



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 and Lumencore Cylinders

// 6" - 9"

// 13" - 18" - 23"

Lumencore Short Cylinders and Cylinders Pendant (cable, stem, and track*)



Lumencore Short Cylinder
Nano Pendant



Lumencore Short Cylinder
Small Pendant



Lumencore Cylinder
Nano Pendant



Lumencore Cylinder
Small Pendant

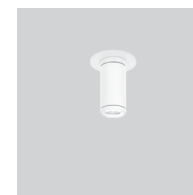


Lumencore Cylinder
Medium Pendant

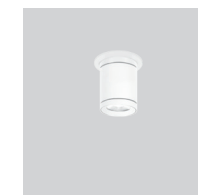


Lumencore Cylinder
Large Pendant

Lumencore Short 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 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 Recessed

Lumencore Recessed Nano



Lumencore Recessed Small



Lumencore Recessed Opticolor+

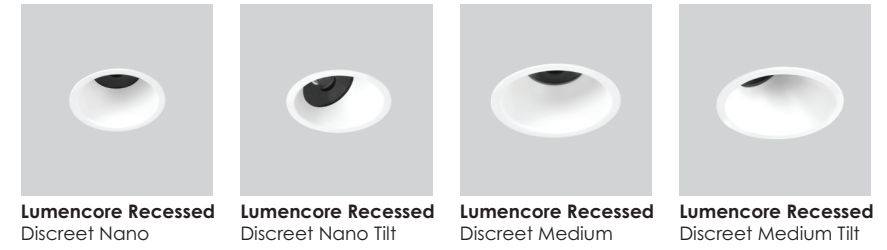
Lumencore Recessed Nano



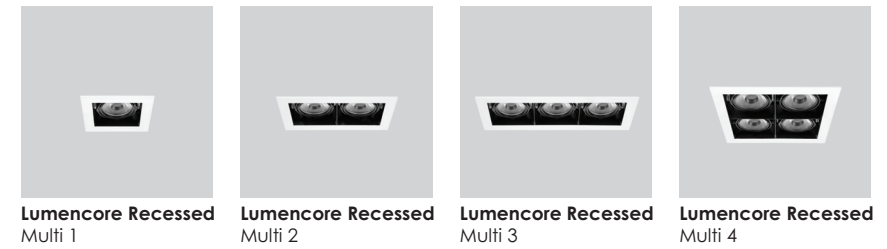
Lumencore Recessed Small



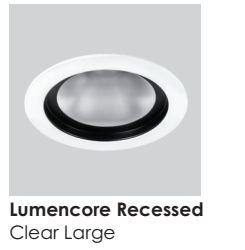
Lumencore Recessed Discreet



Lumencore Recessed Multi



Lumencore Recessed Large

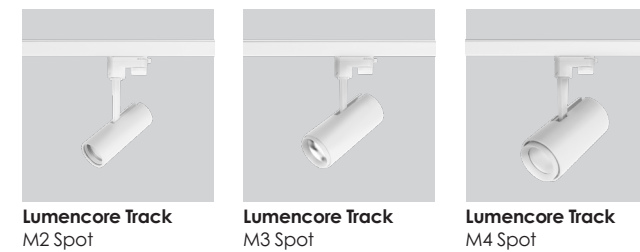


Lumencore Recessed Spot



Lumencore Tracks and Accessories

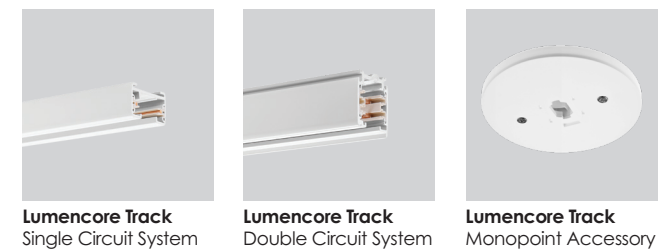
Lumencore Track M Series

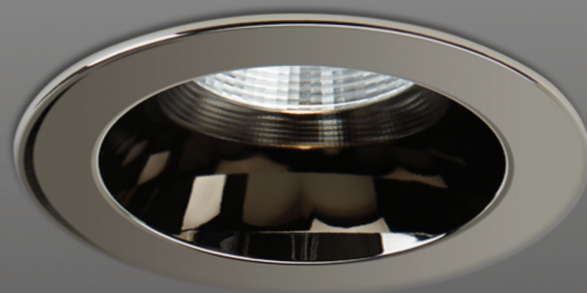


Lumencore Track Spot



Lumencore Tracks and Accessories





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.

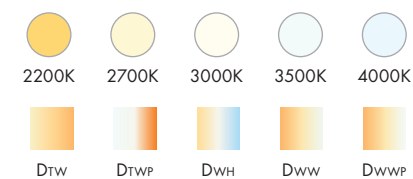
Sizes



Outputs

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

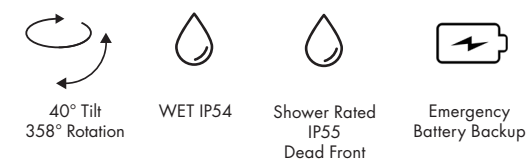
Color temperatures



Color rendering options

80+ | 90+ | 95+

Options

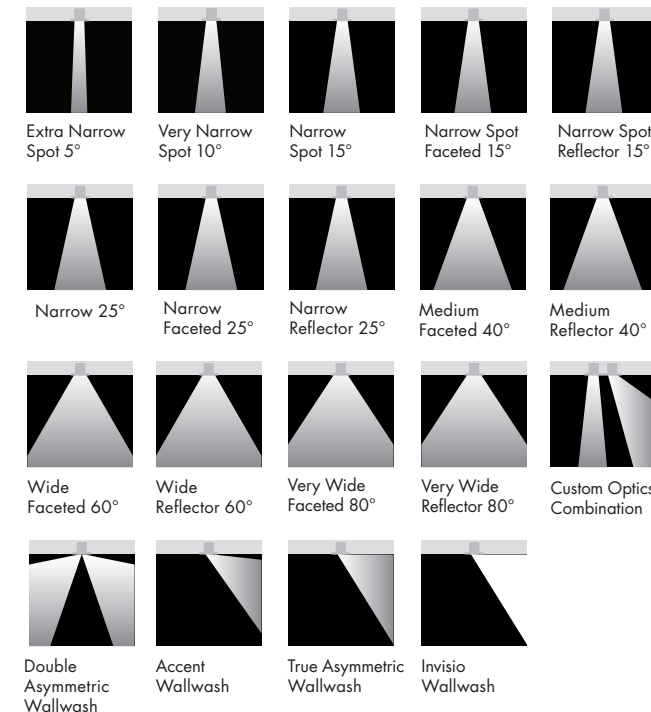


Control options

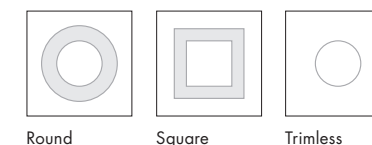
- On/Off Control
- DAMC, 0-10V 1%, or Pro 0-10V 0.1% (linear or logarithmic)
- Phase Dimming
- Phase Dimming 1%
- Pro Phase ERP PHB Series
- Lutron® Hi-lume Premier 0.1%
EscoSystem® PEQ0 Soft-on/Fade-to-Black
- Lutron® Vive
- nLight® nLight® Emergency
- DALI 1% or Pro DALI 0.1% (linear or logarithmic)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

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

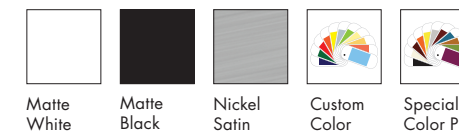
Optics



Trim shapes



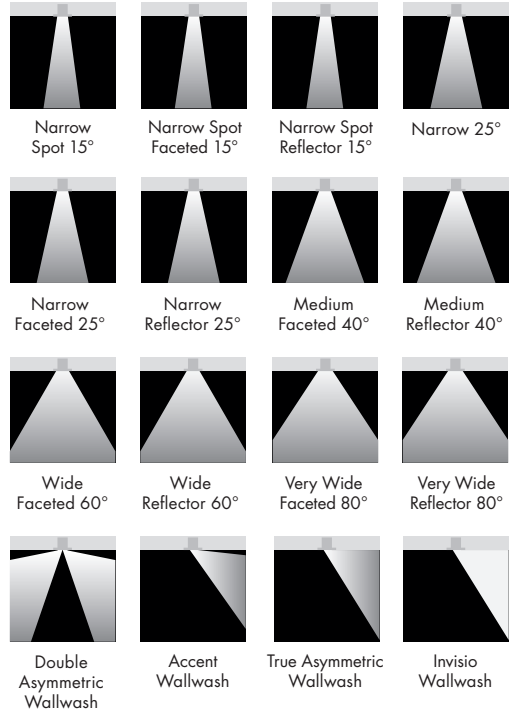
Trim colors



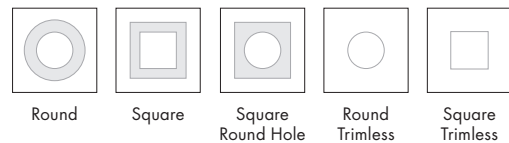
Bezel colors



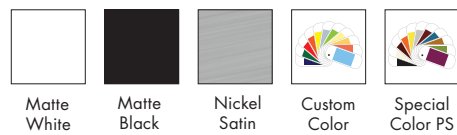
Optics



Trim Shapes



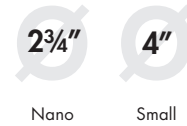
Trim Colors



Bezel Colors



Sizes



Color & Color Temperature



Color Rendering Option

A range of CRIs up to 95+

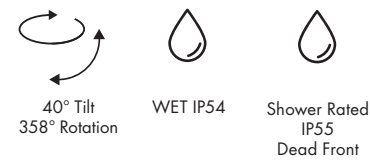
Outputs

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)

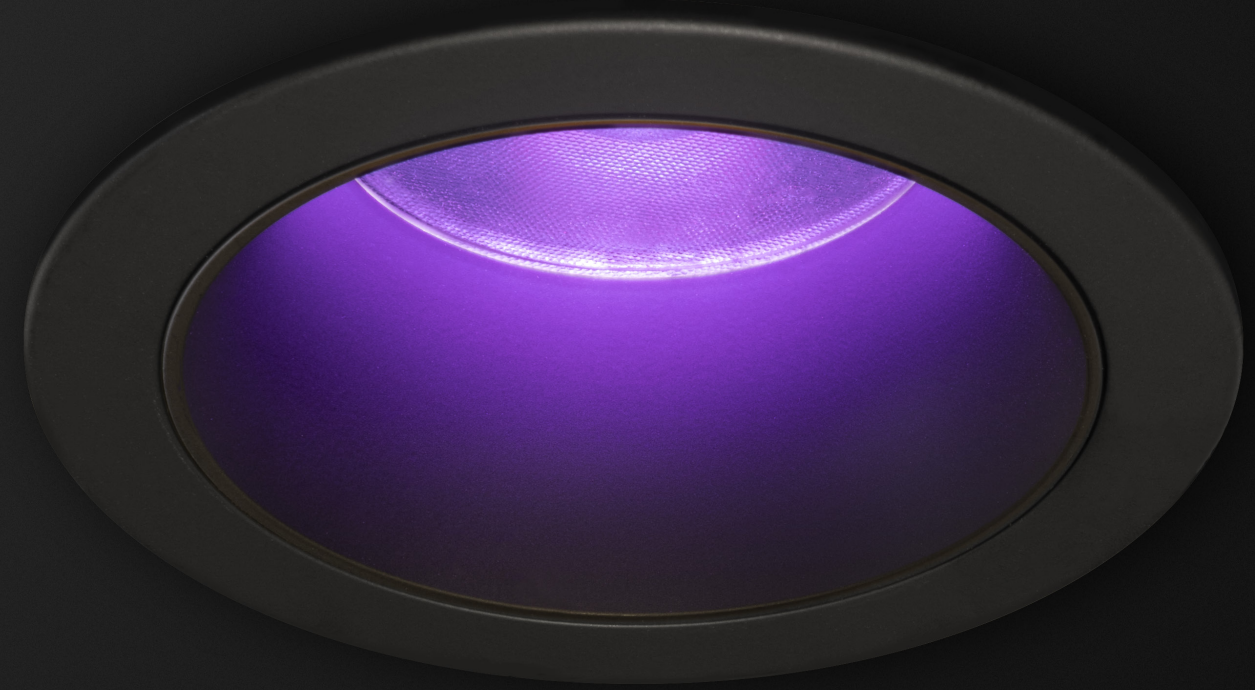
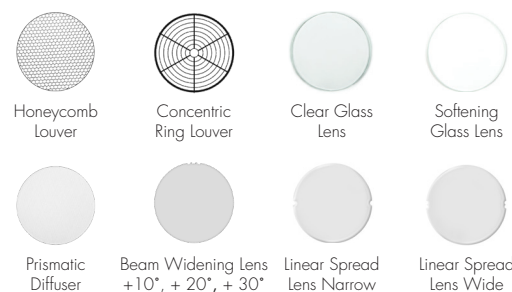
Options



Control Option

DMX/RDM

Lenses & Accessories



Unbelievable Versatility

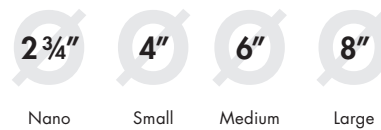
Lumenpulse's Lumencore Recessed Opticolor+ offers versatile design options with various shapes, finishes, and reflectors to suit any architectural style. This adaptability allows seamless integration into diverse environments, from modern interiors to traditional spaces.



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.

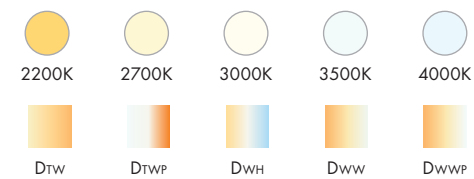
Sizes



Outputs

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

Color temperatures



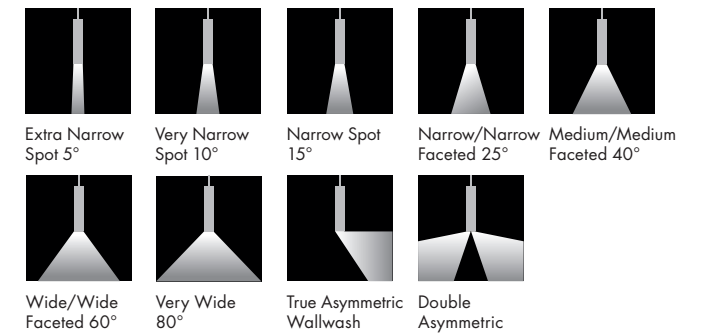
Color rendering options

80+ | 90+ | 95+

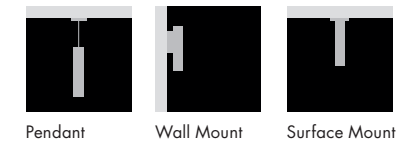
Control options

- 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**

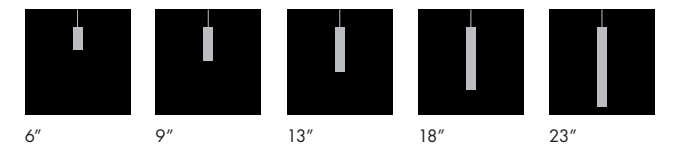
Optics



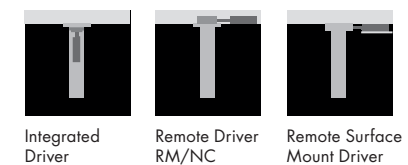
Mountings



Length



Installation type



NOTE: Some exceptions, consult specification sheets for details.



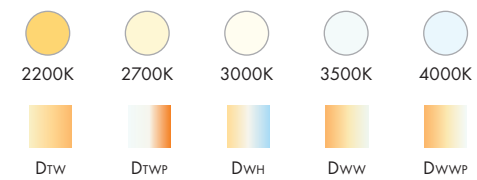
Right on Track

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



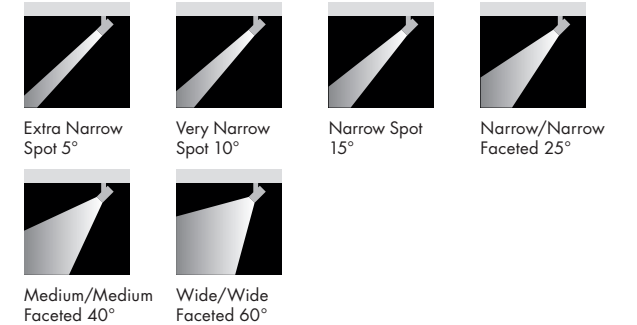
Color rendering options

80+ | 90+ | 95+

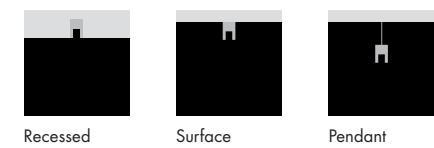
Control options

- On/Off Control
- Phase Dimming
- lumen talk

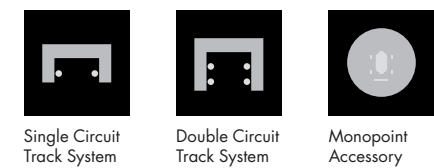
Optics

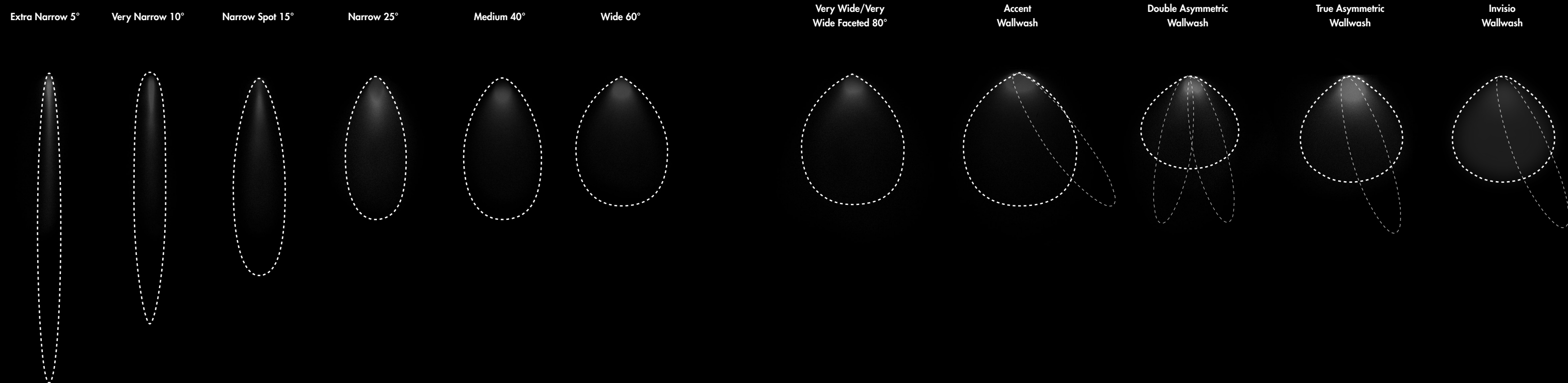


Mounting



Tracks and accessory





Optical Exaltations

With an uncompromising approach to optics, Lumenpulse Point Source luminaires can provide the tools for vertical illumination, general lighting, spot lighting, accent lighting, asymmetric and double asymmetric distributions. By using the same light engine and same optics in the Lumecore Recessed, Cylinders, and Track, the beam spread and performance is consistent no matter which fixture you select for your application.

**Up to
118lm/W**


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

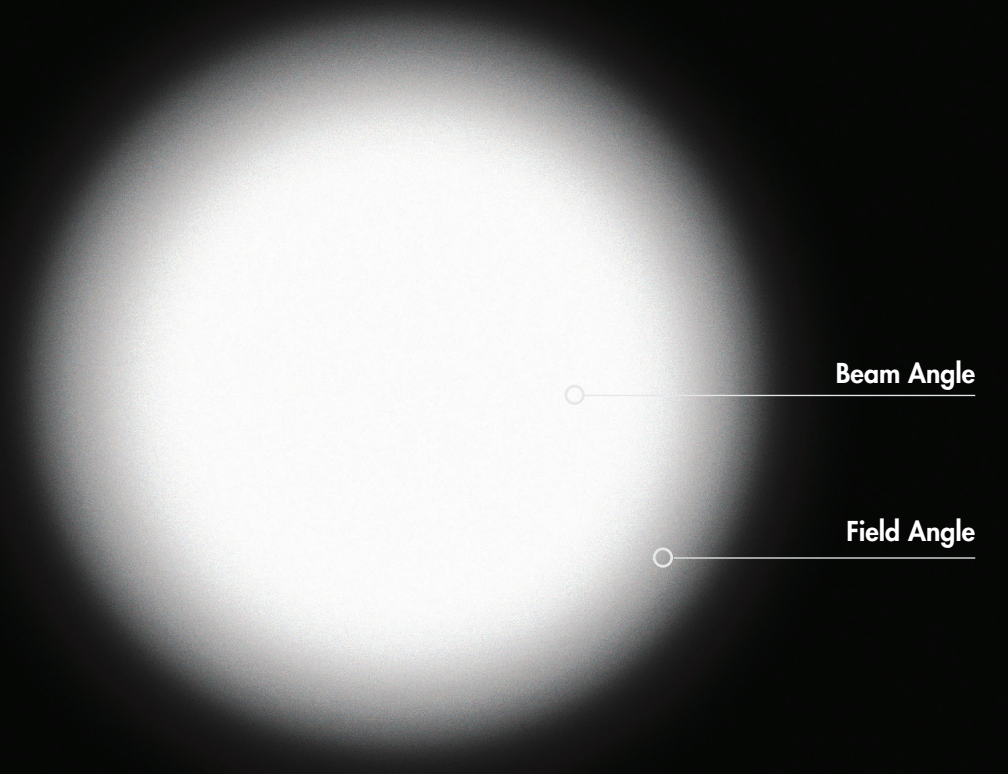
- ✓ Perfect for general lighting
- ✓ Soft transition between beam and field angle
- ✓ Great for wider beam angles

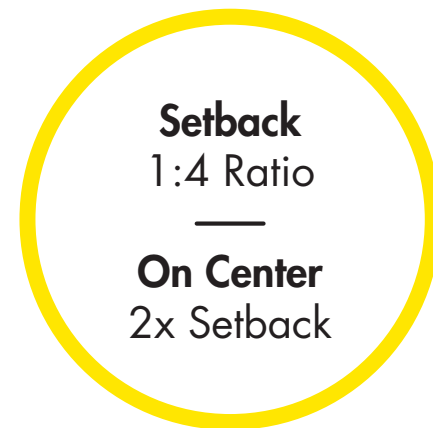
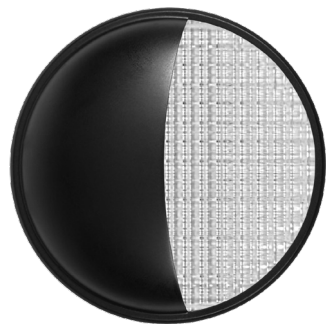
Know Your Angles

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, 2³/₄" and 4" diameters

*Not available for Lumencore Track





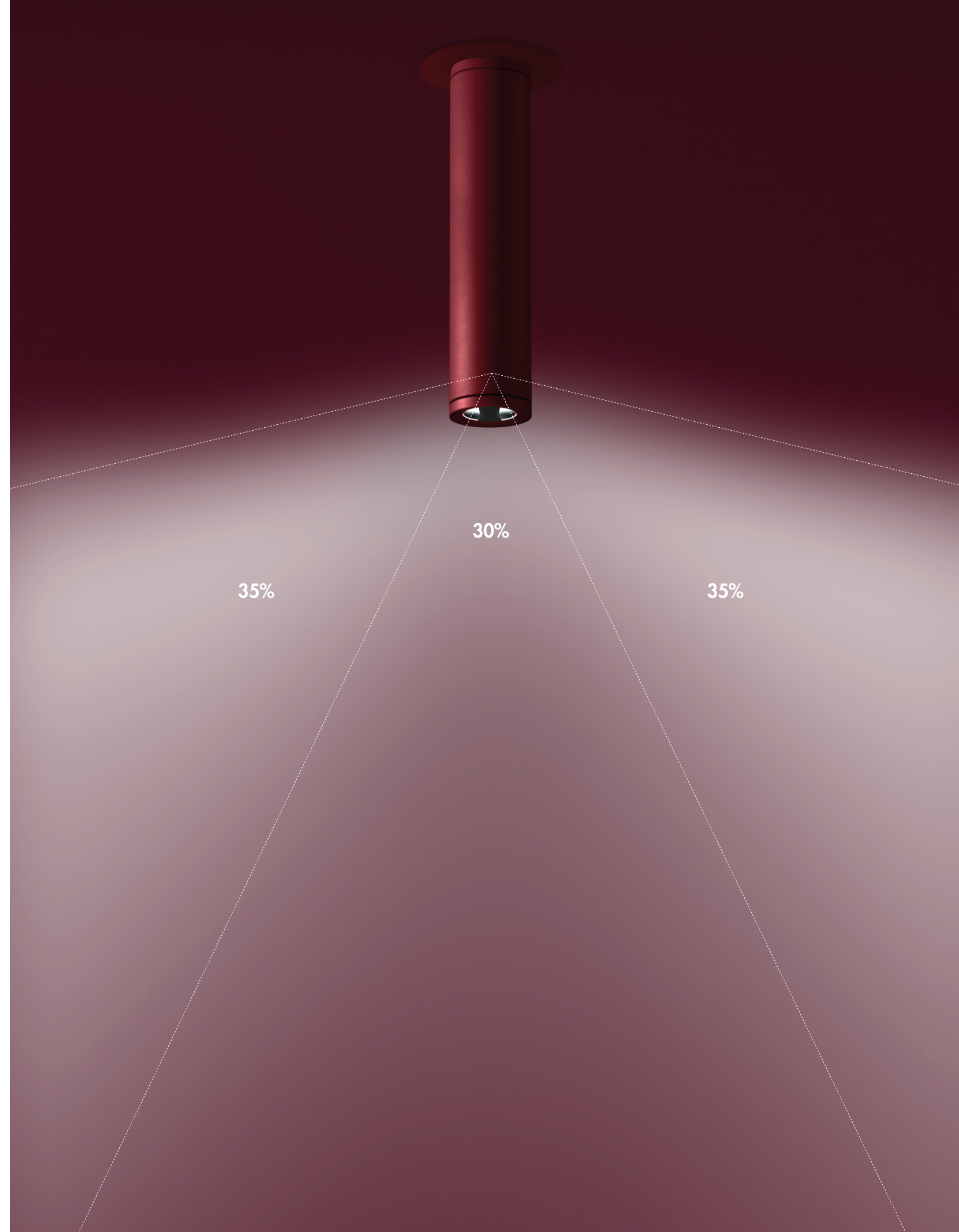
Double Asymmetric Assembly*

Double Asymmetric

The Advantages of Our Asymmetric Distribution with Double the Coverage

- A studied optic that puts light on facing walls and floors
- Great for passageways and corridors
- Available in smaller sizes, 2 3/4" and 4" diameters

*Not available for Lumencore Track



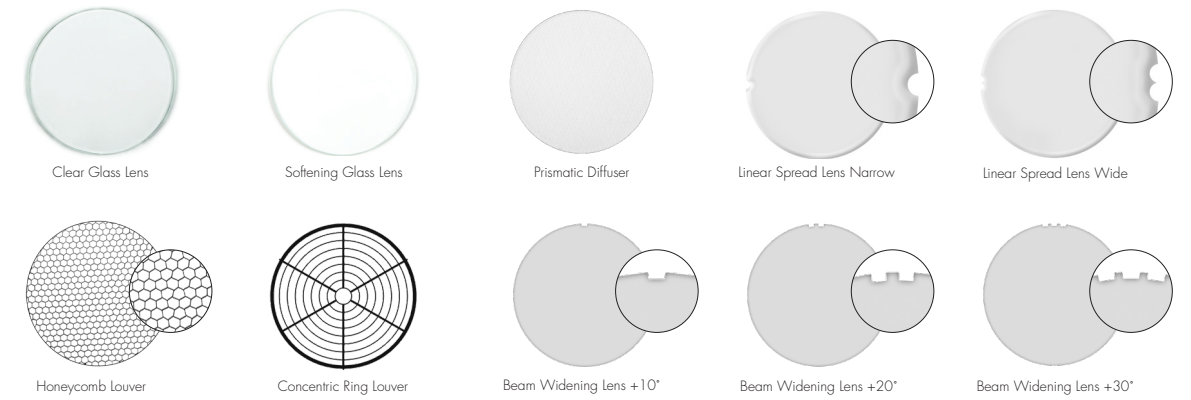


Field-Changeable Optics and Accessories

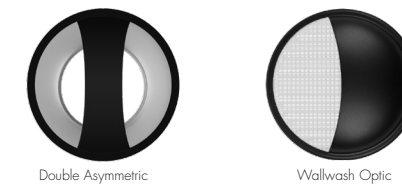
Lumencore Cylinders, Lumencore Track and many of our Lumencore Recessed can change face whenever you like. Accessories can easily be swapped wherever you've mounted your luminaire. When projects are suddenly modified, you can instantly adapt.

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.

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.



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



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

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



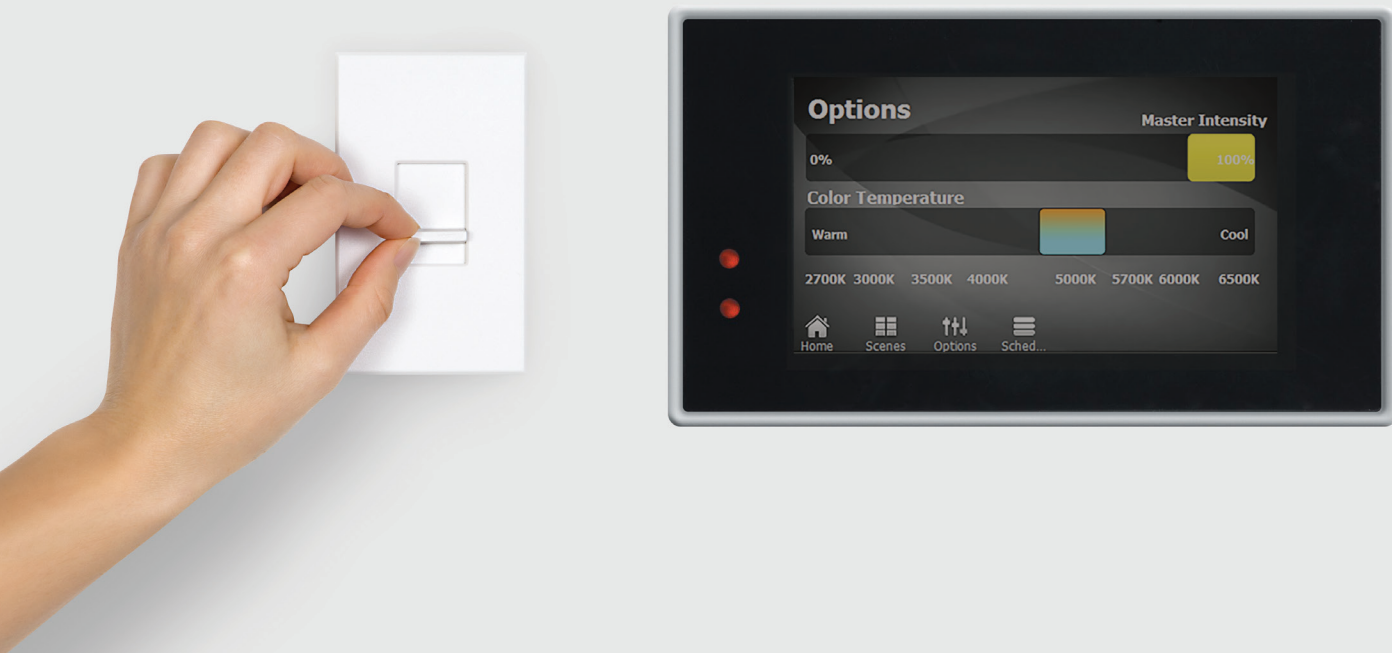


Colors

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.



*Available for all Lumencore Cylinders and some Spotlight models. Limited availability in Lumencore Recessed.

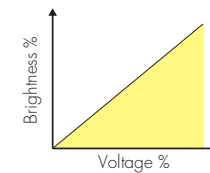


Control Flexibility

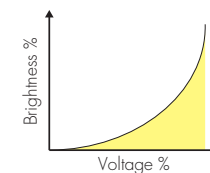
There should be no lighting without lighting control. That's why our point sources are compatible with multiple control systems. Choose between a variety of wired control options, or use our innovative Lumentalk technology to enable digital control over existing wiring and track installations.

Available dimming curves

Linear dimming
Smooth dimming suitable for all lighting applications.



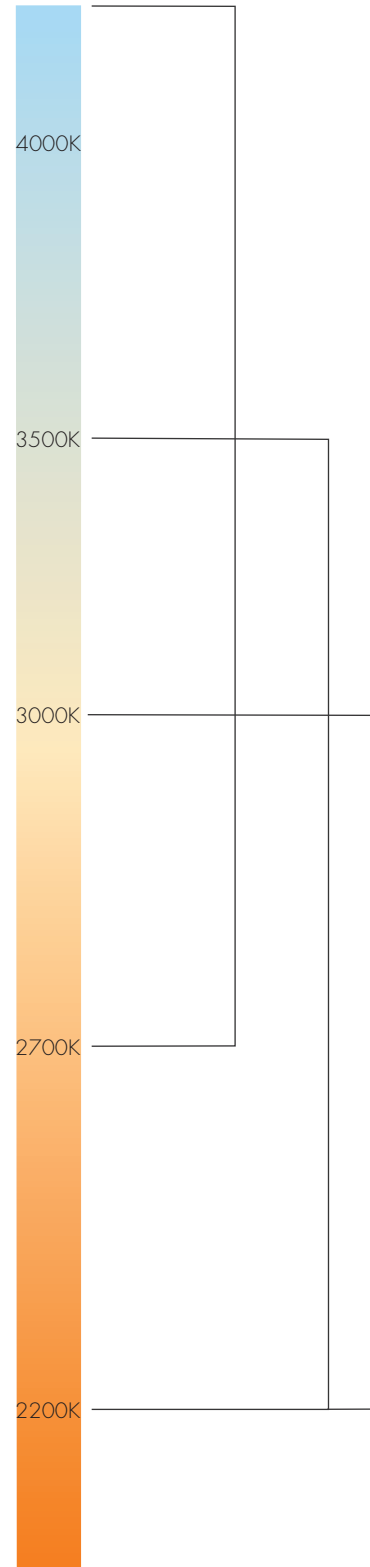
Logarithmic dimming
Provides more precise control at lower light levels. Ideal for applications such as restaurants, theaters, bars, and hotels.



	On/Off Control		
	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% Soften/Fade-to-Black
	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.

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.

6500K



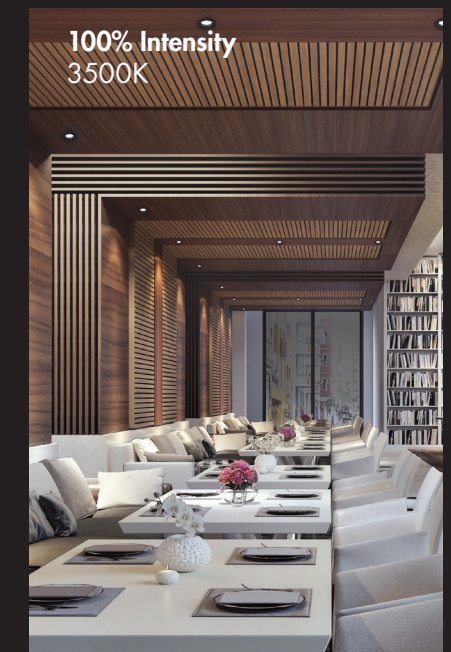
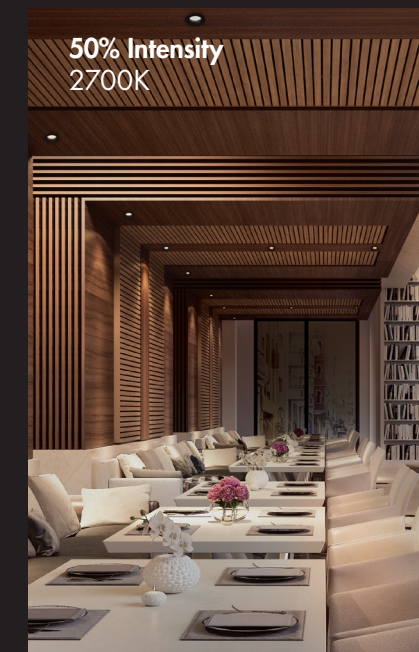
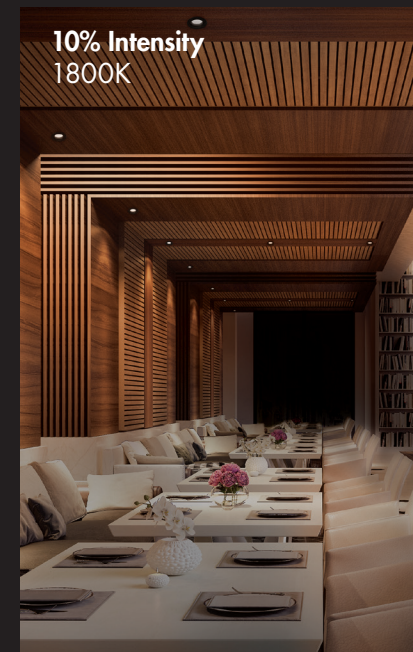
1800K

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

1800K

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

Ambience at your Fingertips



Lumentalk



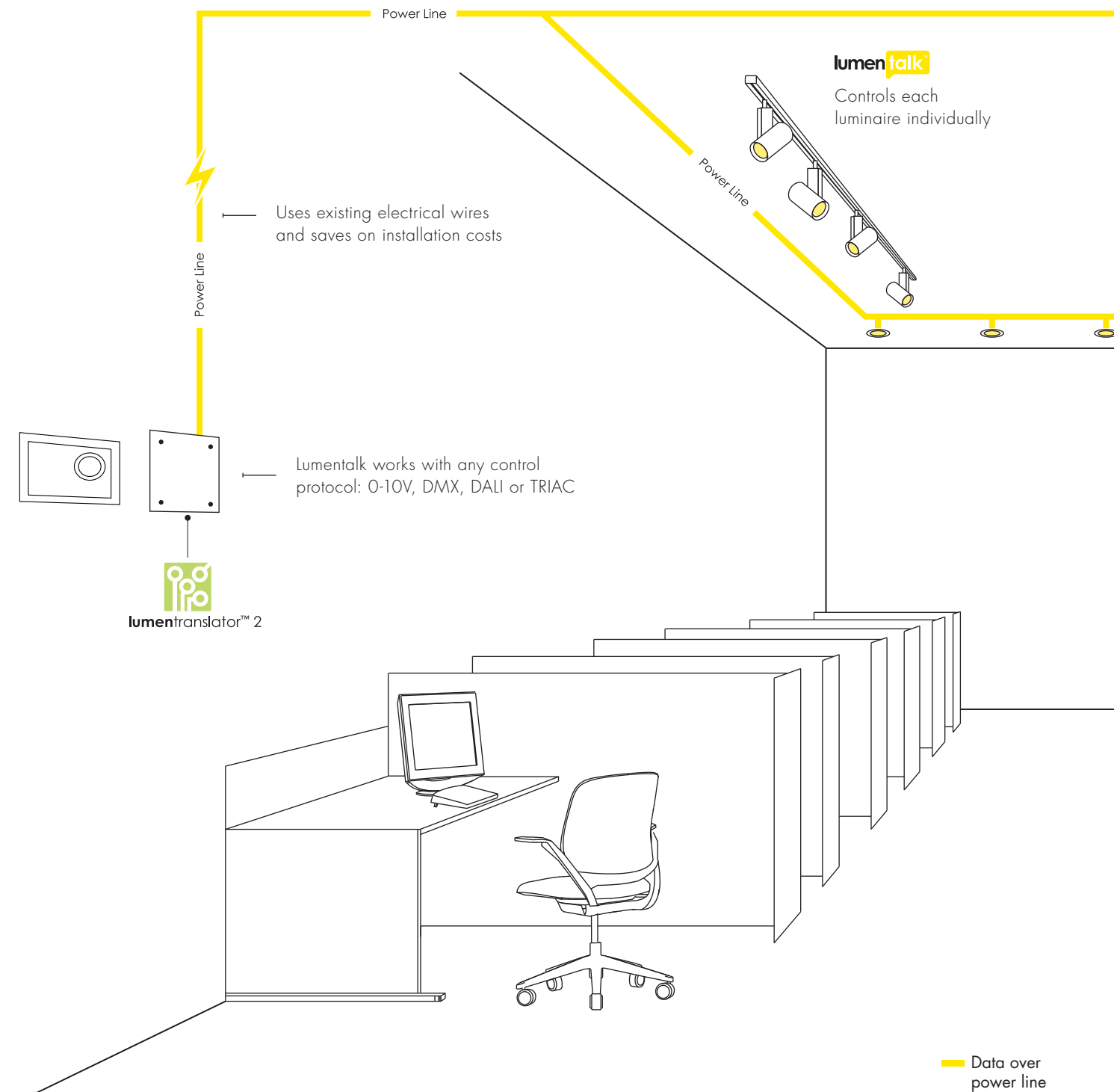
Lumentalk technology is available for Lumenpulse Lumencore Recessed, Track, and Cylinders. Lumentalk uses AC power lines as a digital control network, allowing easy, networkable LED lighting systems, with no re-wiring required.

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

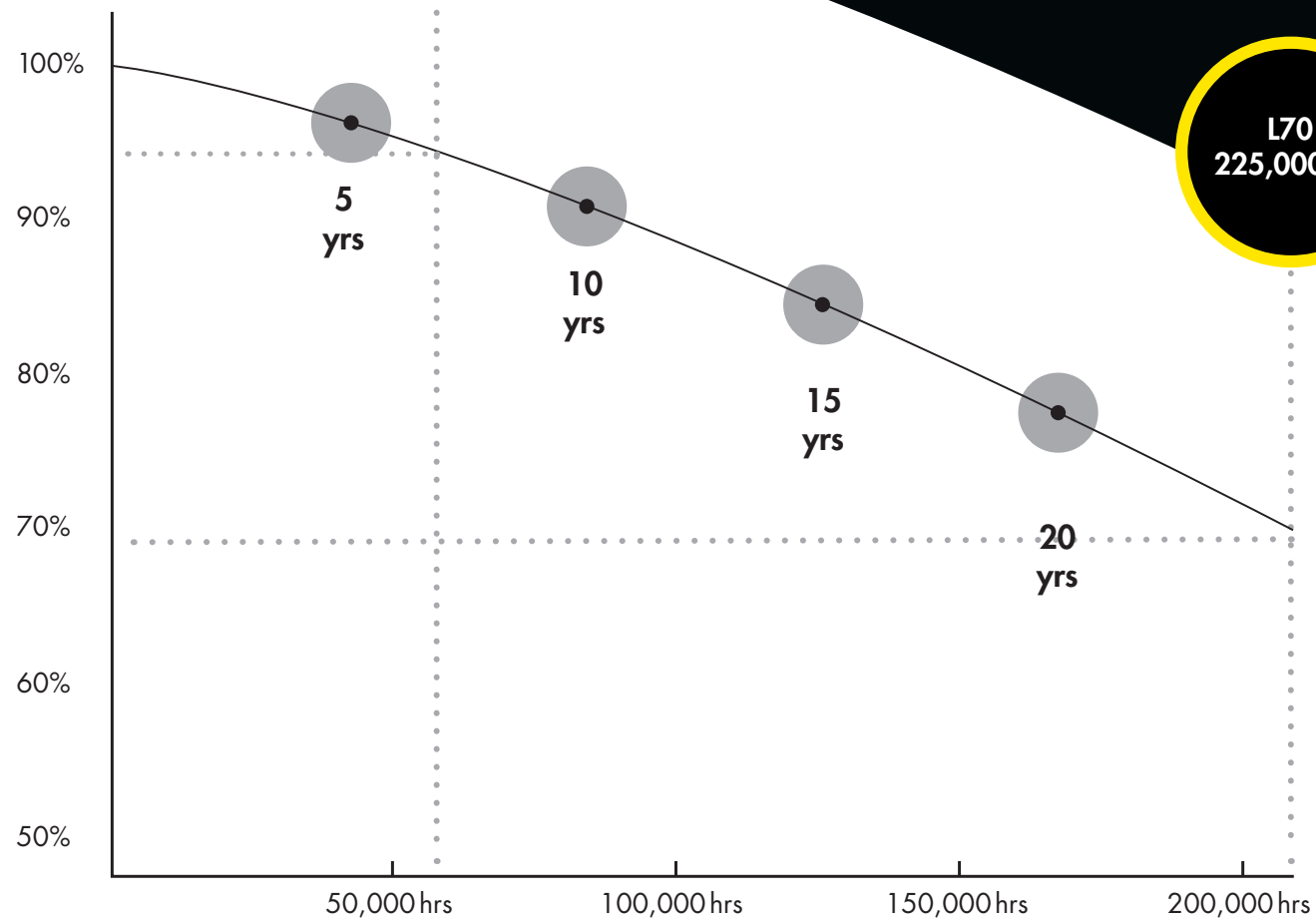
Our Lumencore Recessed, Lumencore Track, and Lumencore Cylinders offer an unbelievable new standard in LED lifetime performance. With an L95 of 55,000 hours, designers can be confident that their projects will maintain at least 95% of their initial light levels after six years of continuous use.*

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
55,000 hrs**

**L70
225,000 hrs**

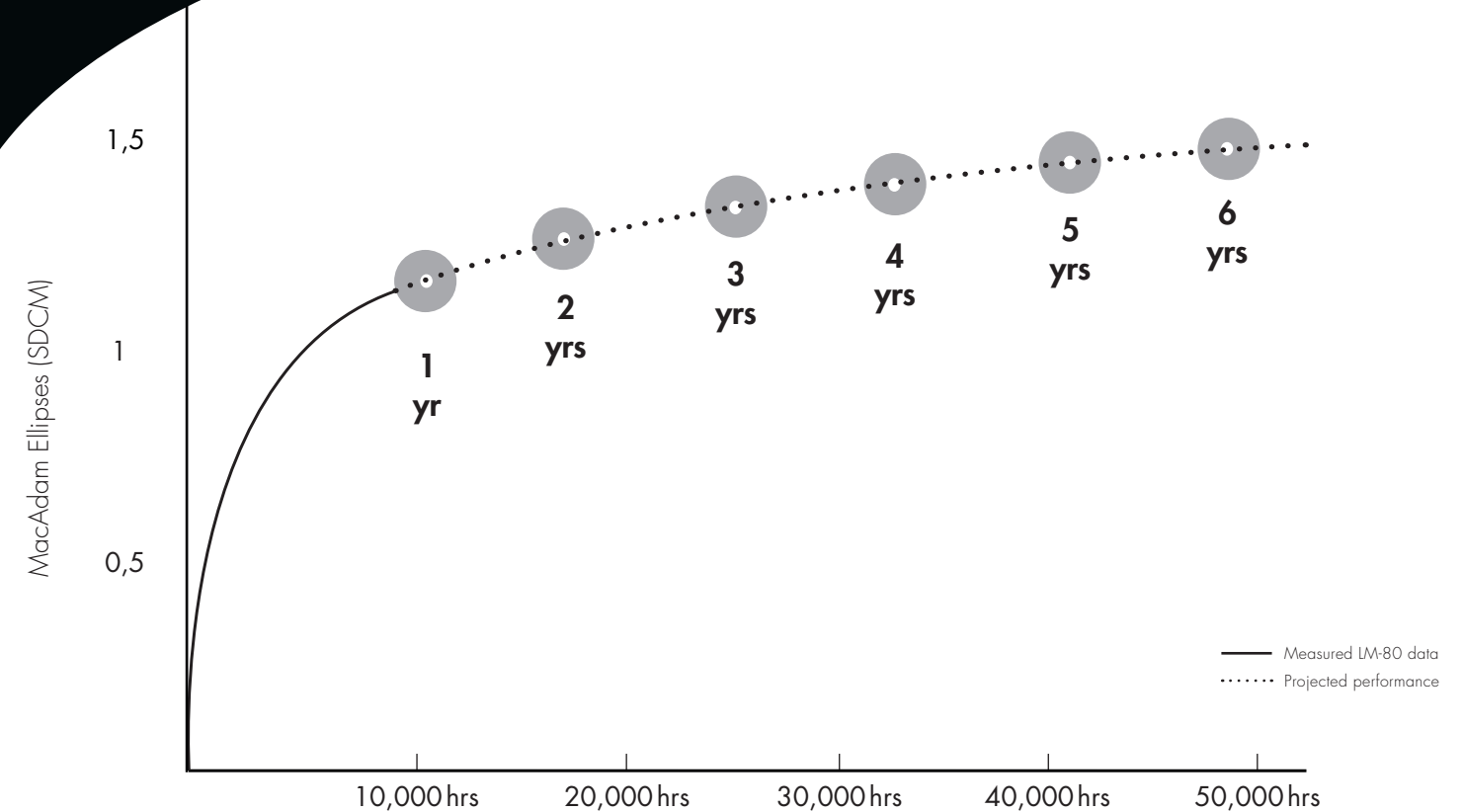


Unbeatable Color Stability Over Time

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



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



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: Ædifica



Business space, Montreal, QC, Canada
Architects: Ædifica





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



YETI Coolers Retail, Charleston, SC, United States
Lighting Design: Gabler Youngston Architectural Lighting Design



Délices Érablé & 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.

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5
Business Days

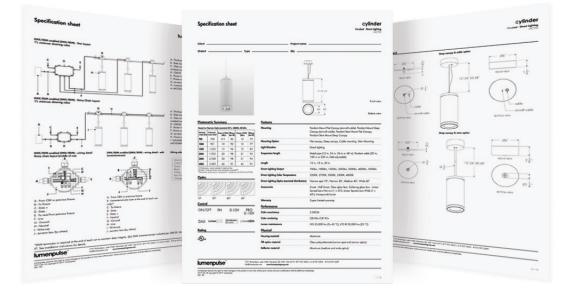
To keep your project and team on schedule, Lumencore Recessed Ceiling Mounting Kits can be requested for advanced shipping, leaving the factory in 5 business days.



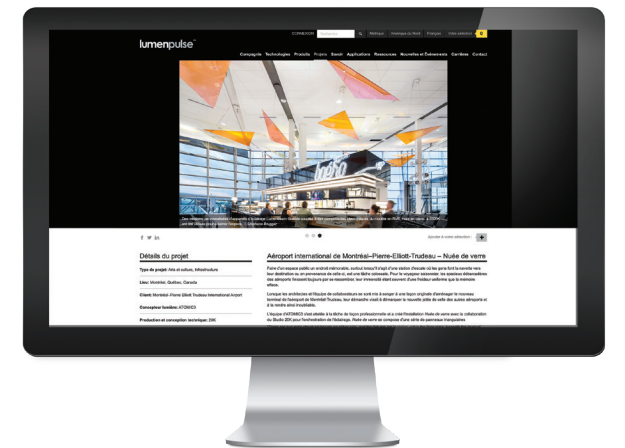
Leave No Question Unanswered

We like to arm our partners and colleagues with as much supporting documentation as they need. That's why we make it easy to access up-to-date information. From our website, you can download case studies, brochures, specification sheets, photometric data, installation instructions, BIM files and CAD drawings.

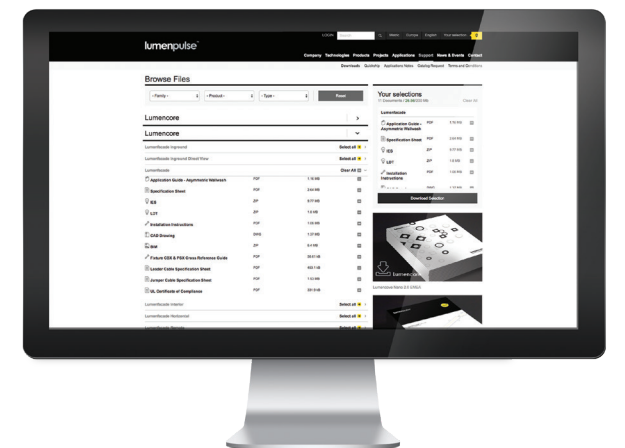
Clients can be reassured that all our luminaires are independently tested by certified laboratories, in accordance with LM-79-08 procedures published by the IES. If you have any questions or comments regarding our documentation, please feel free to contact us at info@lumenpulse.com.



Documentation



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Support Files

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