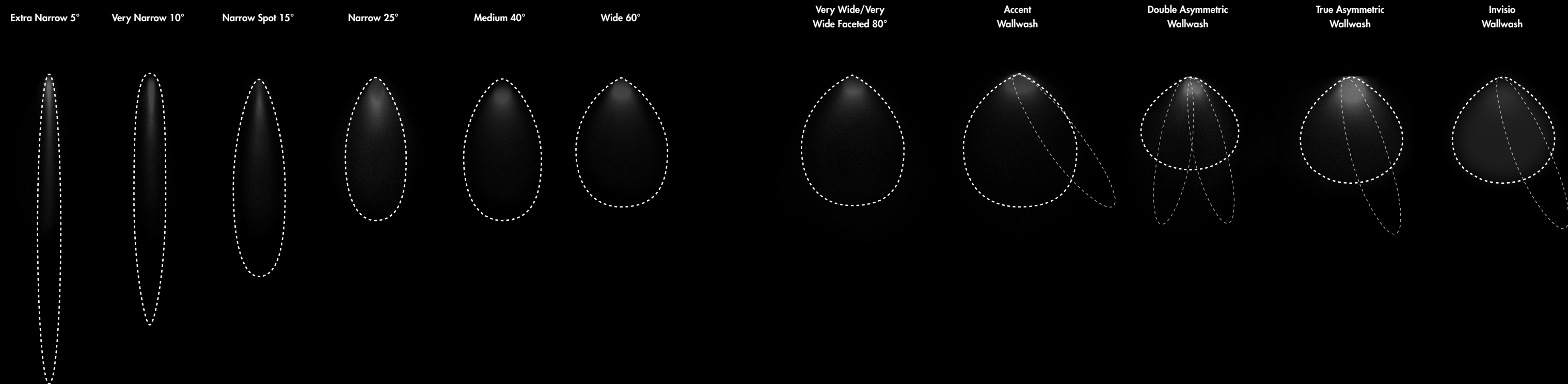


Mounting



Tracks and accessory





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, Cylinders, and Track 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 color.

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



Faceted Reflector

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



Semi-Specular Reflector

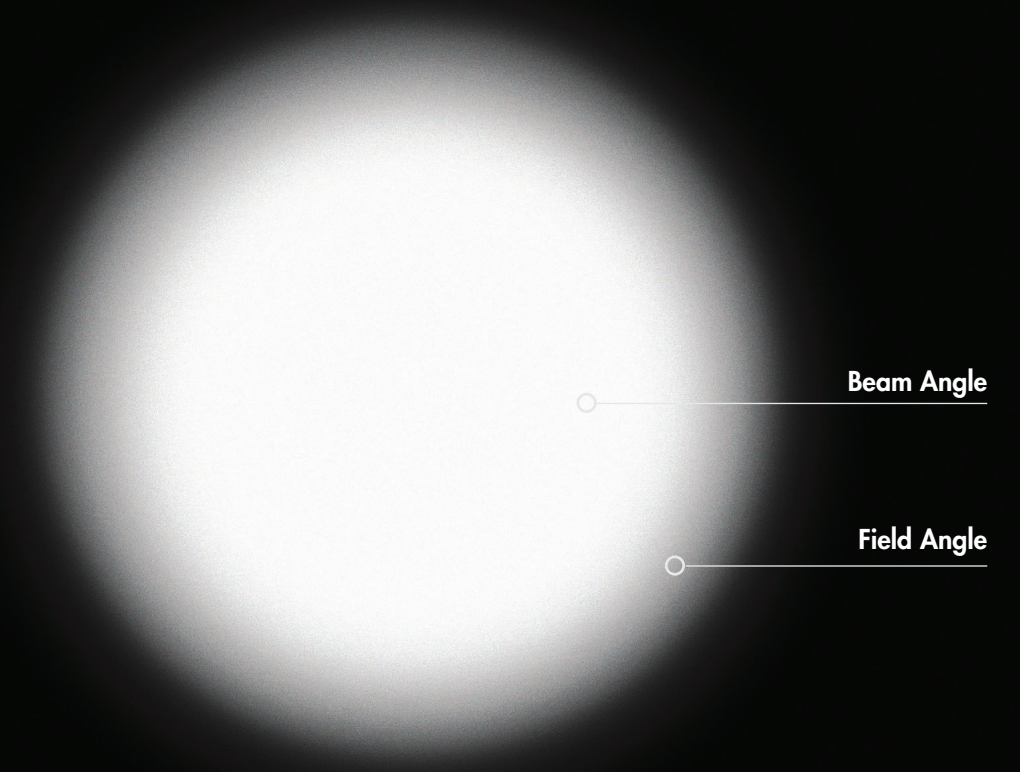
- ✓ Perfect for general lighting
- ✓ Soft transition between beam and field angle
- ✓ Great for wider beam angles

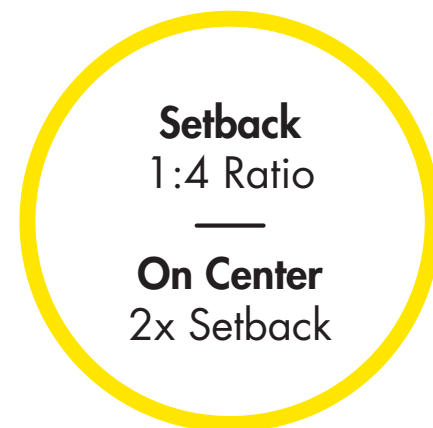
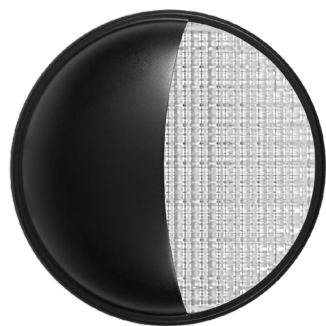
Know Your Angles

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

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 3:1 max./min.
- Generous spacing between luminaires
- Available in smaller sizes, 2 3/4" and 4" diameters

*Not available for Lumencore Track



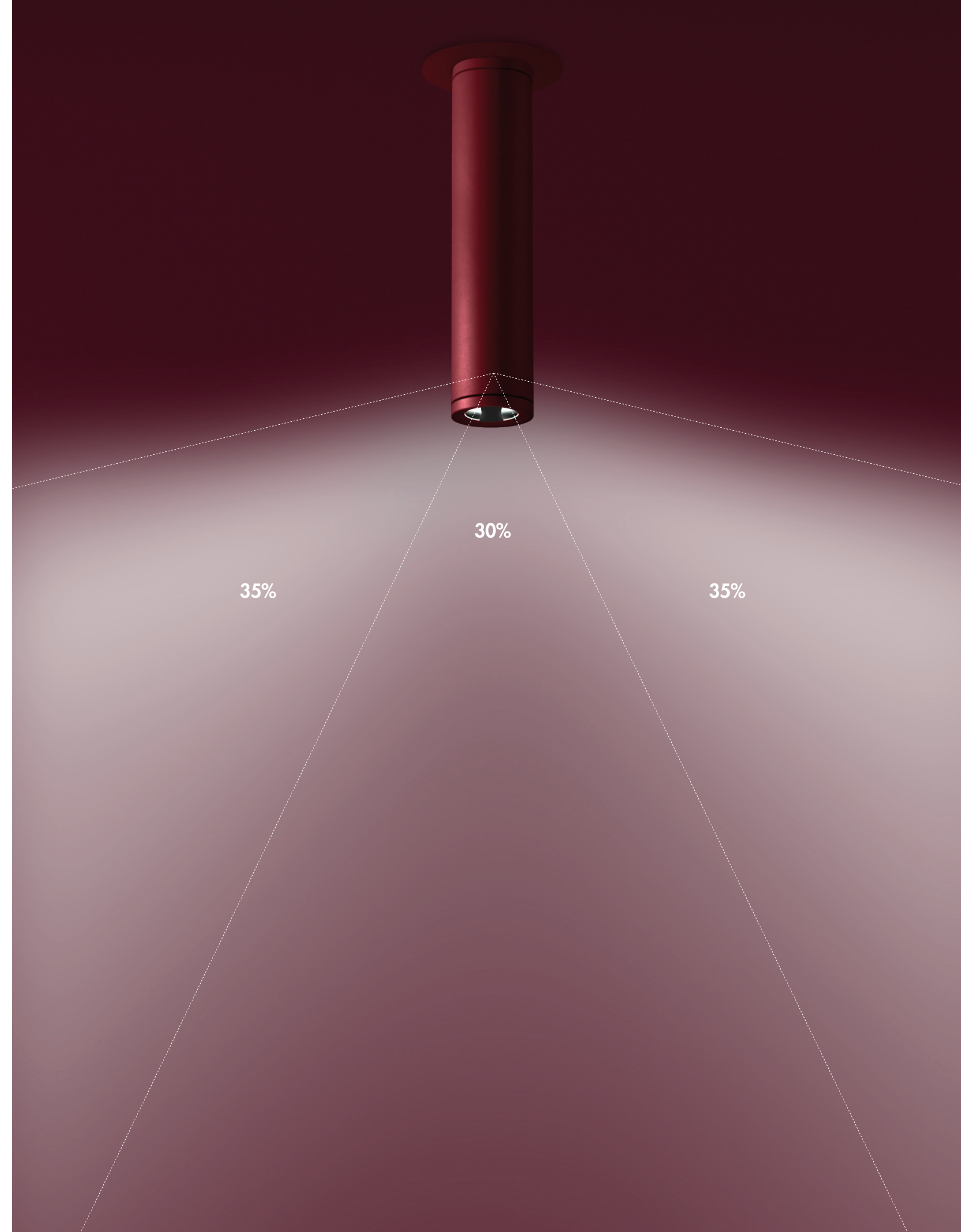
Double Asymmetric Assembly*

Double Asymmetric

Balanced Light. Double the Impact.

- Illuminates facing walls and floor simultaneously
- Ideal for corridors and passageways
- Available in 2 3/4" and 4" diameters
- Adds dynamic mood-setting with Opticolor+

*Not available for Lumencore Track



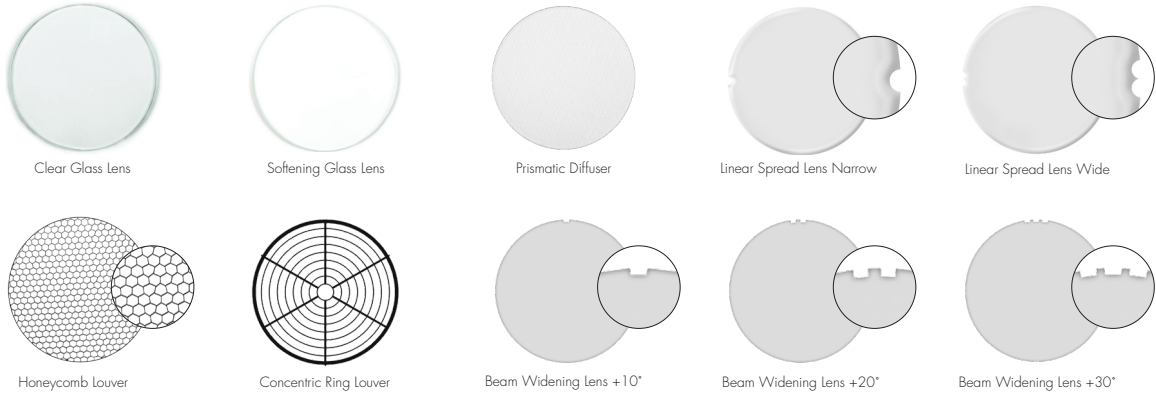


Field-Changeable Optics and Accessories

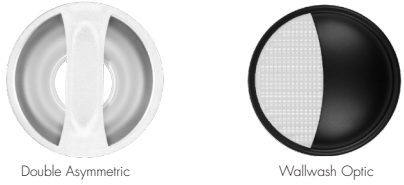
Lumencore Cylinders, Lumencore Track and many of our Lumencore Recessed can change face whenever you like. Accessories can easily be swapped wherever you've mounted your luminaire. When projects are suddenly modified, you can instantly adapt.

Field-Changeable Lenses, Optics and Accessories

Available for Lumencore Recessed, Lumencore Cylinders, and Lumencore Track



Available for Lumencore Recessed and, Lumencore Cylinders



Available for Lumencore Recessed



Available for Lumencore Cylinders



Available for Lumencore Recessed Multi



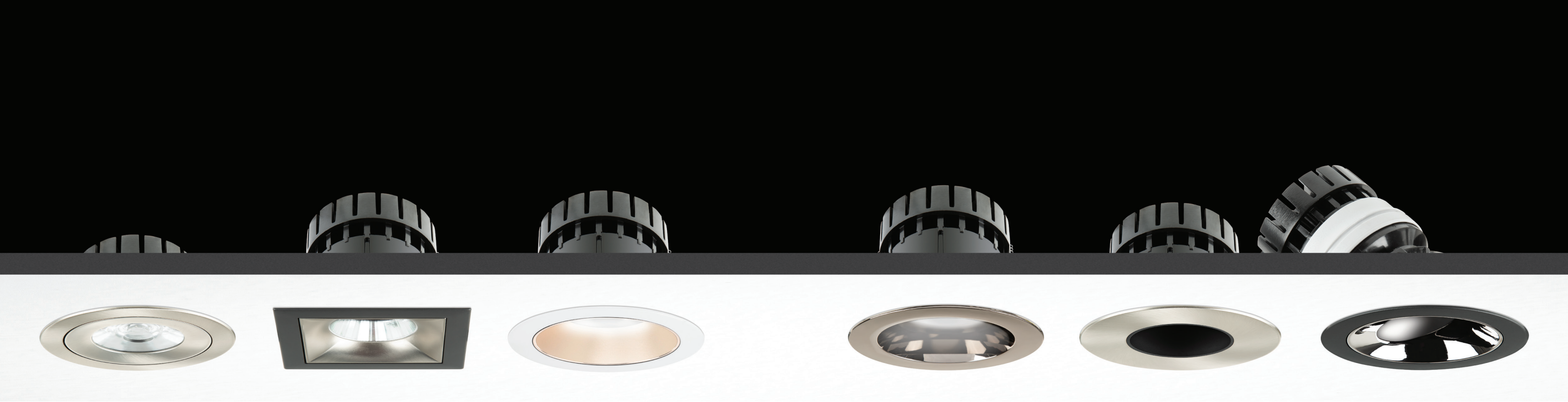
Available for Lumencore Track M Series Spots and Lumencore Recessed Nio Decorative



Available for Lumencore Track Large Spot



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 colors, snoots, optics and much more can be swapped to meet design changes quickly in the field.



1 Remove the magnetic trim.



2 Unclip the Lumencore from its ceiling mount.



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.



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

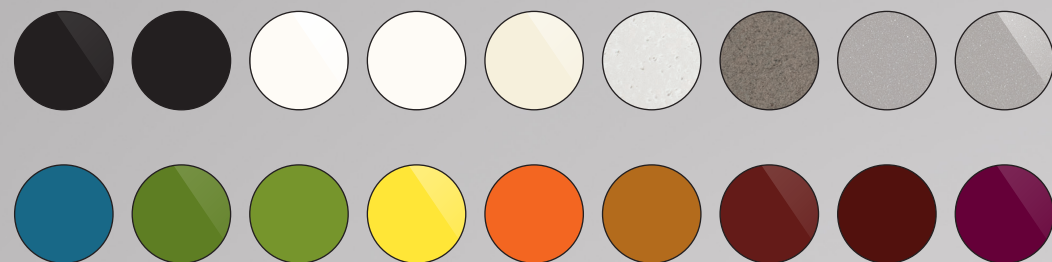
The Lumencore Cylinder key helps keep others out while allowing you to change accessories and optics wherever your luminaires may be.





Finishes

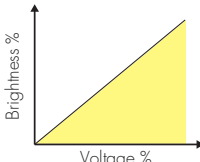


Let the Lumenpulse Lumencore sing backup to your room's decor, or have them vibrantly singing lead in contrasting colors. Mix and match the decorative bezel color to that of the body. Available in 18 color options, in both matte and glossy finishes, as well as custom colors.





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 and track installations.

Available dimming curves			On/Off Control
<div>Linear dimming</div> <div>Smooth dimming suitable for all lighting applications.</div> <div></div>	Phase Dimming	Phase Dimming 1%	Pro Phase Dimming ERP PHB Series
	0-10V 1%	PRO 0-10V 0.1%	
	DALI 1%	Pro DALI 0.1%	
			Lutron® Ecosystem® Premier 0.1% Soft-on/Fade-to-Black
<div>Logarithmic dimming</div> <div>Provides more precise control at lower light levels. Ideal for applications such as restaurants, theaters, bars, and hotels.</div> <div></div>	DALI 1%	DALI-2 Type 8	Pro DALI 0.1%
	0-10V 1%	PRO 0-10V 0.1%	
			

NOTE: Some exceptions, consult specification sheets for details.



Premium White



Dynamic Whites



Dynamic RGBW



The Ultimate Three-In-One Solution

- **Vivid Color Output**
Experience bold, saturated colors powered by Optidrive™ technology.
- **Uniform Consistency**
Maintain flawless color matching across fixtures with intelligent color management.
- **Brilliant White Light**
Maximize 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 Color Temperatures
- High Outputs (Over 1600 lm delivered, white channel only)



Dynamic Whites

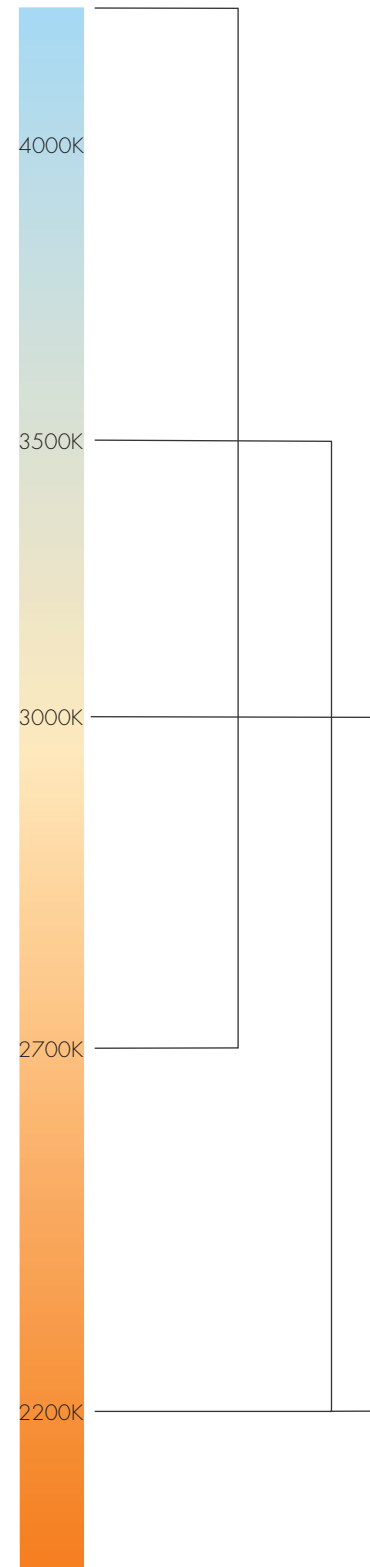
- User-Defined Warm Dimming
- Tunable Between 2200K and 6500K



Dynamic RGBW

- Vibrant, Rich Colors and Saturation
- High Color 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.



2200K — 3500K

Dynamic Warm White Plus

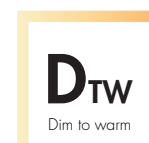
allows for variations at the warmer end of the spectrum without any loss in the luminaire's output or intensity.



3500K — 1800K

Dim to Warm Plus

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



2700K — 2200K

Dim to Warm

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



2200K — 3000K

Dynamic Warm White

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

1800K

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

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.



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.



3500K — 1800K

Dim to Warm Plus

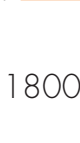
reduces a luminaire's color temperature when dimming, allowing for smooth variations in warm white light.



2700K — 2200K

Dim to Warm

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



2200K — 3000K

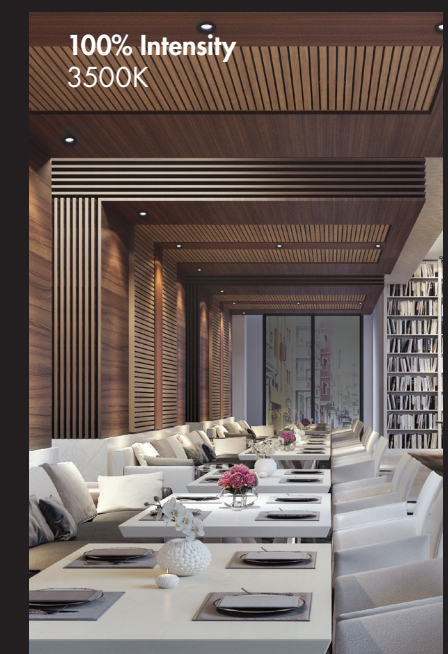
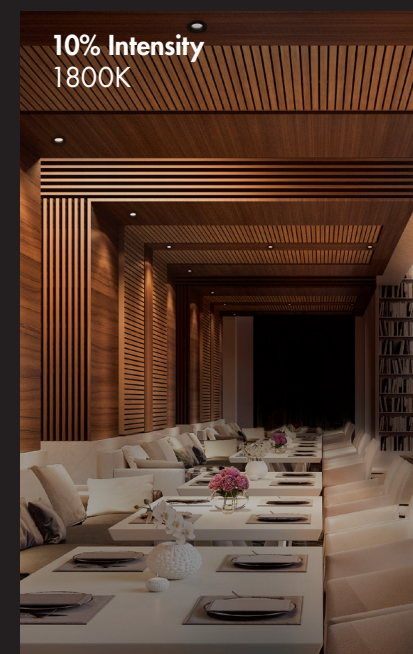
Dynamic Warm White

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

1800K

1 channel (Dtw - Dtwp)
Compatible with 0-10V,
DMX/RDM, Lumentalk, and SDAI.

Ambience at your Fingertips



Lumentalk

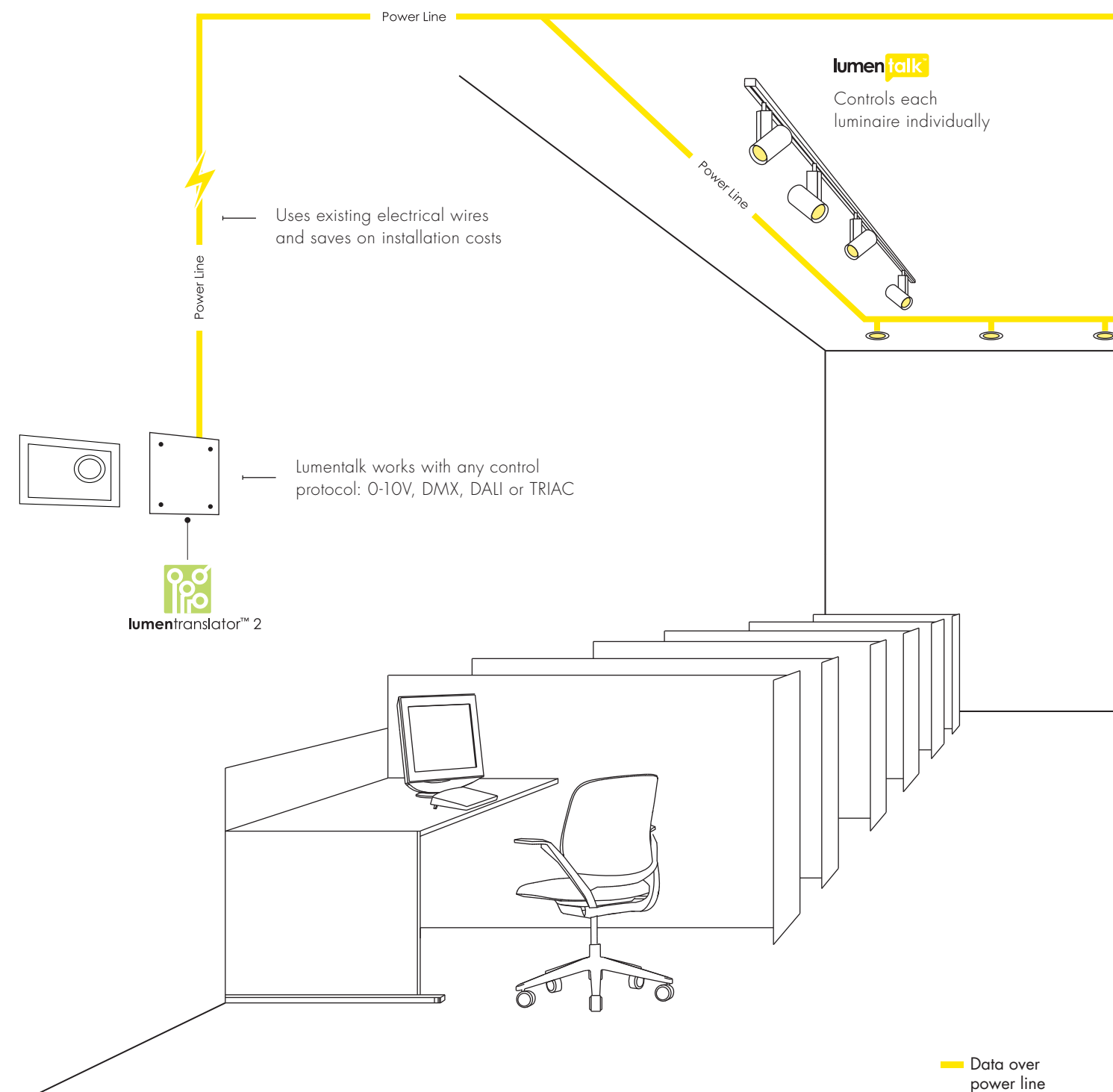
Lumentalk technology is available for Lumenpulse Lumencore Recessed, Track, and Cylinders. Lumentalk uses AC power lines as a digital control network, allowing easy, networkable LED lighting systems, with no re-wiring required.

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

The technology is:

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

NOTE: Some exceptions, consult specification sheets for details.

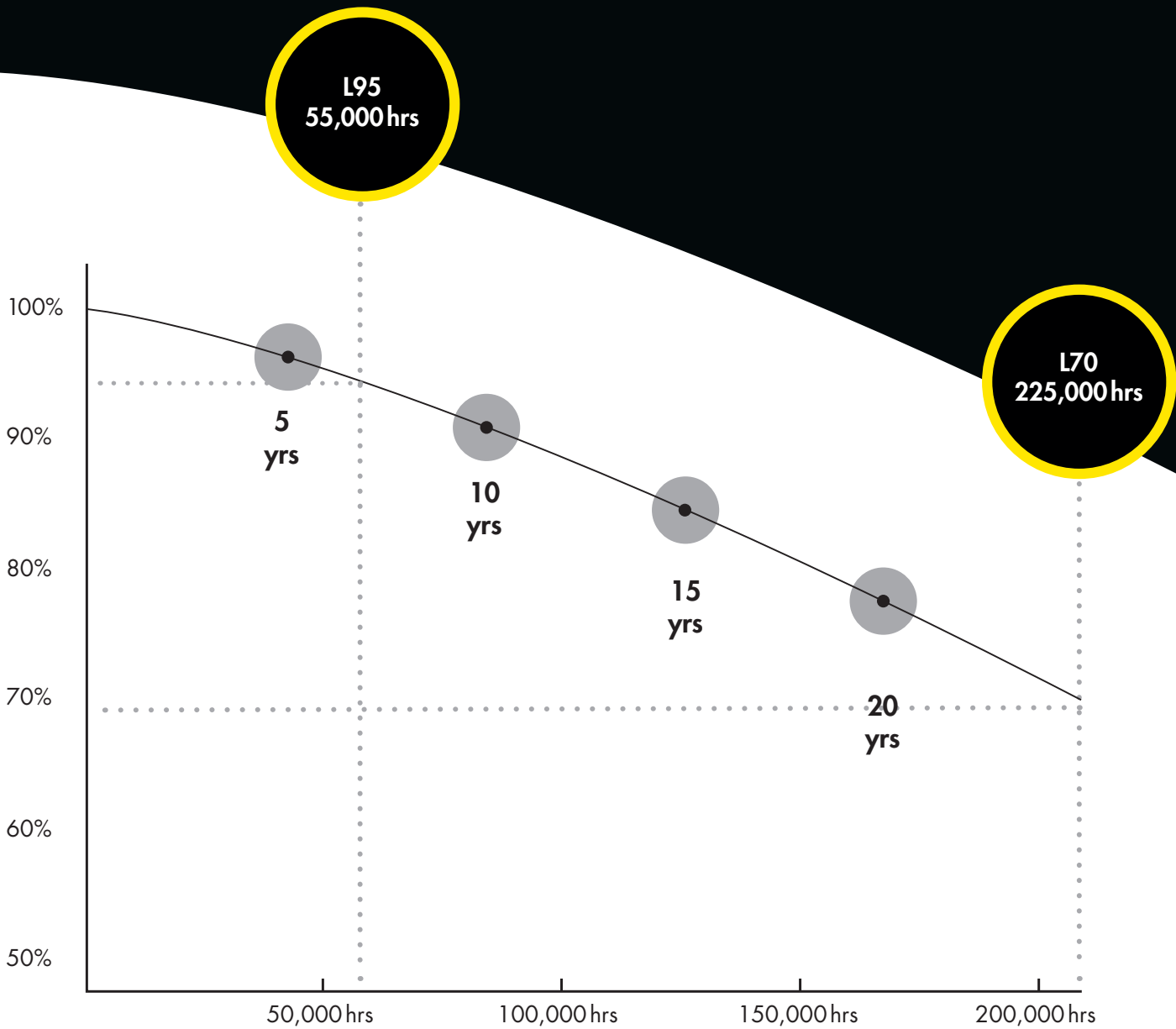


Less Than 5% Light Loss After Six Years

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.



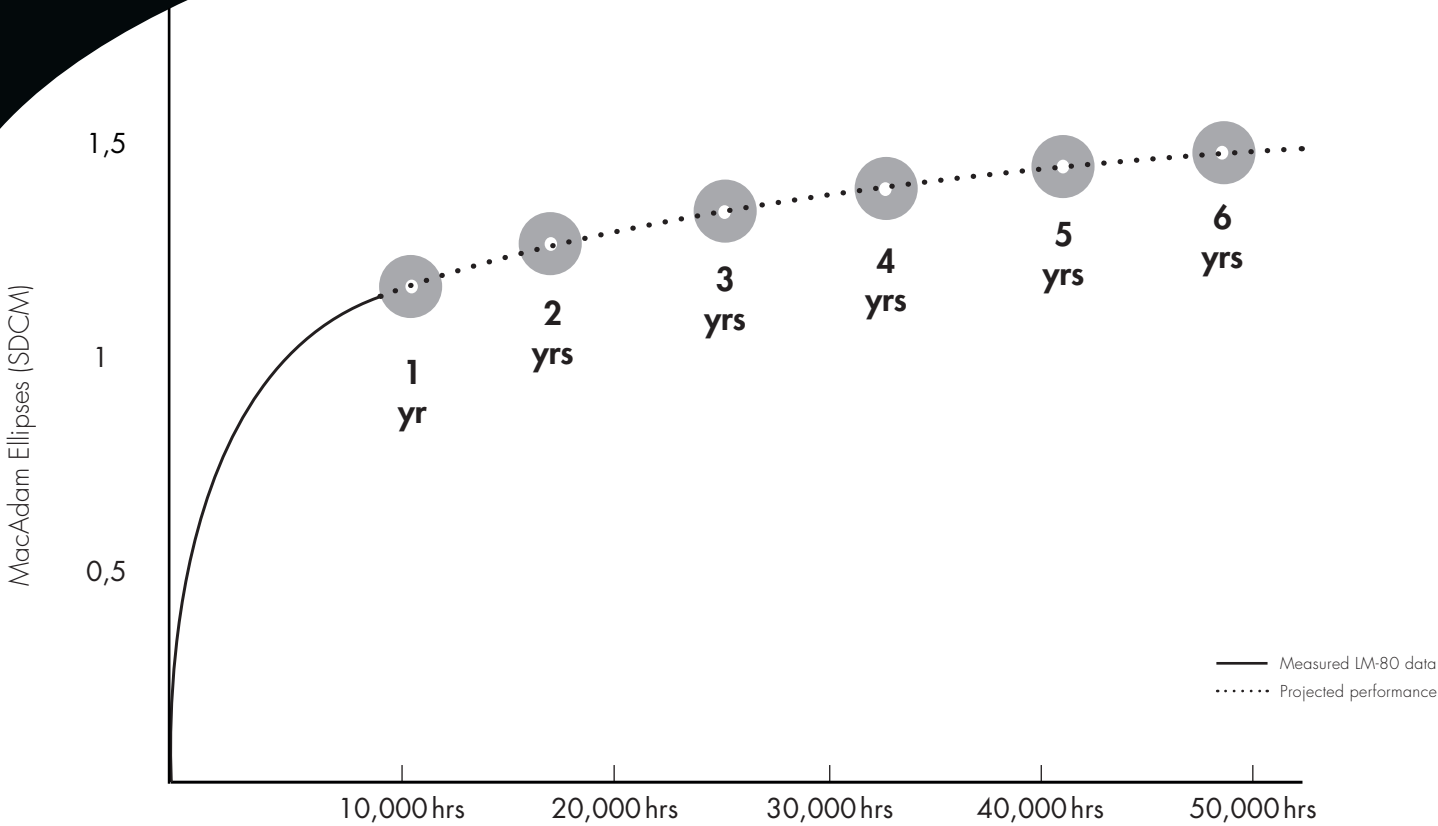
*L95 of 55,000 hours is a reported value of TM-21 based on LM-80 Testing.

Unbeatable Color Stability Over Time

Color consistency
within 2 SDCM
over six years

Guaranteed Color Stability

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





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



Bang and Olufsen, Helsinki, Finland
Lighting Design: DECOLight OY



Place Ste-Foy Food court, Quebec City, QC, Canada
Lighting design: Ombrages



ARTM Office, Montreal, QC, Canada
Architects: Aédifica





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





Délices Érable & Cie, Montreal, QC, Canada
Architect: Provencher Roy



LoLé, Montreal, QC, Canada
Lighting Design: CS Design



Porsche, Belfast, Northern Ireland
Photographer: Lloyd Crawford



Pandora, Hereford, United Kingdom
Lighting Design: Pandora HQ, Denmark



Birks, Laval, QC, Canada
Architects: Ædifica



Jewish Museum and Tolerance Center
Lighting Design: GPD S.A

At the Jewish Museum in Moscow, Russia, lighting designers GPD S.A. used Lumencore Track Large Spot luminaires to create a versatile, long-lasting lighting scheme that can be adapted for new exhibits.





Let Lumencore get you
ahead with our
EZ Ship Program.

Spec Grade at the Speed of Light

Shipped Within
10
Business Days

Choose your Lumencore Recessed and Cylinders luminaires along with a number of options and features from the EZ Ship catalog, all available to ship within ten business days.

Shipped Within
5
Business Days

To keep your project and team on schedule, Lumencore Recessed Ceiling Mounting Kits can be requested for advanced shipping, leaving the factory in 5 business days.



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