



# Commercial LED Lighting

# Product Highlights

## T-Grid Linear 13-29

Under a suspended ceiling construction, imagine a simple grid lighting system can save labor cost but also show the characteristics of your commercial space.

### Milky Diffuser



- 9/16" Flat
- 9/16" Interlude
- 9/16" Slot
- 15/16" Flat

### Clear Lens



- 9/16" Slot
- 15/16" Flat

### Micro Reflector



- 15/16" Flat

### Sign



- 9/16" Flat



## ZETA Portfolio 31-47

This is a unique linear series that brings any space to the center stage. It's named after the Greek letter Zeta, the shape of the letter Z resembles lightning.

### ZETA 1.3" Series



- Diffuser
- Louver
- Micro Reflector
- Convex

### ZETA 2.3" Series



- Diffuser
- Louver
- Micro Reflector
- Deep Regressed Lens



## Vertical Linear 50-59

The Linear Vertical Series delivers on a simple premise – extensibility in configuration and seamlessness in installation. This Edge lite transparent luminaire now offers precise illuminations in all desired directions.

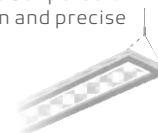
### LV Series



## UP/Down Linear 60-67

Timeless transparent edge-lit linear that combines our pursuit for discerning design and precise performance.

### DP Series



## Rotatable Linear 69-73

The innovative adjustable beam angle design makes it more flexible. It is truly a modern luminaire that provides flexibility in how a space is illuminated.

### OP Series



## Ultra Slim Linear 75-81

It brings clean lines and clear light to commercial interiors of all kinds. Our sleek, stylish LED linear suspensions offer highly effective and efficient lighting solutions.

### NE Series



## Redefining Luminaires

### Recessed Linear 84-91

Designed for grid ceiling, features popular 4", 6" width and length up to 8' with external driver; Embrace the grid that conceals gridlines while blending into the ceiling.

### LR Series



### Surface Mount Linear 92-97

The bold, sleek design of the LS is aesthetically pleasing to any space. It comes with surface mount and recessed options with internal driver.

### LS Series



### Indirect Troffers 132-135

A classic form meets our minimalist design aesthetic in the TT indirect series. Transparent optics, providing a unique translucent appearance without sacrificing performance.

### TT Series



### Architectural Troffers 136-139

High central optical grade lens provide good efficiency and impact resistance. It is architectural lighting solution for commercial and institutional environments.

### TR Series



### Surface Mount Panels 140-143

One- Stop Shop for FS series. The unique internal driver makes it thickness. Only 0.12" gap between the panel and the dry ceiling for surface mounted installation.

### FS Series



## Commercial Downlights

### Deep Regressed 100-107

3rd generation since 2013. It is the ideal way to retrofit incandescent, CFL and HID to LED into existing recessed housing or frame-in kit.

### CES Series



### J-Box Downlights 108-117

Integrated J-Box for direct wire eliminated recessed lighting housing which is suitable for new construction. Moreover, we have added square trims into this product family.

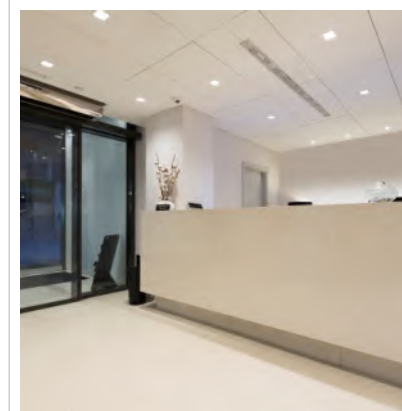
### CP Series



### Copa 3" Downlights 118-129

It was created to make your job easy. Its broad compatibility simplifies the specification process making installing or replacing the light and trim fast and tool-free.

### CP3 Series



## LED Emergency Driver

Make sure you are code compliant with your clients whether it's new construction or retrofit! A slimmer designed – 3rd generation LED emergency driver in introduced this year.

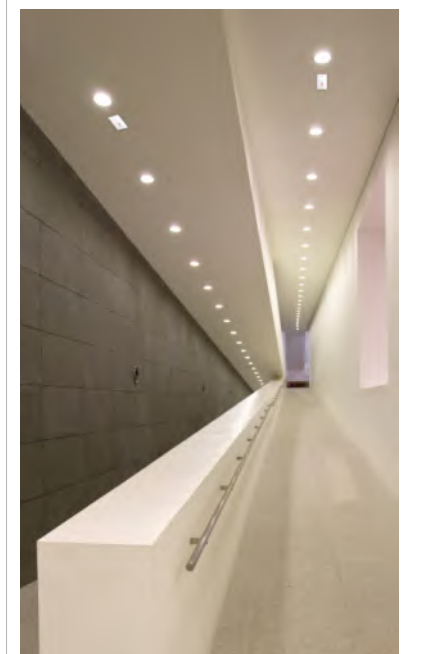
### EM Series 145-157



### Pack-Low Voltage

### Pack-High Voltage

### Split-Low Voltage



TB Series

T-Grid Linear



Milky Diffuser



Clear Lens



Micro Reflector



Sign

## T-Grid Linear LED Lighting Solution

Mounting brackets support both 9/16" and 15/16" ceiling tiles from any major brands. Each remote driver supports up to 3 TB products, whether it's 2ft or 4ft.



Seamless  
connection

TB Series

T-Grid Linear



## We Believe in Simplicity = Beauty

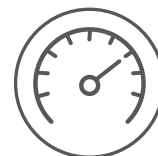
Under a suspended ceiling construction, imagine a simple grid lighting system can save labor cost and reduce the building waste, but also show the characteristics of your commercial space. Let the ceiling tile shine with integrated lighting, we made it easy for you to specify and maintain the crisp. TB series is compatible with known industry's standard size ceiling tiles, whether it's 9/16" or 15/16".



0.48"

## Patented in the U.S. (US 10125934)

There is unlimited possibilities with your suspended ceiling structure.



### Speed

It can be parallel connected up to 3pcs fixtures per power supply.



### Flexibility

It is free to create compelling spaces, your space no longer has to be restricted to a single pattern on the ceiling.



### Reduced Cost

Simply wiring and RJ45 terminal make easy installation and safe wiring.

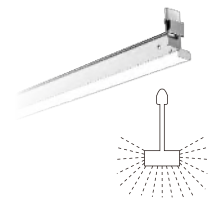


### Simplicity

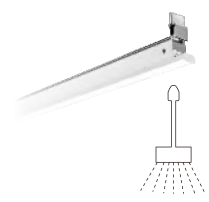
0.48" Thickness, Almost Integrated To T-grid Ceiling.

# Precise Optics

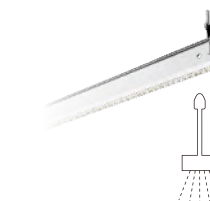
Available in 4 professional distributions. The TB series is certain to meet the most stringent of application requirements. This innovative produce design brings both performance and aesthetics to any design applications.



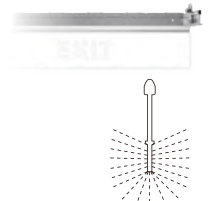
**Milky Diffuser**  
9/16" Flat, 9/16" Interlude,  
9/16" Slot and 15/16" Flat  
120° Beam Angle



**Clear Lens**  
9/16" and 15/16"  
70° or 90° Beam Angle



**Micro Reflector**  
15/16"  
85° Beam Angle



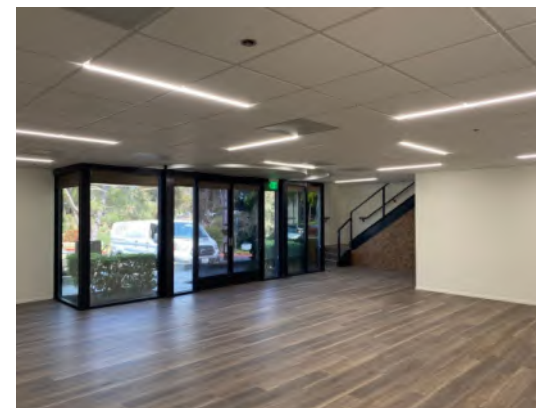
**Signage**  
9/16"  
110° Beam Angle





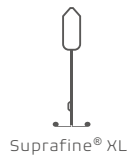
## Universal Compatibility

It is a new generation green lighting solution that integrated into T-Grid suspended ceilings, allowing to be fully and seamlessly integrated into 9/16" flat, 9/16" slot or 15/16" flat T-Grid. It can replace selected cross tees of the suspended grid ceiling system where light is desired.



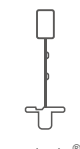
### T-Grids Ceiling Compatibility

9/16" Flat

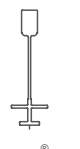


Suprafine® XL

9/16" Interlude

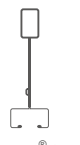


Interlude® XL

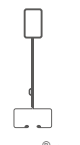


Sonata® XL

9/16" Slot

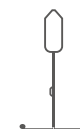


Silhouette® 1/4" XL

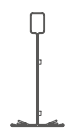


Silhouette® 1/8" XL

15/16" Flat

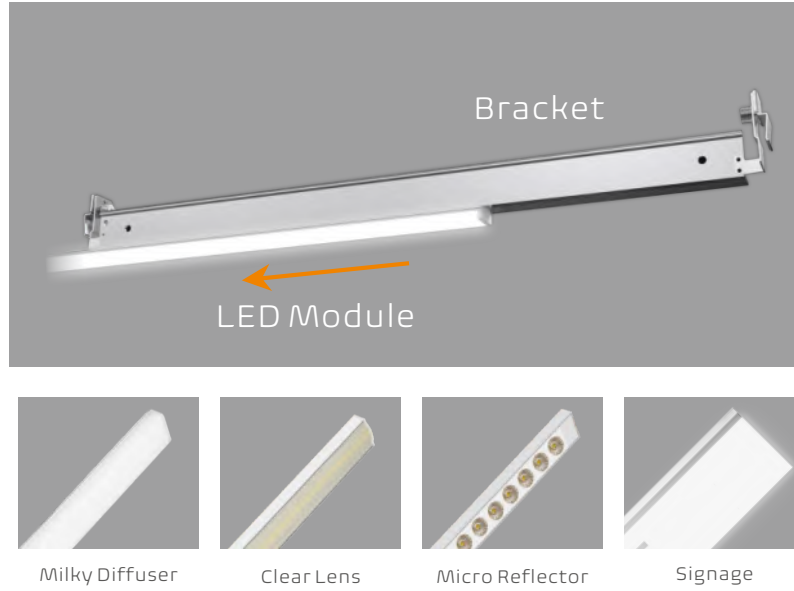


Prelude® XL



Clean Room

Note: Suprafine®, Silhouette®, Interlude®, Sonata®, Prelude®, are trademarks of Armstrong World Industries (AWI) company.



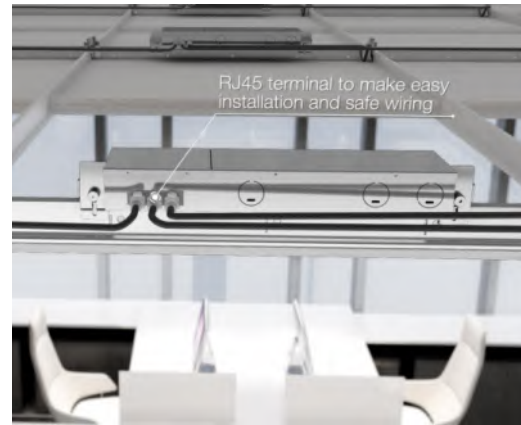
## Furthermore...

Replace the LED module randomly for your needs. Lower your inventory risk and reduce costs.

The innovative separable design of led module and T-Grid bracket makes it more flexible. One T-grid bracket allows for seamless integration of multiple led modules with different CCT or types with easy and tool-free installation.







## Simply Wiring And Mess Free

Simple mounting brackets with Remote drivers

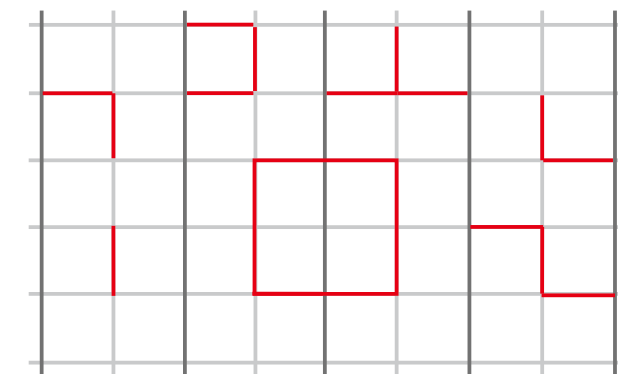
It can be parallel connected up to 6ft (2' fixture) and 12ft (4' fixture) max per power supply. Max distance from fixtures to power supply is 8 feet with 24 AWG cable. RJ45 terminal make easy installation and safe wiring.



## Playful

### Flexible Lighting Solution

T-Grid LED can be installed in many configurations by replacing any of the cross tees between the main runners of the suspended grid ceiling system assembly, providing a flexible general lighting solution for commercial and institutional environments such as offices, classrooms, retail and public space.



- Examples of configurations
- Possible positions for T-grid LED light modules
- One-piece main runner cannot be replaced

### Seamless Continuous Runs

No gap, create Linear Lighting Atmosphere.





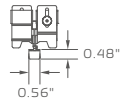
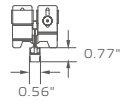
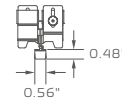
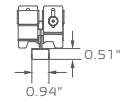






### Custom Configuration

Considering different dimension and functions of a room, it is free to create compelling spaces, and your space no longer has to be restricted to a single pattern on the ceiling. Custom pattern such as L, T, +, □ etc.



Milky Diffuser

			
<b>9/16" (14MM) Flat</b> Dimension	<b>9/16" (14MM) Slot</b> Dimension	<b>9/16" (14MM) Interlude</b> Dimension	<b>15/16" (24MM) Flat</b> Dimension
			
<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W	<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W	<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W	<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W
<b>Efficacy</b> 550 LM/FT	<b>Efficacy</b> 550 LM/FT	<b>Efficacy</b> 550 LM/FT	<b>Efficacy</b> 650 LM/FT
<b>Custom Pattern</b> Yes	<b>Custom Pattern</b> /	<b>Custom Pattern</b> /	<b>Custom Pattern</b> Yes
<b>Beam Angle</b> 128°	<b>Beam Angle</b> 128°	<b>Beam Angle</b> 128°	<b>Beam Angle</b> 123°
			

**LED**  
Color Temp: 3000K,3500K,4000K,5000K  
CRI: >80  
Lifetime: >50,000H L70 minimum



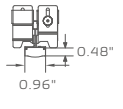
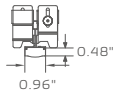

**Driver**  
Input Voltage:100-277VAC  
Dimming: 0-10V  
Driver: Each remote driver for 3pcs units

**General**  
Finish: Anodised Silver  
Materials: Anodised aluminium,milky diffuser  
Listings: US Patent, UL, DLC, Damp Rated, IC Rated, CCEA  
Mounting: Recessed  
Warranty: 5 Years Limited


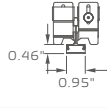

**Function Options**  
24V DC options  
Emergency Option  
CCEA Option  
Custom cable length  
Plenum Rated Cable Option




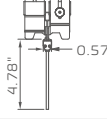

Len

	
<b>9/16" (14MM)</b> Dimension	<b>15/16" (24MM)</b> Dimension
	
<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W	<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W
<b>Efficacy</b> >110 lm/w	<b>Efficacy</b> 600 LM/FT
<b>Custom Pattern</b> Yes	<b>Custom Pattern</b> Yes
<b>Beam Angle</b> 128°	<b>Beam Angle</b> 70°, 90°
	

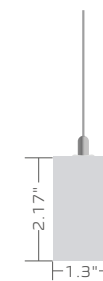
Reflector


<b>15/16" (24MM)</b> Dimension

<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W
<b>Efficacy</b> 650 LM/FT
<b>Custom Pattern</b> /
<b>Beam Angle</b> 85°


LED Sign

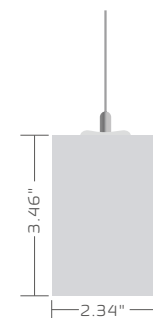

<b>9/16" (14MM)</b> Dimension

<b>Length &amp; Wattage</b> 2' (599MM) 10W 4'(1200MM) 20W
<b>Efficacy</b> 550 LM/FT
<b>Custom Pattern</b> /
<b>Beam Angle</b> 128°


## Zeta Rethink Linear Luminaires



**1.3" Zeta Slim**

Functionality and precise performance are bended perfectly in Zeta Slim, it is destined to become a longstanding classic in our architectural linear collection. As we strive to stand out of the competition, the Zeta is complete.



**2.3" Zeta Bold**

The big brother of the ZE(S), this new addition to the Zeta family presents a highly elegant, bold 2.3" square form that stuns any modern applications.

Zeta Series

Architectural Linear

## Blending Precise Performance With Elegant Design

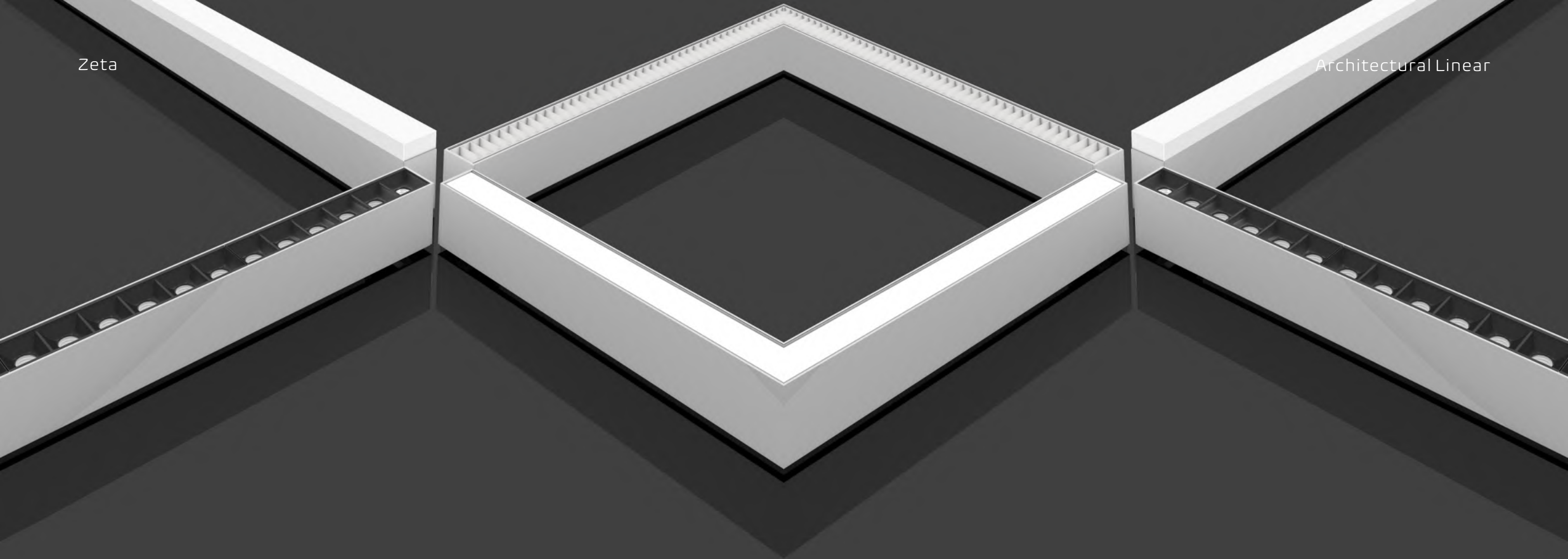
### Exquisite

Zeta series is a unique linear series that brings any space to the center stage. These timeless, streamlined forms blend well with contemporary decors and modern workplaces. These linear luminaries simply provide wide, powerful lighting to any atmosphere.

### Up to 8' length

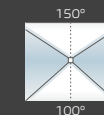
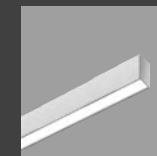
It is available in 2', 4' and 8'. Various length to meet your different needs for any application and create linear lighting atmosphere.





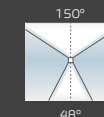
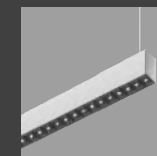
## Lens Challenges

Each of these professional lenses challenges the highest glare rating. We are elevating our entire architectural product line to a higher standard.



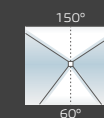
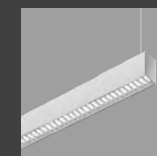
### Diffuser

It is allowing the light to custom the diffuser lengths, up to 42'.



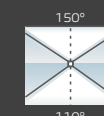
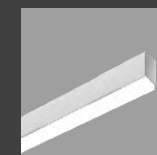
### Micro Reflector

Exclusive low glare modular optics, UGR<15.



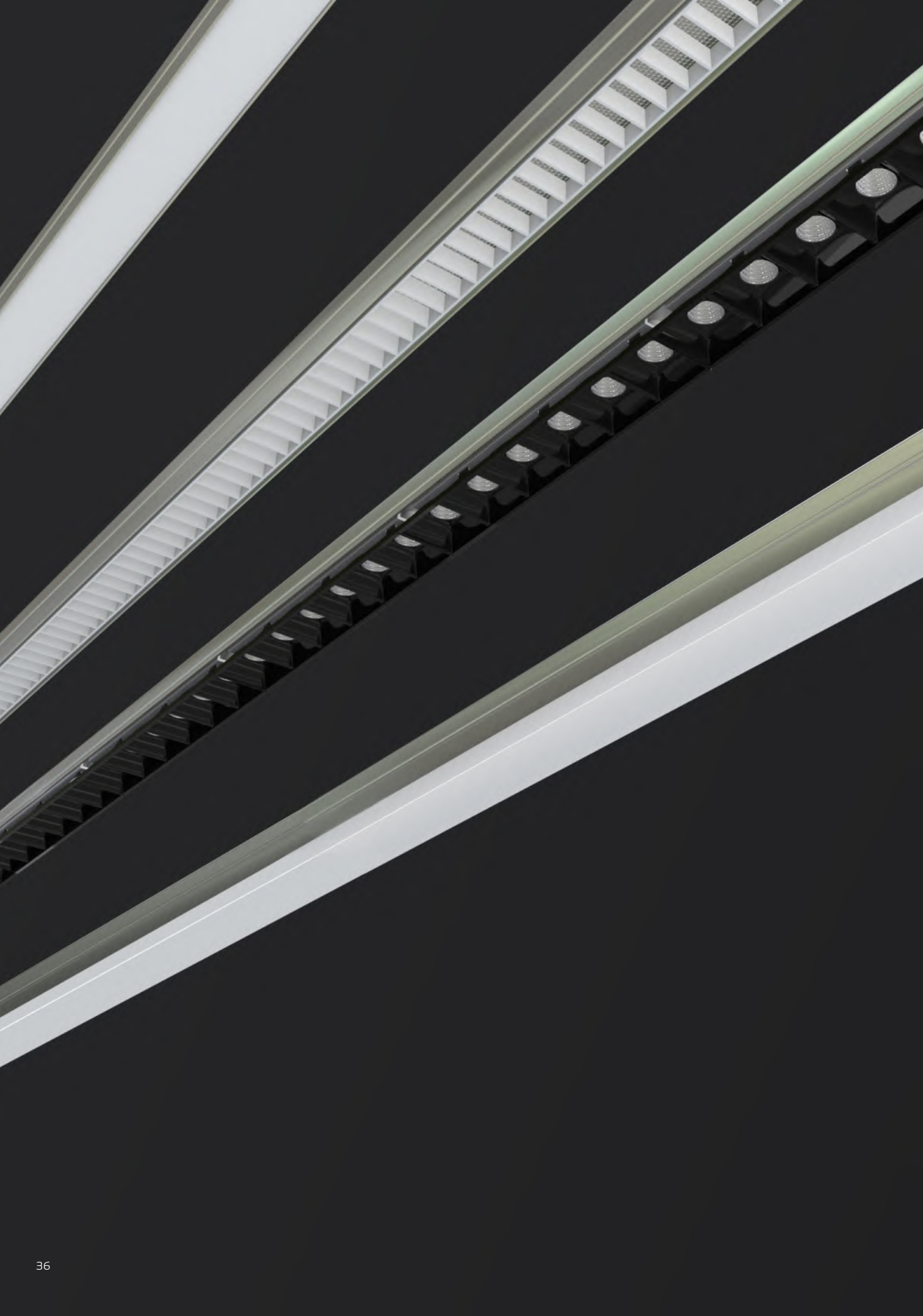
### Louver

Straight blade louver, allows the light to diffuse for a direct and indirect lighting combination.



### Convex

Unique design with acrylic lens



Zeta Series

Architectural Linear

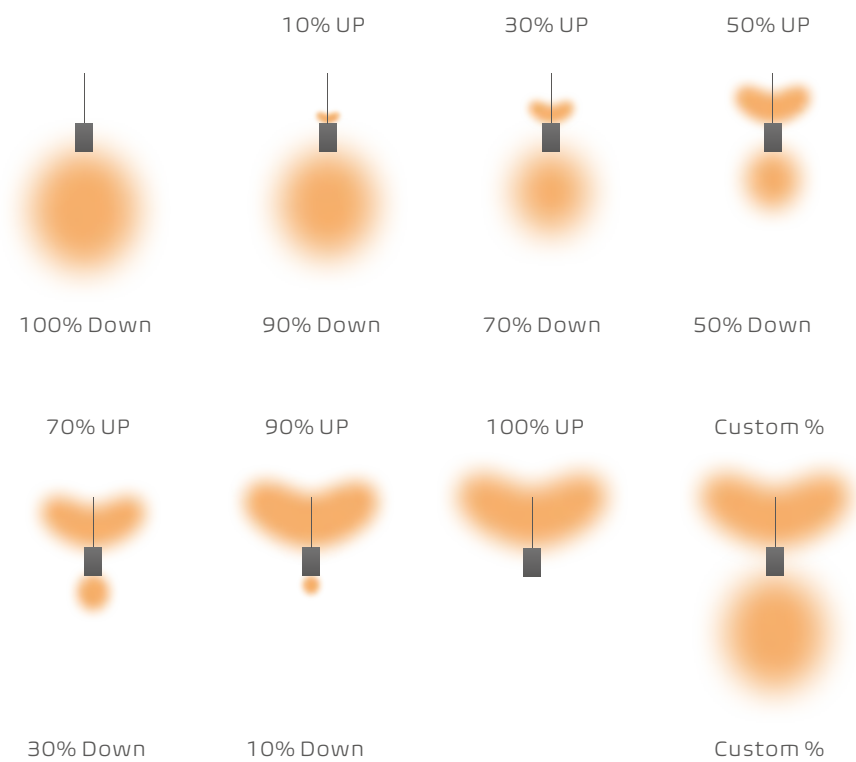


## Functional Style

Built on the core of its modern, practical design philosophy, the Zeta series allow easy access to critical components to simplify installation or in the event that repair or replacement of different CCT becomes necessary.

## Application Flexibility

When suspended, the Zeta Series can provide smooth uplight, allowing for wider spacing between fixtures and better ceiling light uniformity.







## The Art of Customization

### Simple Tools to Configure Unique Shape

Unleash lighting design flexibility with Zeta with different shapes and patterns, it adds fun factor into each room. These creations will let you suggest rhythm, communicate meaning and showcase element of life.

### Seamless Architectural Integration Continuous Roll-Out Lens

Create clean, seamless runs that are quicker to install with this quality press-in diffuser lens that will not crinkle or bow. It is available in lengths of up to 42'.

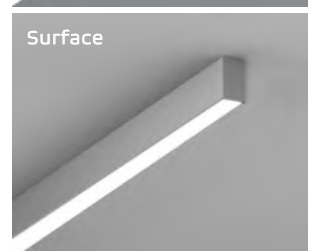




## Application Flexibility

Built on the core of its flexible, practical design philosophy, allows light engine to be conveniently installed after luminaire body has been mounted, and easy access to critical components to simplify replacement with different lens or CCT, or in the event that repair is necessary.

### Mounting Options



## Zeta Slim 1.3"

### Diffuser



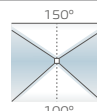
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

1050lm/ft

#### Beam Angle



Up 150°, Down 100°

### Micro Reflector



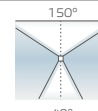
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

1200lm/ft

#### Beam Angle



Up 150°, Down 48°

### Louver



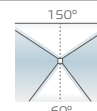
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

750lm/ft

#### Beam Angle



Up 150°, Down 60°

### Convex



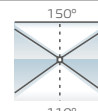
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

110lm/ft

#### Beam Angle



Up 150°, Down 110°

\*Base on up & down light distribution with 3500k

### LED

Color Temp: 3000K, 3500K, 4000K

CRI: >80

Lifetime: >50,000H L70 minimum

### Driver

Internal Driver: 100-277V AC

External Driver: 110-347V AC

Dimming: 0-10V

Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

### General

Finish: White, Black or Custom

Materials: Anodised Aluminium

Listings: UL, DLC, Damp Rated, CE

Warranty: 5 Years Limited

### Mounting

Custom pattern

Pendant, surface, wall mounts available

### Function Options

Wattage Selectable Option (100%, 75%, 50%)

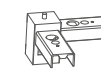
Emergency option

Sensor Option

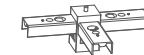
Compatible to POE system



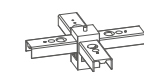
### Joiners



'L' Pattern



'T' Pattern



'+' Pattern



'-' Pattern

### Canopy Style



1.6 in. round



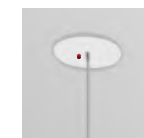
1.6 in. square



4.5 in. round



4.5 in. square



4.5 in. round  
w/ EM



4.5 in. square  
w/ EM

### T-Grid Hangers For Drop Ceiling



T-Grid Hanger (Feed)



T-Grid Hanger (Non-Feed)

### Dimensions



## Zeta Bold 2.3"

### Diffuser



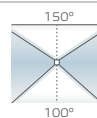
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

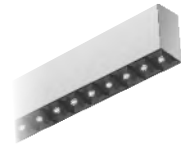
1050lm/ft

#### Beam Angle



Up 150°, Down 100°

### Micro Reflector



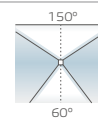
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

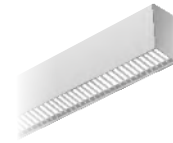
900lm/ft

#### Beam Angle



Up 150°, Down 60°

### Louver



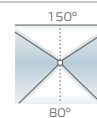
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

950lm/ft

#### Beam Angle



Up 150°, Down 80°

### Deep Regressed



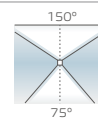
#### Length & Wattage

20W 2' (600MM)  
40W 4' (1200MM)  
80W 8' (2400MM)

#### Efficacy\*

950lm/ft

#### Beam Angle



Up 150°, Down 75°

\*Base on up & down light distribution with 3500k

### LED

Color Temp: 3000K, 3500K, 4000K

CRI: >80

Lifetime: >50,000H L70 minimum

### Driver

Internal Driver: 100-277V AC

External Driver: 110-347V AC

Dimming: 0-10V

Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

### General

Finish: White, Black or Custom

Materials: Anodised Aluminium

Listings: UL, DLC, Damp Rated, CE

Warranty: 5 Years Limited

### Mounting

Custom pattern

Pendant, surface, wall mounts available

### Function Options

Wattage Selectable Option (100%, 75%, 50%)

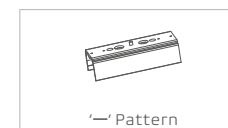
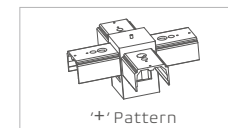
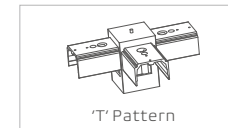
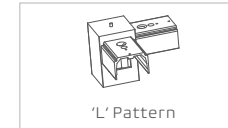
Emergency option

Sensor Option

Compatible to POE system



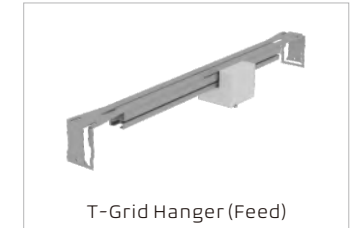
### Joiners



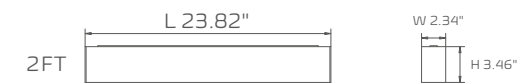
### Canopy Style



### T-Grid Hangers For Drop Ceiling



### Dimensions

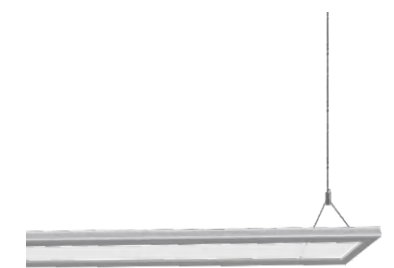


## Pendant Linear LED Fixtures

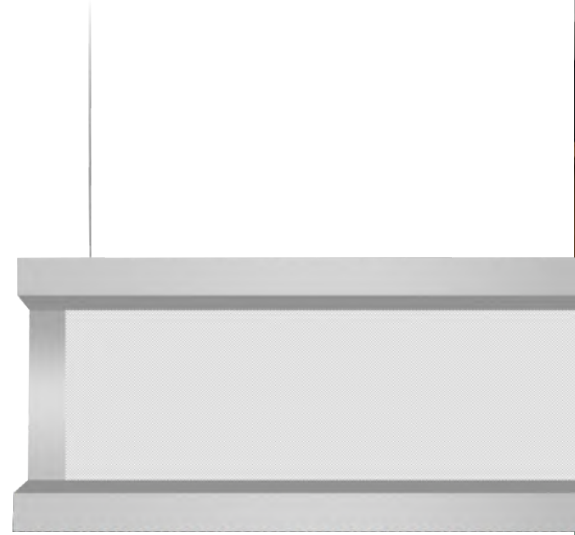
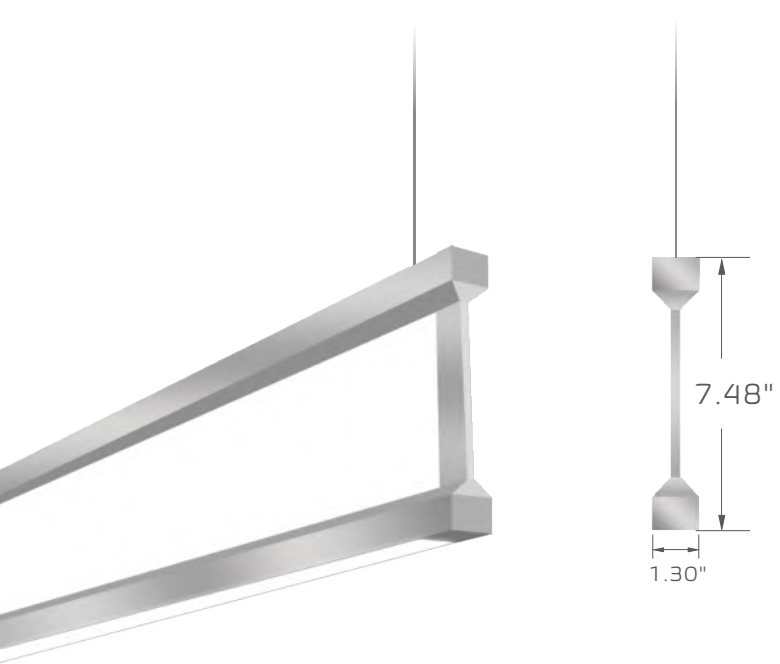
The direct / indirect pendant linear are integrated with ultra-thin semi-transparent optics, making a nearly transparent luminaire when off and excellent uniformity and efficiency when on, precisely controlled optimal direct indirect distributions.



Vertical Linear



Up/Down Linear



## A Choice of Design Aesthetic

### Unique Design

Transparent, vertical optics designed specifically for LED sources are integrated with minimalist design and architectural materials to create a broad range of solutions.

### Advanced Optics

The ultra-thin semi-transparent optics highly transmits the flux of LEDs and evenly delivers the lights at the horizontal sides. It is utilizing an advanced LED optical system to achieve superior performance.

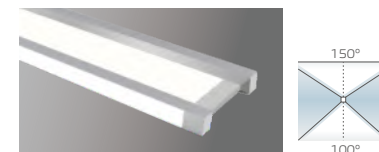


## Visual Comfort

We strive to challenge the highest visual comfort standard by offering multiple professional lenses.

### Diffuser

It is designed with high transmittance diffuser, precisely controlled optimal distributions with excellent uniformity and efficiency illumination.



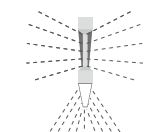
### Louver

Straight blade louver with low glare, allows the light to diffuse for a direct and indirect lighting combination.

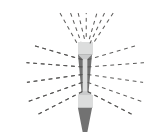


### Powerful

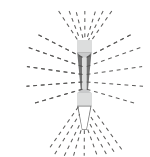
When suspended, the LV Series can provide smooth direct or indirect distribution, allowing for wider spacing between fixtures and better ceiling light uniformity.



Direct+



Indirect



General Diffuse  
Ext. Driver Only\*



## Transparent Optics

### Advanced Optics

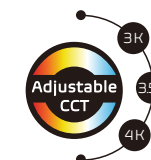
The unique design makes it semi-transparent luminaire when off, excellent uniformity and efficiency when on.

### Delicate Laser Dot

The ultra-thin semi-transparent optical light guide plate highly transmits the flux of LEDs and evenly delivers the lights at the horizontal sides.

## The Magic Of CCT Adjustable

- Let you choose up to different 8 color temperatures\*
- Dual Circuits output, adjust CCT with 0-10V dimming system \*



- Standard CCT adjustable only support 3 color temperatures.
- Multiple CCT adjustable option is available upon request.

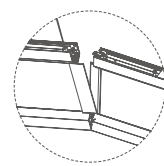




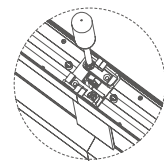
## Simplicity Meets Performances

Each power feed connections up to 40ft,  
Continuous linear integration this product family

This engineered luminaire joining design allows for simple and intuitive assembly in the field easily. It is junction plate act as connector and ensure that luminaire rows snap into a laser straight line.



Slide fixtures together



Secure fixtures together via screwdriver





## LV Series

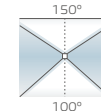
## Vertical Linear

### Diffuser



Internal Driver Length	External Driver Length
4' (1200MM)	4' (1200MM)
Wattage	Wattage
40W	45W
Efficacy	Efficacy
1000lm/ft	1125lm/ft
Input Voltage	Input Voltage
100-277V AC	110-347V AC

#### Beam Angle



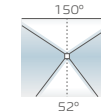
Up150°,Down 100°

### Louver



Internal Driver Length	External Driver Length
4' (1200MM)	4' (1200MM)
Wattage	Wattage
40W	45W
Efficacy	Efficacy
900lm/ft	1010lm/ft
Input Voltage	Input Voltage
100-277V AC	110-347V AC

#### Beam Angle



Up150°,Down 52°

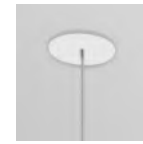
### Canopy Style



1.6 in. round



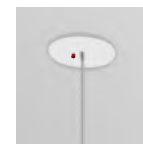
1.6 in. square



4.5 in. round



4.5 in. square



4.5 in. round  
w/ EM



4.5 in. square  
w/ EM

### LED

Color Temp: 3000K,3500K,4000K,5000K or CCT Adjustable

CRI: 80+ or 90+ Options

Lifetime: >50,000H L70 minimum

### Driver

Type: Internal or external options

Dimming: 0-10V

Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

### General

Finish: Silver

Materials: Anodised Aluminium

Listings: UL, FCC, CE, LM79, LM80

Warranty: 5 years Limited

### Mounting

Mounting: Pendant

Ceiling Type: Dry ceiling or drop ceiling

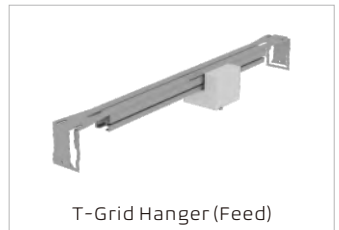
Continuous Runs

### Function Options

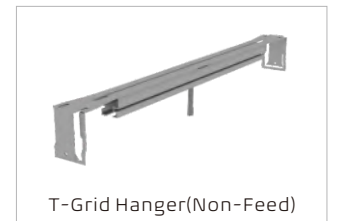
Emergency option

Compatible to POE system

### T-Grid Hangers For Drop Ceiling



T-Grid Hanger (Feed)

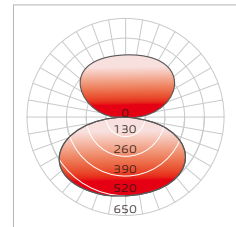


T-Grid Hanger(Non-Feed)



DP Series

UP/Down Linear



AVERAGE BEAM ANGLE(50%): 360°

## Up/Down Linear

Suspended from the ceiling, this strikingly beautiful luminaire combines brilliant aesthetics with space-filling light.

### Transparent Optics

45% uplight and 55% downlight. And when it's switched off, clear lens means there's no visible light source.

### Construction

All contained within a premium-quality aluminium. High precision light guide made of PMMA material

### Easy To Maintain

All drivers are built-in, and can be replaced easily, which is more convenient to fix and maintain.

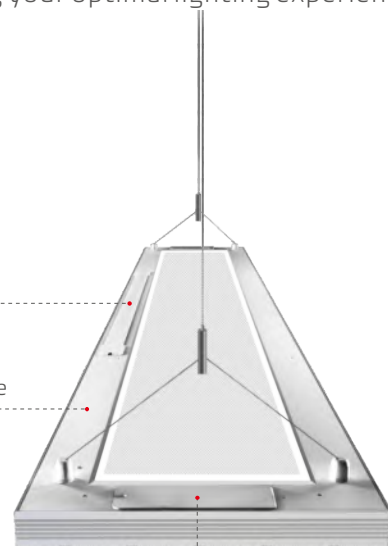


## Designed for All Projects CCT Select - puts flexibility at your fingertips

This linear's sturdy construction is paired with the ability to deliver light that provides both quality illumination and energy-efficient performance. Incorporating top quality lighting components, it is truly a modern luminaire that provides flexibility in how a space is illuminated, featuring independently-selectable color temperatures by using dip switches, you can choose several color temperatures, creating your optimal lighting experience.

All drivers are built-in, and can be replaced easily, which is more convenient to fix and maintain.

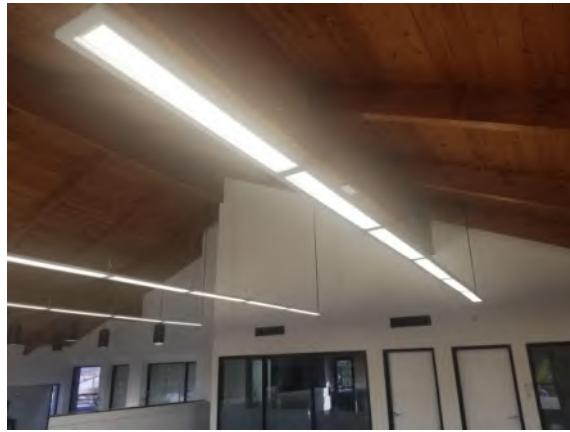
Dip switch for CCT adjustable



Seamless Continuous Runs



Office in NY, USA



## Seamless Continuous Runs

### Create Linear Lighting Atmosphere

#### Seamless and No gap

It's highly engineered luminaire joining design allows for simple and intuitive assembly in the field without tools. Its junction plate ensures that luminaire rows snap into a laser straight line.

#### Continuous Runs

One power can feed multiple lamps to minimize installation time and save labor cost. Runs of luminaires that are up to 80ft in length are designated. This means that the run is comprised of a combination 4ft and/or 8ft sections to be assembled on site using our joining system.

Model	Max Connecting QTY in 120VAC	Max Connecting QTY in 230VAC	Max Connecting QTY in 277VAC
DP4 - 4FT 40Watts	9 PCS	18 PCS	20 PCS
DP8 - 8FT 80Watts	4 PCS	8 PCS	10 PCS

Office in FL,USA



Reception Area in LA, USA

## DP Series

### DP4-DM-XXX



<b>Length</b>
4' (1200mm)
<b>Wattage</b>
40W
<b>Efficacy</b>
1050LM/FT
<b>CCT Selectable</b>
3000K, 3500K and 4000K by dip switch

### DP8-DM-XXX



<b>Length</b>
8' (2400mm)
<b>Wattage</b>
80W
<b>Efficacy</b>
1050LM/FT
<b>CCT Selectable</b>
N/A

#### LED

Color Temp: 3000K, 3500K, 4000K, 5000K or CCT Adjustable  
 CRI: >80  
 Lifetime: >50,000H L90 minimum

#### Driver

Internal & replaceable Driver  
 Input Voltage: 100-277V AC or 110-347V AC  
 0-10V Dimming  
 Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

#### General

Finish: Alpine white  
 Materials: Anodised Aluminium  
 Listings: UL, FCC, DLC, CE, LM79, LM80  
 Warranty: 5 years Limited

#### Mounting

Mounting: Pendant  
 Ceiling type: Dry ceiling or drop ceiling

#### Function Options

Emergency option



## UP/Down Linear

### Canopy Style



1.6 in. round



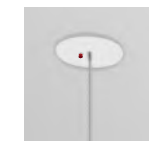
1.6 in. square



4.5 in. round



4.5 in. square



4.5 in. round w/ EM



4.5 in. square w/ EM

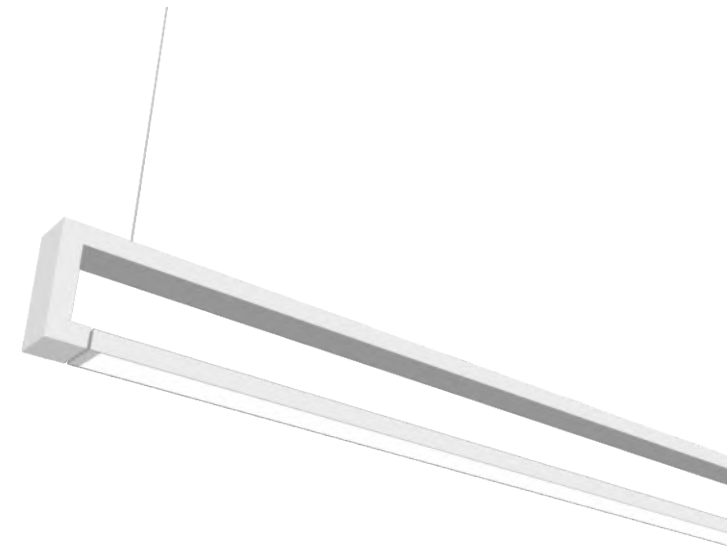
### T-Grid Hangers For Drop Ceiling



T-Grid Hanger (Feed)

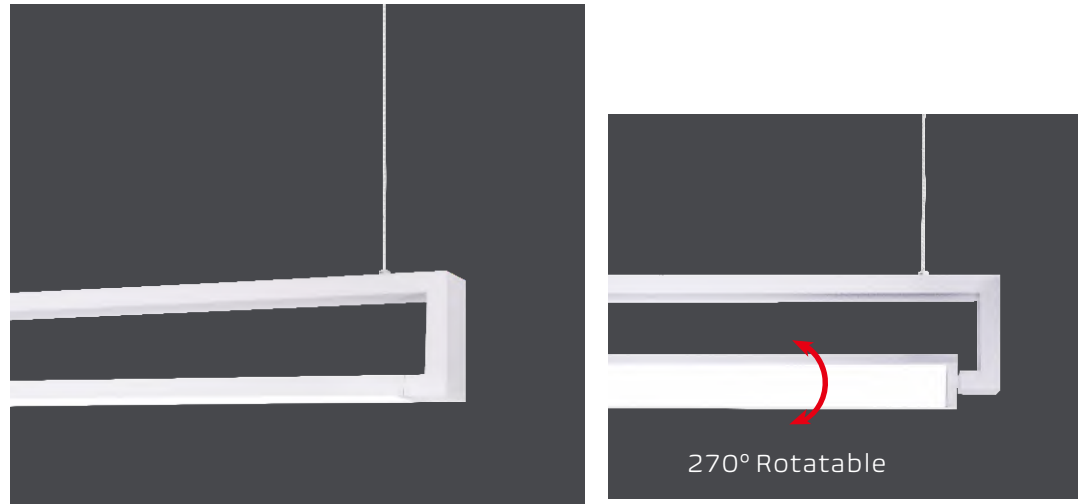


T-Grid Hanger(Non-Feed)



## Rotatable Angle Linear LED Luminaire

This linear's sturdy construction is paired with the ability to deliver light that provides both quality illumination and energy-efficient performance.



## New Experience- Rotatable Beam Angle

The innovative adjustable beam angle design makes it more flexible. It is truly a modern luminaire that provides flexibility in how a space is illuminated.





Pendant



<b>External Driver</b>
<b>Length</b>
4' (1200MM)
<b>Wattage</b>
40W
<b>Efficacy@3500K</b>
625 lm/ft
<b>Luminous Flux</b>
2500 lm
<b>Rotatable Angle</b>
270°

Wall Mount



<b>Internal Driver</b>
<b>Length</b>
2' (600MM)
<b>Wattage</b>
20W
<b>Efficacy@3500K</b>
615 lm/ft
<b>Luminous Flux</b>
1230 lm
<b>Rotatable Angle</b>
270°

Wall Mount



<b>Internal Driver</b>
<b>Length</b>
4' (1200MM)
<b>Wattage</b>
40W
<b>Efficacy@3500K</b>
625 lm/ft
<b>Luminous Flux</b>
2500 lm
<b>Rotatable Angle</b>
270°

Canopy Style



1.6 in. round



1.6 in. square

**LED**

Color Temp: 3000K,3500K,4000K,5000K

CRI: >80

Lifetime:>50,000H L90 minimum

**Driver**

Internal & External

Input: 100-277V AC

1-10V Dimming

Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

**General**

Finish: Alpine White

Materials: Anodised Aluminium

Listings: UL

Warranty: 5 Years Limited

**Mounting**

Pendant , wall mounts available

**Function Options**

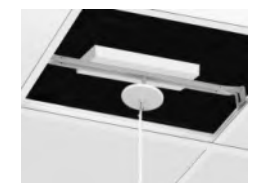
Emergency option

Sensor option

**Standard External Driver**



Dry ceiling



Drop Ceiling

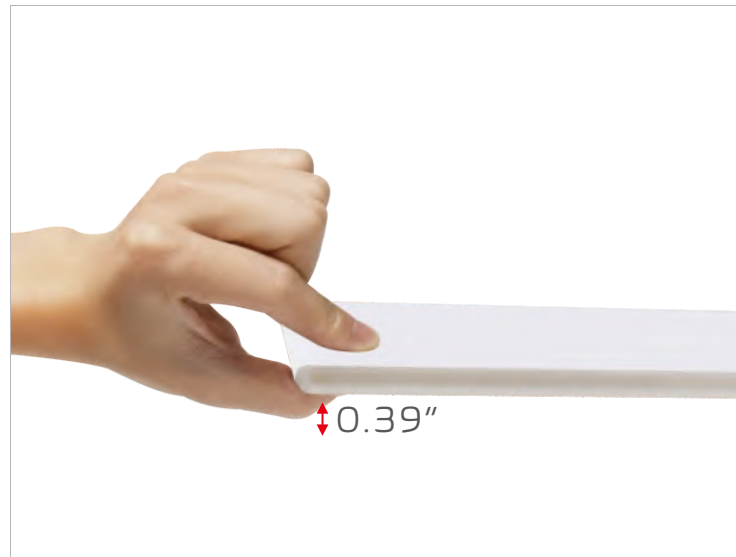




## Ultra Slim Linear LED Luminaire

It brings clean lines and clear light to commercial interiors of all kinds. Our sleek, stylish LED linear suspensions offer highly effective and efficient lighting solutions.





## Ultra Slim Profile

Only 0.39" thickness and 2.99" height, delivering modern lighting performance while matching the desired aesthetic of any interior space.

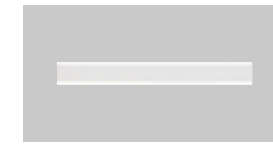




Wall Mount



External Driver
Length
2' (505MM)
Wattage
17W
Efficacy@3500K
664 lm/ft
Luminous Flux
1328 lm
Lighting Distribution
Direct & Indirect



External Driver
Length
3' (805MM)
Wattage
34W
Efficacy@3500K
746 lm/ft
Luminous Flux
2240 lm
Lighting Distribution
Direct & Indirect

Pendant



External Driver
Length
4' (1200MM)
Wattage
34W
Efficacy@3500K
550 lm/ft
Luminous Flux
2200 lm
Lighting Distribution
Direct

LED

Color Temp: 3000K,3500K,4000K,5000K  
 CRI: >80  
 Lifetime: >50,000H L90 minimum

Driver

External  
 Input Voltage: 100-277V AC  
 1-10V Dimming  
 Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

General

Finish: Alpine White  
 Materials: Anodised Aluminium  
 Listings: UL  
 Warranty: 5 Years Limited

Mounting

Pendant, wall mounts available

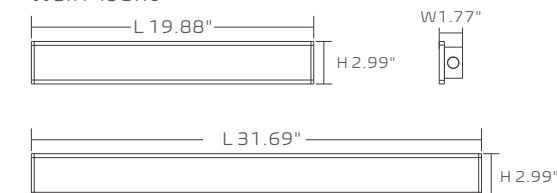
Function Options

Emergency option  
 Sensor option

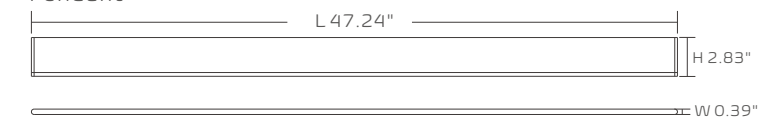


Dimensions

Wall Mount



Pendant



## Architectural Slim Linear Made Affordable

### LR – Recessed linear

The revolutionary LR series features popular 4", 6" width and length up to 8' with external driver. It provides powerful lines in any recessed applications.



### LS- Surface linear

The bold, sleek design of the LS is aesthetically pleasing to any space. It is 4", 6" width and length up to 4' with internal driver. It supports both surface and recessed mounts.



## Recessed Linear

Rethink recessed linear fixture family with external driver is designed to please wholesalers, architects, contractors and designers. It will be your go-to-choice for offices, schools, hospital, corridor light industrial spaces or anywhere stylish lines of light are desired.

### Apertures

The revolutionary LR series features popular 4", 6" width and length up to 8', it provides powerful lines in any applications.

### Performance

Extruded aluminum narrow frame with seamless design can provide superior thermal management to ensure long life and uniform and broad illumination.





It works with most ceiling type which will be your go-to-choice for offices, schools, hospital, corridor light industrial spaces or anywhere stylish lines of light are desired.







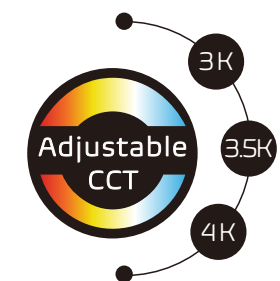
## CCT Adjustable- puts flexibility at your fingertips

### Configure 18 options with only 6 SKUs

Most of our customers have been struggling with inventory control, thanks to the CCT adjustable technology, you can now fulfill more orders with fewer SKUs!

### Quick-Ship Friendly

By using Dip switches located on the back, you can choose from three color temperatures 3000K, 3500K and 4000K or customize, creating your optimal lighting experience.



LR24



<b>Dimension</b>
4"X2'
<b>Length</b>
2' (600MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
20W
<b>Efficacy</b>
850 lm/ft

LR44



<b>Dimension</b>
4"X4'
<b>Length</b>
4' (1213MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
40W
<b>Efficacy</b>
900 lm/ft

LR84



<b>Dimension</b>
4"X8'
<b>Length</b>
8' (2432MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
80W
<b>Efficacy</b>
900 lm/ft

LR26



<b>Dimension</b>
6"X2'
<b>Length</b>
2' (600MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
20W
<b>Efficacy</b>
1000 lm/ft

LR46



<b>Dimension</b>
6"X4'
<b>Length</b>
4' (1213MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
40W
<b>Efficacy</b>
1000 lm/ft

LR86



<b>Dimension</b>
6"X8'
<b>Length</b>
8' (2432MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
80W
<b>Efficacy</b>
1000 lm/ft

LED

CRI: >80  
 Color Temp: 3000K,3500K,4000K,5000K or CCT Adjustable  
 Lifetime: >50,000H L90 minimum  
 Beam Angle: 120°

General

Finish: Alpine White  
 Materials: Extruded Aluminum  
 Listings: UL, FCC, LM80  
 Warranty: 5 years Limited  
 Mounting: Recessed

Driver

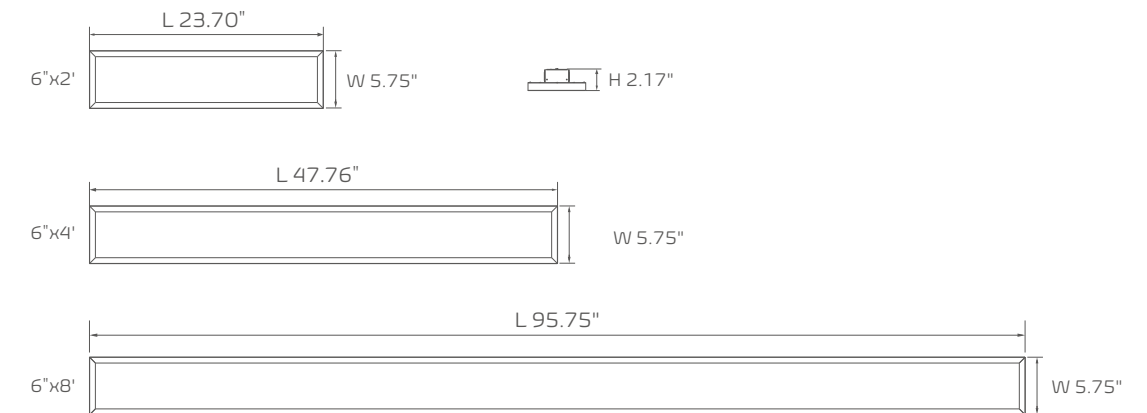
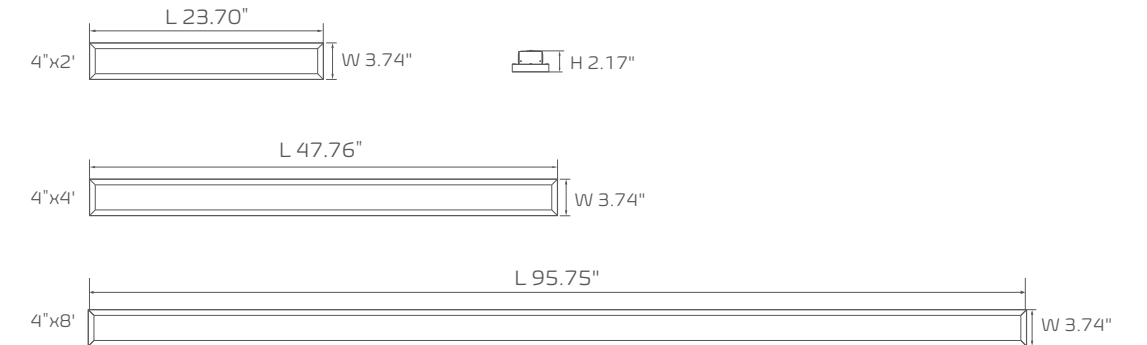
120-277V External Driver  
 1-10V Dimming  
 \* Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

Function Options

Emergency option  
 Sensor option



Dimension





## Surface Mount, New Fashion

It is a high performance luminaire, featuring top-end performance paired with a modern aesthetic, the true ingenuity comes from its unique construction.

### Built-in driver, Ultra-thin profile

It is integrated with surface mounted and recessed with built-in driver. Only 0.94" thickness makes it able to be installed the LED light just about anywhere.



### Apertures

Available in 4" and 6" widths in two fixed lengths 2', 4' or customize, delivering modern lighting performance while matching the desired aesthetic of any interior space.

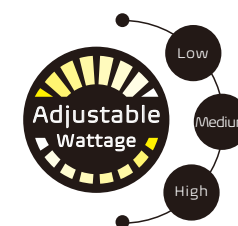




## Win More Projects CCT & Wattage Adjustable

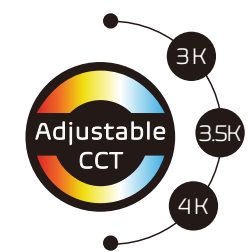
### Wattage Adjustable

LS series is stocked with wattage select helping wholesaler lowering their stock risk while providing designers, contractors and engineers with the ultimate control of their space. It is capable of changing between three selectable wattage levels with the simple slide of a switch.



### CCT Adjustable

By using Dip switches located on the back, you can choose from three color temperatures 3000K, 3500K and 4000K, creating your optimal lighting experience.





## LS Series

## Surface Mounted Linear

### LS24

<b>Dimension</b>
4"X2'
<b>Length</b>
2' (600MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
20W
<b>Efficacy</b>
850 lm/ft

### LS44

<b>Dimension</b>
4"X4'
<b>Length</b>
4' (1213MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage Selectable</b>
20W,30W,40W
<b>Efficacy</b>
850 lm/ft

### LS26

<b>Dimension</b>
6"X2'
<b>Length</b>
2' (600MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage</b>
20W
<b>Efficacy</b>
900 lm/ft

### LS46

<b>Dimension</b>
6"X4'
<b>Length</b>
4' (1213MM)
<b>CCT Adjustable</b>
3000K, 3500, 4000K
<b>Wattage Selectable</b>
20W,30W,40W
<b>Efficacy</b>
1000 lm/ft

#### LED

CRI: >80  
 Color Temp: 3000K,3500K,4000K,5000K, or CCT Adjustable  
 Lifetime: >50,000H L90 minimum  
 Beam Angle: 112°

#### General

Finish: Alpine White  
 Materials: Extruded Aluminum  
 Listings: UL, FCC, LM80  
 Warranty: 5 years Limited  
 Mounting: Surface Mounted and Recessed

#### Driver

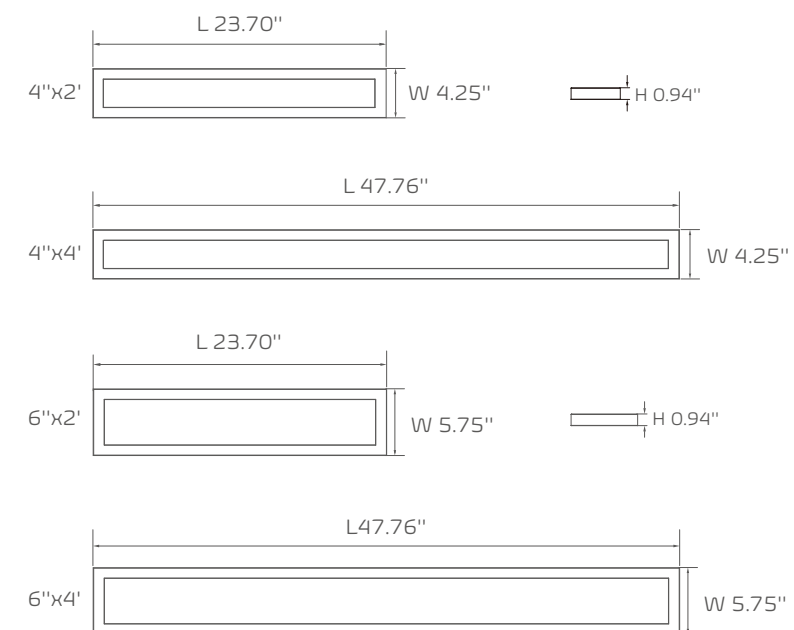
Power Factor > 0.90  
 110-347V External Driver  
 1-10V Dimming  
 \* Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

#### Function Options

Emergency option  
 Sensor option



#### Dimension



## Commercial Downlights 8 Years Experience, Keep Innovation



### Deep recessed downlights

3rd generation since 2013. It is the ideal way to retrofit incandescent, CFL and HID to LED into existing recessed housing or frame-in kit.



### J-box Downlights

Integrated J-Box for direct wire eliminated recessed lighting housing which is suitable for new construction.



### Copa 3" Downlights

The MR16 standard size design make them widely practical. It is equipped by quick-connect structure.



## The original commercial retrofit downlight in the U.S

A smart design that 80 lm/w makes one LED engine fit all this product.

### Structure:

Spun aluminum reflector integrate with haze finish and white trim ring with shadow free, deeply regressed diffusing lens conceals the LEDs from direct view.

### Applications:

It is designed and engineered for recessed applications, which is suitable for commercial and public places, such as shopping mall, hospital, airport, hotel lobby, etc.

### Mounting:

It is provided with spring steel friction clips allowing for installation in a variety of commercial recessed open frame rough-in sections.

### LED Driver:

Isolated and class 2 output led driver that accommodates input voltages from 100-277 volts AC or 100-347 volts AC, is dimmable with the use of most 0-10V wall box dimmers.





## Twist and lock engine allow easy modifications on site

### 1) Interchangeable Trim

Spun aluminum reflector integrate with haze finish and white trim ring with shadow free. Deeply regressed diffusing lens conceals the LEDs from direct view.



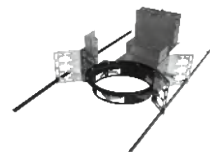
### 2) 2nd Gen Engine

Light engine is mounted directly to aluminum trim providing superior thermal management to ensure long life



### 3) New Construction Frame

steel housing frames are suitable for new construction. They are available in 4inch,6inch,8inch and 10inch



“ Our customers trust us because they know they can trust our products. We test all products in our in-house labs and constantly optimize the product to make sure they meet our stringent standards.”





Hotel Lobby in NY, USA

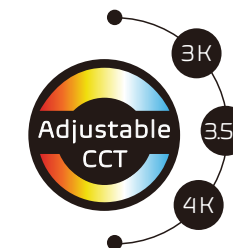
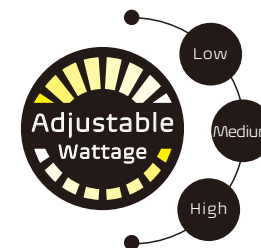
CES Series

Deep Regressed Downlights



## Win More Projects CCT & Wattage Selectable

A selectable slide switch comes standard with three selectable wattage levels and three selectable color temperatures, providing the flexibility to adapt to the changing needs of the space, setting, or environment.



18 W



<b>Input Power</b>
18W
<b>Efficacy</b>
85LM/W
<b>CCT Adjustable</b>
3000K
3500K
4000K
<b>Trim Options</b>
4",6",8"

27 W



<b>Input Power</b>
27W
<b>Efficacy</b>
85LM/W
<b>CCT Adjustable</b>
3000K
3500K
4000K
<b>Trim Options</b>
4",6",8",10"

40 W



<b>Wattage Selectable</b>
18W,27W,40W
<b>Efficacy</b>
85LM/W
<b>CCT Adjustable</b>
3000K
3500K
4000K
<b>Trim Options</b>
6",8",10"

54 W



<b>Input Power</b>
54W
<b>Efficacy</b>
80LM/W
<b>CCT</b>
3000K
3500K
4000K
<b>Trim Options</b>
8",10"

80 W



<b>Wattage Selectable</b>
50W,65W,80W
<b>Efficacy</b>
85LM/W
<b>CCT Adjustable</b>
3000K
3500K
4000K
<b>Trim Options</b>
8",10"

**LED**

CRI: >80  
Lifetime: >50,000H L90 minimum

**Driver**

THD<20%  
Power Factor>0.90  
100-277V external 0-10V dimmable driver  
110-347V external 0-10V dimmable driver  
\* Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

**General**

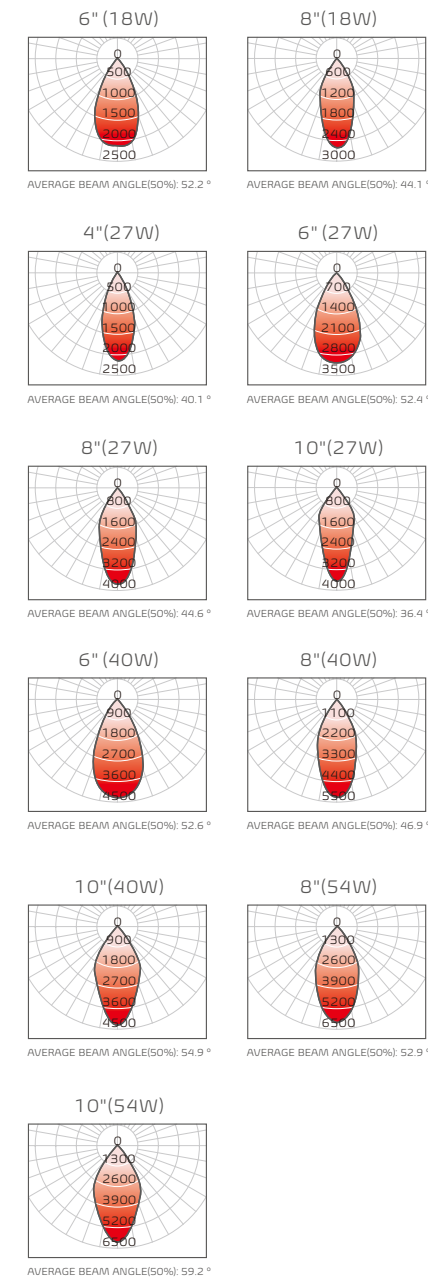
Finish: Alpine silver  
Materials: Extruded Aluminum  
Listings: UL, FCC, ES, LM79, LM80  
Warranty: 5 years Limited  
Mounting: Recessed

**Function Options**

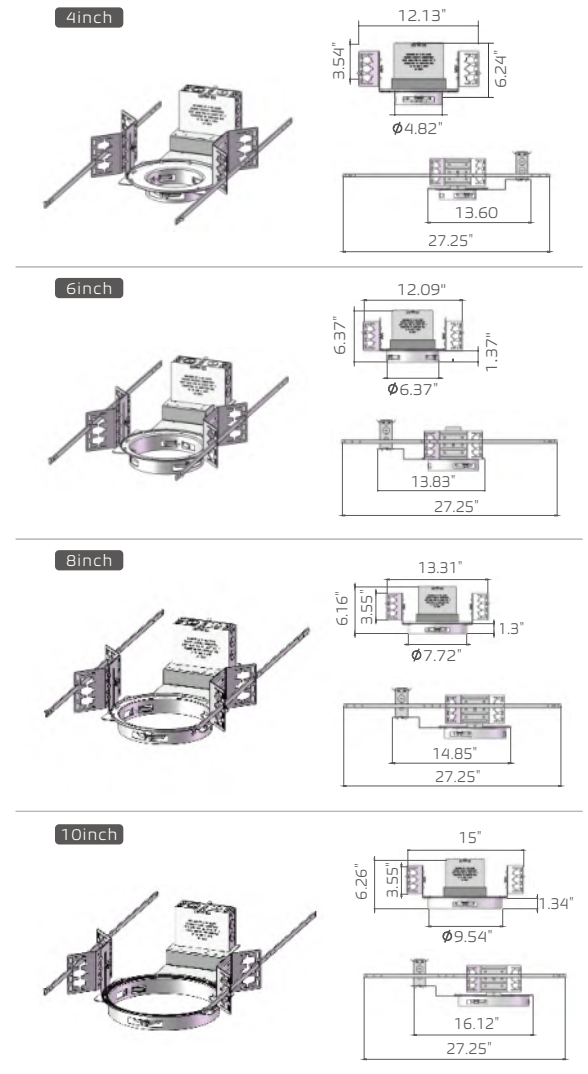
Emergency option



**Luminous Intensity Distribution Diagram**



**Optional Housing**





## New Construction in Mind

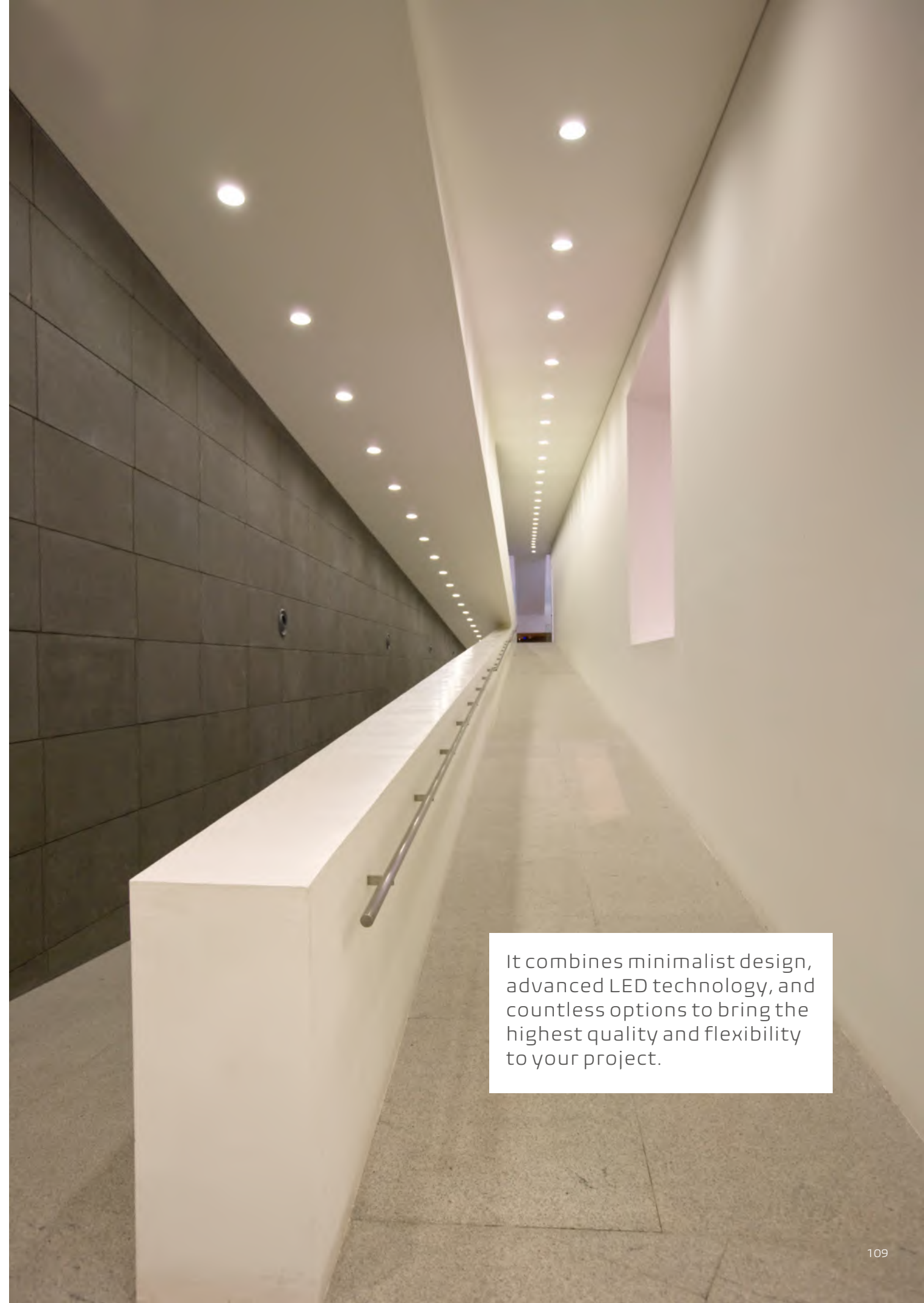
The ultimate downlight series that works in any space!  
Industry leading modular system design.

### Structure

The split design features an advanced LED light engine mounted directly to the aluminum haze trim with integral white trim ring. Traditional recessed housing frame-in-kit is eliminated. The innovative separable design of junction box and trim makes it more flexible and can reduce inventory. One engine allows for seamless integration of multiple trim options with easy and tool-free installation.

### Quick Mounting

Easy-fit installation comes from adjustable spring-action housing clips. It is designed and engineered for new construction, such as shopping mall, hospital, airport, hotel lobby.



It combines minimalist design, advanced LED technology, and countless options to bring the highest quality and flexibility to your project.

# Modularity

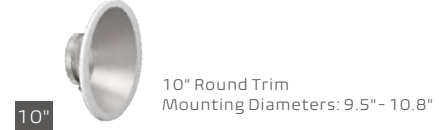
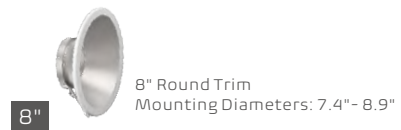
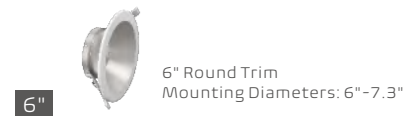
## All-in-One Solution

It is a breakthrough addition to the downlighting family. It takes the One engine's exceptional flexibility, simplicity and performance and reimagines it in a square format that delivers perfect alignment every time.

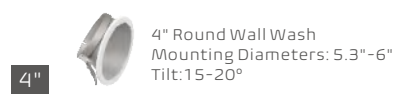
## All benefits of the OneEngine

It is the perfect foundation for a fully interchange system of modules and trims that give your endless choice over how your lighting works and looks.

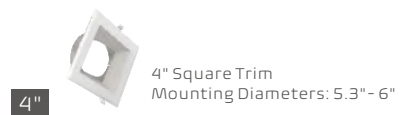
### Round Trim



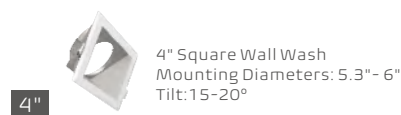
### Round Wall Washer



### Square Trim



### Square wall washer





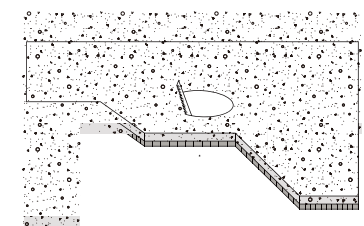
## Flawless No Can, No Extra Labor Required

### No Housing Required

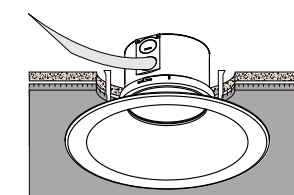
It is built with an integral junction box that eliminates the need for a traditional recessed housing and mounts directly into ceiling in the new construction, saving job site cost.

### Quick & simple Installation

A low profile features make it easy to be installed in new construction projects. The fixture simply gets wired to a wall switch and placed into the ceiling - no can, bulb or extra labor required!



1. Cut appropriate size hole in ceiling

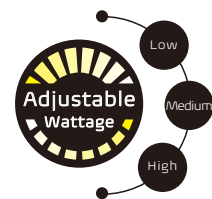
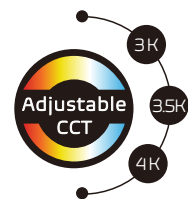


2. Wired and clip into opening  
3. Snap fixture into the cut-out ceiling



## Win More Projects CCT & Wattage Adjustable

A selectable slide switch comes standard with three selectable wattage levels and three selectable color temperatures, providing the flexibility to adapt to the changing needs of the space, setting, or environment.





<b>Input Power</b>
10 Watts
<b>CCT Adjustable</b>
3000K 65LM/W
4000K 80LM/W
5000K 70LM/W
<b>Trim Options</b>
Round: 4", 6", 8", 10"
Square: 4", 6"
Round Wall Wash: 4", 6"
Square Wall Wash: 4", 6"

<b>Input Power</b>
15 Watts
<b>CCT Adjustable</b>
3000K 70LM/W
4000K 85LM/W
5000K 75LM/W
<b>Trim Options</b>
Round: 4", 6", 8", 10"
Square: 4", 6"
Round Wall Wash: 4", 6"
Square Wall Wash: 4", 6"

<b>Input Power</b>
20 Watts
<b>CCT Adjustable</b>
3000K 70LM/W
4000K 80LM/W
5000K 70LM/W
<b>Trim Options</b>
Round: 4", 6", 8", 10"
Square: 4", 6"
Round Wall Wash: 4", 6"
Square Wall Wash: 4", 6"

<b>Wattage Selectable</b>
27/34/40 Watts
<b>CCT Adjustable</b>
3000K 80LM/W
3500K 95LM/W
4000K 85LM/W
<b>Trim Options</b>
Round: 4", 6", 8", 10"
Square: 4", 6"
Round Wall Wash: 4", 6"
Square Wall Wash: 4", 6"

**LED**

CRI: >80  
Lifetime: >50,000H L90 minimum

**Driver**

THD<20%  
Power Factor: PF>0.90  
120-347V internal 10-10V dimmable driver  
\* Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

**General**

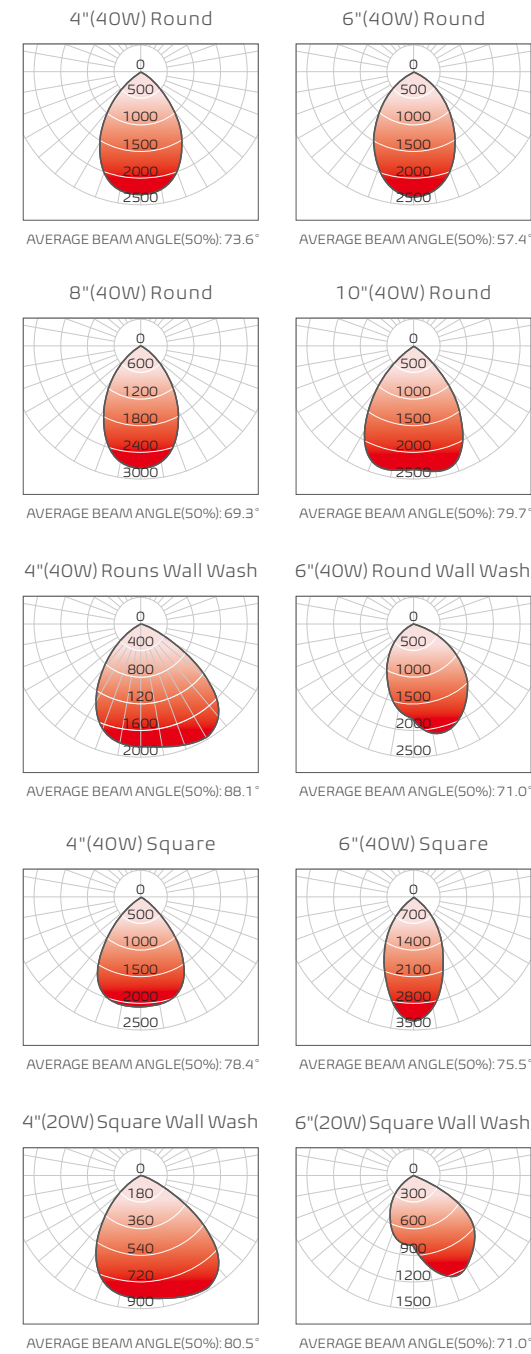
Finish: Alpine silver  
Materials: Extruded Aluminum  
Listings: UL, FCC, ES, LM79, LM80  
Warranty: 5 years Limited  
Mounting: Recessed

**Function Options**

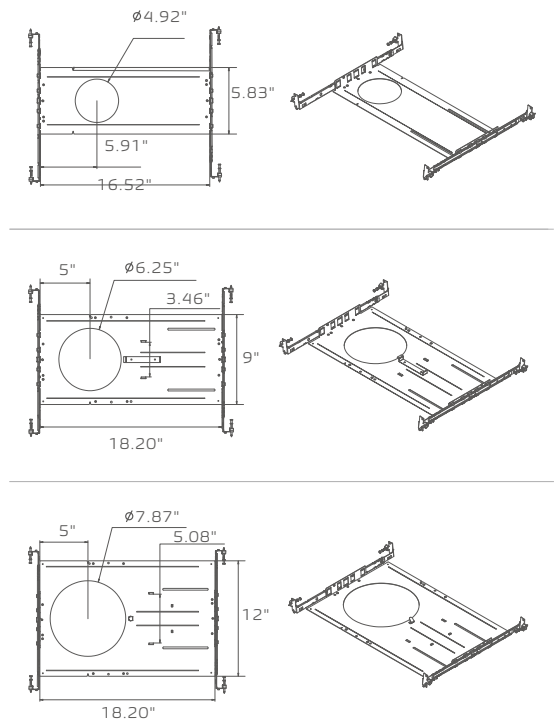
Emergency option



**Luminous Intensity Distribution Diagram**



**Housing Options**

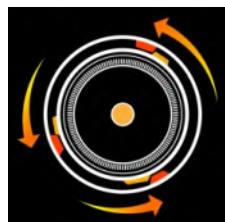




## It's all in the twist

### Connect LED engine and optics in a fast way

It was created to make your job easy. Its broad compatibility simplifies the specification process making installing or replacing the light and trim fast and tool-free. In addition, it is highly flexible, allowing you to vary colors and arrangements easily.



The Twist & Lock feature allows for easy, tool-free installations and seamless integration of multiple optics and trim options.





## A Brilliant Innovation Created With Multifamily In Mind

Thanks to a unique low profile and small aperture design, it provides you with high quality, cost effective LED lighting in practically any space. Plus, simplifies installation and maintenance and blends into any aesthetic. It's performance and value all in one compact package.





## Excellence Heatsink Exceeds Expectations

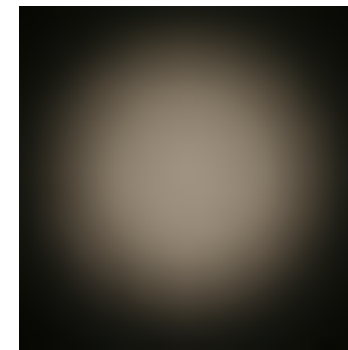
It offers the lamp itself maximum space to achieve finest emitting effect. Non-parallel heat fins can create great air convection and quickly remove the heat out. The temperature of all heatsinks are controlled at 60-70°C.

18W LED engine are controlled at 70°C when it's working. The temperature will be decreased after connected with optics, as the optics is made of metal material.



## True color, every time

90+ CRI, produces outstanding illumination at a tight chromaticity specification and color binning process to ensure CRI and CCT consistency. It also offers an exceptionally long life and optimized form factors, as well as vivid color in a range of hues.



High Efficiency Lens Series



15° 24° 36° 60°



High Efficiency Reflector Series



15° 25° 38° 60°



Low Profile Lens Series



15° 24° 36° 60°



Low Glare Lens Serie



18° 28° 38° 60°



Architecture Design Lens Series.



36°

## The Magic Of Optics

### Powerful light in a compact package

There are 5 kinds of optics. All optics uses metal bracket to make sure durability and texture. The MR16 standard size(diameter 1.96")design make them widely practical. It is equipped by quick-connect structure, easy and fast to change the optic.

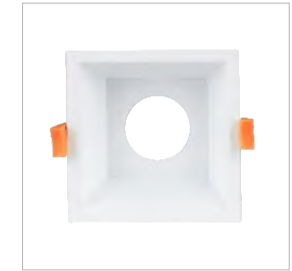


CP3 Series

Copa 3" Downlights



Round Trim



Square Trim



Adjustable Round Trim



Adjustable Square Trim

## Whatever Your Needs, There's A Perfect Match For Your Project

We offer highly customizable options for trim color, finish and shape. That means you can choose whether the fixture blends in seamlessly or provides a striking contrast.

10W 80+ CRI



<b>Input Power</b>
10 Watts
<b>Luminous Flux</b>
>1000 lm
<b>Efficacy</b>
100 lm/w
<b>Beam Angle</b>
15°, 24°, 36°, 60°
<b>Input Voltage</b>
AC 120V (TRIAC Dimming) AC 100-277V (Non-dimming)

10W 90+ CRI



<b>Input Power</b>
10 Watts
<b>Luminous Flux</b>
>900 lm
<b>Efficacy</b>
90 lm/w
<b>Beam Angle</b>
15°, 24°, 36°, 60°
<b>Input Voltage</b>
AC 120V (TRIAC Dimming) AC 100-277V (Non-dimming)

18W 80+ CRI



<b>Input Power</b>
18 Watts
<b>Luminous Flux</b>
>2000 lm
<b>Efficacy</b>
111 lm/w
<b>Beam Angle</b>
15°, 24°, 36°, 60°
<b>Input Voltage</b>
AC 120V (TRIAC Dimming) AC 100-277V (Non-dimming)

18W 90+ CRI



<b>Input Power</b>
18 Watts
<b>Luminous Flux</b>
>1700 lm
<b>Efficacy</b>
95 lm/w
<b>Beam Angle</b>
15°, 24°, 36°, 60°
<b>Input Voltage</b>
AC 120V (TRIAC Dimming) AC 100-277V (Non-dimming)

LED

CCT: 3000K, 4000K
Chip: Bridgelux COB LED Chip
CRI: 80+ or 90+ Options
Lifetime: >50,000H L90 minimum
SDCM:<10

Driver

THD<20%
Power Factor: PF>0.90
External UL Driver

General

Size: Fit in most Mr16 LED downlight converters
Materials: Extruded Aluminum
Listings: UL, CE, LM79, LM80
Warranty: 5 years Limited
Mounting: Recessed

Function Options

Emergency option
------------------

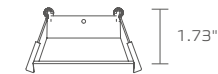
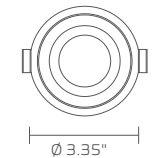


Trim Options

Round Trim



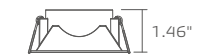
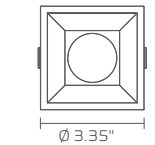
Matt White Matt Black  
Ø2.95"-3.03" Cutout



Square Trim



Matt White Matt Black  
Ø2.95"-3.03" Cutout



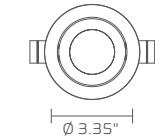
Adjustable Round Trim



Matt White Satin Chrome Matt Black



Ø2.83"-2.95" Cutout



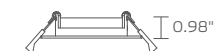
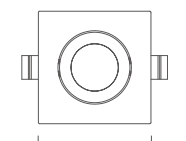
Adjustable Square Trim



Matt White Matt Black

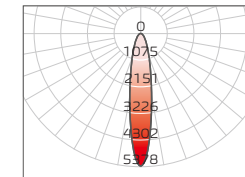


Ø2.83"-2.95" Cutout



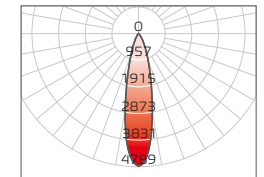
Luminous Intensity Distribution Diagram

15°-10W-3000K



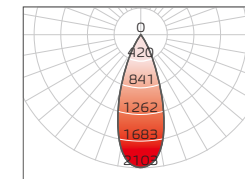
AVERAGE BEAM ANGLE(50%): 18.5°

24°-10W-3000K



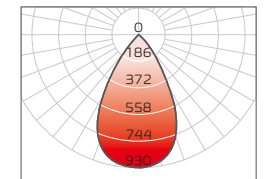
AVERAGE BEAM ANGLE(50%): 21.4°

36°-10W-3000K



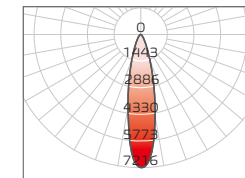
AVERAGE BEAM ANGLE(50%): 36.1°

60°-10W-3000K



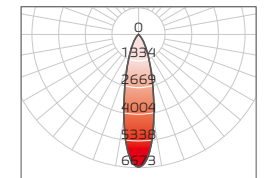
AVERAGE BEAM ANGLE(50%): 60.6°

15°-18W-3000K



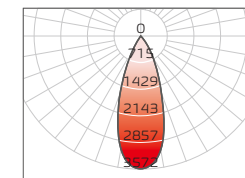
AVERAGE BEAM ANGLE(50%): 23.1°

24°-18W-3000K



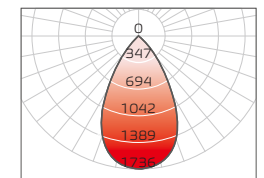
AVERAGE BEAM ANGLE(50%): 25.6°

36°-18W-3000K



AVERAGE BEAM ANGLE(50%): 37.2°

60°-18W-3000K



AVERAGE BEAM ANGLE(50%): 59.3°

## The Revolutionary And Rethink Luminaires



### Indirect Troffers

Transparent optics, controlled up light and down light distribution, providing a unique translucent appearance without sacrificing performance.



### Architectural Troffers

High central optical grade lens provide good efficiency and impact resistance. It is architectural lighting solution for commercial and institutional environments.



### Ultra-thin surface panels

The unique internal driver makes it only 0.67" thickness. Only 0.12" gap between the panel and the dry ceiling for surface mounted installation.



# Indirect Troffers Brings Your Space Elegant

### Floating Light Engine Direct And Indirect Light

Controlled up lighting and down lighting distributions that spans the light across the bottom of the luminaires precisely controlled optimal light distributions to the work surface and indirect ambient.

### Win More Projects CCT & Wattage Adjustable

It is stocked with wattage & CCT select helping wholesaler lowering their stock risk while providing designers, contractors and engineers with the ultimate control of their space. It is capable of changing between three selectable wattage levels with the simple slide of a switch.



### Transparent Optics

It show a nearly transparent luminaire when off, missing into the ceiling that bringing a cleaner architectural environment, making the illusion of the light floating in mid-air.



## TT Series

## Indirect LED Troffers



2'x2'



2'x4'

### Wattage Selectable

30/35/40 Watts

### CCT Adjustable

3000K, 3500K, 4000K

### Efficacy

110 lm/w

### Input Voltage

100-277V AC

### Wattage Selectable

30/40/50 Watts

### CCT Adjustable

3000K, 3500K, 4000K

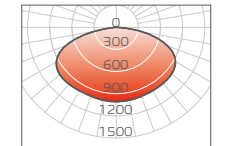
### Efficacy

110 lm/w

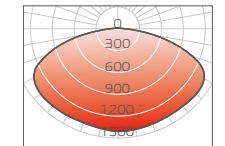
### Input Voltage

100-277V AC

### Distribution Diagram

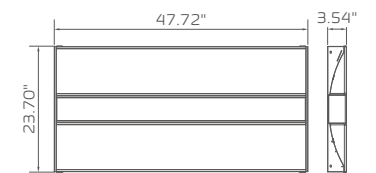
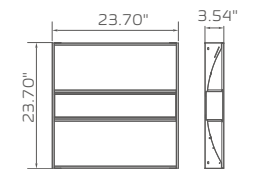


AVERAGE BEAM ANGLE(50%): 144.3°



AVERAGE BEAM ANGLE(50%): 146.1°

### Dimension



### LED

CRI: >80

THD: <20%

Lifetime: >50,000H L90 minimum

### Driver

External Driver

Power Factor: PF>0.90

0-10V dimming

\* Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

### General

Finish: Alpine White

Materials: Extruded Aluminum

Listings: UL, DLC, FCC, ES, LM80

Warranty: 5 years Limited

Mounting: Recessed

### Function Options

Emergency Option

Sensor Option







## Rethink Troffers Traditional Yet Modern Design

**Optics:**

High central optical grade lens providing good efficiency and impact resistance.

**Mouting:**

Recessed Luminaire, fits Standard T-Grid Ceilings.

**Optional Function:**

Motion Sensor and emergency backup options Available.

**Applications:**

It is perfect for new construction applications or retrofitting existing fluorescent troffer fixtures with recessed installation, widely used in office spaces, major retail stores, education, government, healthcare, and hospitality.





## TR Series

## Architectural Troffers



2'x2'

<b>Input Power</b>
40 Watts
<b>Luminous Flux</b>
4400 lm
<b>Efficacy</b>
110 lm/w
<b>DLC CCT:</b>
3000K,3500K, 4000K,5000K
<b>Input Voltage</b>
100-277 VAC or 120-347VAC



2'x4'

<b>Input Power</b>
40 Watts
<b>Luminous Flux</b>
4400 lm
<b>Efficacy</b>
110 lm/w
<b>DLC CCT:</b>
4000K,5000K
<b>Input Voltage</b>
100-277 VAC or 120-347VAC



1'x4'

<b>Input Power</b>
62 Watts
<b>Luminous Flux</b>
6820 lm
<b>Efficacy</b>
110 lm/w
<b>DLC CCT:</b>
3000K,3500K, 4000K,5000K
<b>Input Voltage</b>
100-277 VAC or 120-347VAC

### LED

CRI: >80  
Color Temp: 3000K,3500K,4000K,5000K  
Lifetime: >50,000H L90 minimum

### Driver

External Driver  
Power Factor: PF>0.90  
0-10V dimming  
\* Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

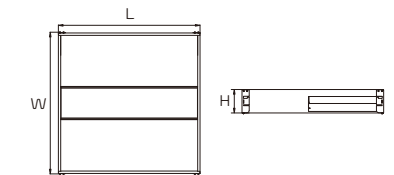
### General

Finish: Alpine White  
Materials: Extruded aluminum  
Listings: UL, DLC, FCC, ES, LM80  
Warranty: 5 years Limited  
Mounting: Recessed

### Function Options

Emergency Option  
Sensor Option

### Dimensions



Size	L	W	H
TR14	47.72"	11.77"	3.94"
TR22	23.82"	23.82"	3.94"
TR24	47.72"	23.82"	3.96"





## Revolutionary Ultra-thin surface mounted panels

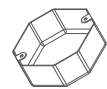
### One- Stop Shop

Available in 4", 6", 8", 1'x1', 1'x2', 2'x2', 2'x4', 1'x4' Options to meet your different needs with UL, ETL, DLC, Energy Star Listed and Indoor use only.

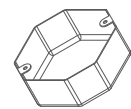
### Thinnest Surfaced Mounted

The unique internal driver makes the panel only 0.67" thickness. Only 0.12" gap between the panel and the dry ceiling for surface mounted installation.

### Internal Driver And Slotted Design Compatible With Multiple Size Of Junction Boxes



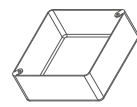
3" Octagon: 2-1/8" Deep



4" Octagon: 2-1/8" Deep




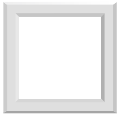
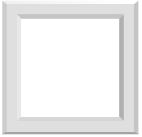
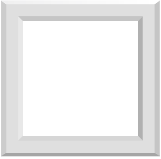
4" Round: 2-1/8" Deep







4" Square: 2-1/8" Deep



# FS Series

			
4"	6"	8"	1'x1'
<b>Input Power</b>	<b>Input Power</b>	<b>Input Power</b>	<b>Input Power</b>
10 Watts	12 Watts	16 Watts	18 Watts
<b>Luminous Flux</b>	<b>Luminous Flux</b>	<b>Luminous Flux</b>	<b>Luminous Flux</b>
700 lm	900 lm	1250 lm	1700 lm
<b>Efficacy</b>	<b>Efficacy</b>	<b>Efficacy</b>	<b>Efficacy</b>
70 lm/w	75 lm/w	78 lm/w	95 lm/w
<b>Input Voltage</b>	<b>Input Voltage</b>	<b>Input Voltage</b>	<b>Input Voltage</b>
120/100-277V AC	120/100-277V AC	120/100-277V AC	100-277V AC
<b>CRI</b>	<b>CRI</b>	<b>CRI</b>	<b>CRI</b>
>90	>90	>90	>80
<b>Dimming Type</b>	<b>Dimming Type</b>	<b>Dimming Type</b>	<b>Dimming Type</b>
TRIAC Dimming(120V)	TRIAC Dimming(120V)	TRIAC Dimming(120V)	0-10V Dimming
<b>Mounting</b>	<b>Mounting</b>	<b>Mounting</b>	<b>Mounting</b>
Recessed, Surface Mounted	Recessed, Surface Mounted	Recessed, Surface Mounted	Recessed, Surface Mounted

		
1'x4'	2'x4'	
<b>Input Power</b>	<b>Input Power</b>	<b>Input Power</b>
40 Watts	40 Watts	50 Watts
<b>Luminous Flux</b>	<b>Luminous Flux</b>	<b>Luminous Flux</b>
4400 lm	4400 lm	5500 lm
<b>Efficacy</b>	<b>Efficacy</b>	<b>Efficacy</b>
110 lm/w	110 lm/w	110 lm/w
<b>Input Voltage</b>	<b>Input Voltage</b>	
100-277V AC	100-277V AC	
<b>CRI</b>	<b>CRI</b>	
>80	>80	
<b>Dimming Type</b>	<b>Dimming Type</b>	
0-10V Dimming	0-10V Dimming	
<b>Mounting</b>	<b>Mounting</b>	
Recessed, Surface Mounted, Suspending	Recessed, Surface Mounted, Suspending	

	
1'x2'	2'x2'
<b>Input Power</b>	<b>Input Power</b>
25 Watts	40 Watts
<b>Luminous Flux</b>	<b>Luminous Flux</b>
2500 lm	4400 lm
<b>Efficacy</b>	<b>Efficacy</b>
100 lm/w	110 lm/w
<b>Input Voltage</b>	<b>Input Voltage</b>
100-277V AC	100-277V AC
<b>CRI</b>	<b>CRI</b>
>80	>80
<b>Dimming Type</b>	<b>Dimming Type</b>
0-10V Dimming	0-10V Dimming
<b>Mounting</b>	<b>Mounting</b>
Recessed, Surface Mounted	Recessed, Surface Mounted, Suspending

**LED**  
 CRI: >80  
 Color Temp: 3000K,3500K,4000K,5000K  
 Lifetime: >50,000H L90 minimum

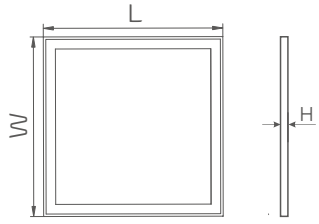
**General**  
 Driver: Internal  
 Finish: Alpine White  
 Materials: Anodised Aluminum  
 Listings: UL, DLC,FCC, ES, LM79, LM80  
 Warranty: 5 years Limited

**Function Options**  
 Emergency option



# Surface Mounted Panels

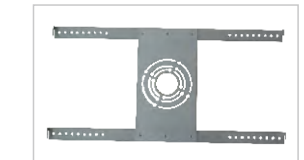
**Dimensions**



Size	L	W	H
4'	5.11"	5.11"	0.51"
6'	7.28"	7.28"	0.51"
8'	9.06"	9.06"	0.51"
1'x1'	11.85"	11.85"	0.98"
1'x2'	11.85"	23.70"	0.98"
1'x4'	11.70"	47.70"	0.68"
2'x2'	23.70"	23.70"	0.68"
2'x4'	23.70"	47.70"	0.68"

## Accessories

### 1. Surface - Surface mounted kit



This metal plate is equipped with screw holes for bolting to the ceiling, and 4 small static corner hooks on the mounting plate.

### 2. Recessed- Driver box



This metal box is equipped with screw holes for bolting to the panel to protect wires.

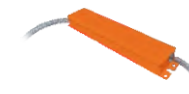
### 3. Suspended - Steel Cables



The ceiling end is comprised of pre-drilled disks for bolting into the ceiling, and the panel end has spring-clip fasteners.

## 3rd Generation LED Emergency Driver

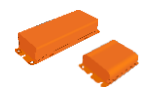
The 3rd Gen EM is a statement to show our customers OKT's innovation spirit. Ever year, we bring you exciting upgrades!



Pack-Low Voltage



Pack-High Voltage



Split Low Voltage



## WHAT UPGRADED?

More Powerful, More Versatile, More Economical

### Slimmer

Pack-8W | Gen 2 L14.80"xW2.13"xH1.38"  
Gen 3 L12.76"xW2.13"xH1.57"

Pack-25W | Gen 2 L17.14"xW2.13"xH1.57"  
Gen 3 L15.40"xW2.13"xH1.57"

Split-8W | Gen 2 Driver: L10.63"xW1.93"xH1.20"  
Battery: L4.25"xW2.13"xH1.34"  
Gen 3 Driver: L5.08"xW2.05"xH0.99"  
Battery: L3.47"xW2.33"xH0.97"

### CEC Certified

**BC** CEC Compliance  
California Energy Commission  
Title 20 efficiency standards

### More Reliable Self-Testing

Repeat 4 times in every 120 minutes if fail in the second test.

### More Compatible

Unrivaled emergency solution for any up to 300W LED luminaire.

### More Economical

Simplify design to make cost down

## WHY OKT?

### Experienced

OKT emergency drivers have been handling any lighting outage since 2013. And now, they have been upgraded to Gen 3 in 2020.

### Wide Compatibility

We vertically upgrade our product line to Gen2, and now Gen3. These emergency drivers can work with most LED luminaires up to 300W.

### Reliable

Annual sales are more than 50,000PCS. We made many projects all over in the united state, including office building, shopping mall, school, hospital, hotel, etc.

### Innovation

We constantly review our existing product line and apply the most updated technologies to ensure product competitive advantage.



## No Delays When Power Fails!

A simple equation for LED Product

### UP TO 300W LED



#### Operation

EM Series will immediately switches to the emergency mode, operating the LEDs at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the emergency driver then will automatically returns to the charging mode.

#### Product Highlight

- 2 versions to match your led products –
  - low voltage 8W, 25W
  - high voltage 8W, 25W
- AC and emergency operation in one compact low-profile case fewer wires to help simplify installation
- Designed with high-quality Lithium battery, provide up to 120 minutes when power fails
- Damp locations rated
- Pre-install service available
- 5-Year Limited Warranty
- QuickShip 3-7 days within North America
- UL and CEC Listed, field-installable
- Compatible for most LED Products





## Multiple Mounting Configuration

OKT emergency LED drivers work in conjunction with LED fixtures to serve as code-compliant emergency lighting sources. The emergency drivers can be installed inside, on top of, or remotely from the fixture, depending on the product, fixture and application.

### Dual Flex (Standard)

Provides dual flex for wiring to both the fixture or driver compartment and test accessories.



### Integral Non-Flex (Optional)

Allows for integral installation within the driver compartment. May also be mounted atop the fixture when used with a TMK cover accessory.



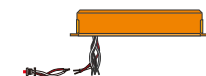
### Single Flex (Optional)

Mounts to the junction box and provides flexible conduit for remote mounting of the test accessories.

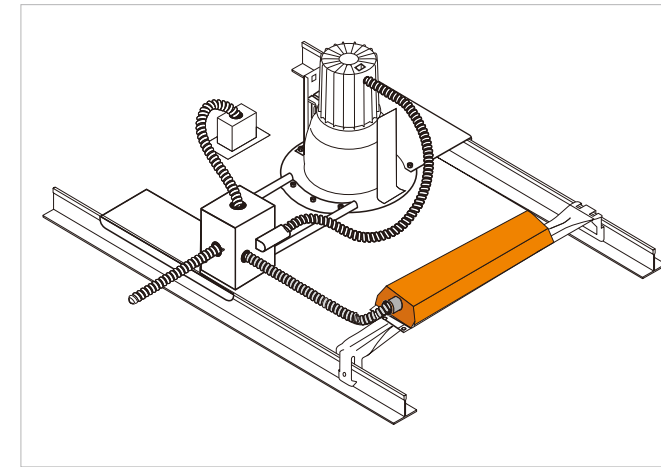


### Top-Mount Non-Flex (Optional)

Top-mounting option for running wires directly into the driver compartment. Test accessories are then installed within the fixture.







## Code-required testing

More Secure, More rigorous than the standard requirements.

- **Initial Self-Test After Installation**

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

- **Second Self-Test In 120 Minutes**

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

- **Monthly Self-Test**

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.

## LED Emergency Driver For Field Installation

OKT offers UL Listed, field-installable, emergency LED drivers. All of the OKT LED driver portfolio is UL listed for installation in the field.

**Benefits:**

Eliminate factory installed up charges.

Eliminate the legwork involved in the field-install process associated with UL Classified emergency LED drivers.

City and State often has building codes that Emergency backup (EM) work with a wide range of lighting applications.





## EM Series



<b>EM-L0854-LBF</b>
<b>output Power</b>
8 Watts
<b>Output Voltage</b>
15-54 DC
<b>Input Current</b>
70 mA (Max)
<b>Input Power</b>
3.2 Watts (Max)
<b>Recharge</b>
24 Hrs
<b>luminaire load power</b>
100W (Max)
<b>Output Clas</b>
UL LELV (Output protection self-resetting)



<b>EM-L2554-LBF</b>
<b>output Power</b>
25 Watts
<b>Output Voltage</b>
18-54 DC
<b>Input Current</b>
110 mA (Max)
<b>Input Power</b>
6 Watts (Max)
<b>Recharge</b>
36 Hrs
<b>luminaire load power</b>
300W (Max)
<b>Output Clas</b>
UL LELV (Output protection self-resetting)



<b>EM-0854-LBN</b>
<b>output Power</b>
8 Watts
<b>Output Voltage</b>
15-54 DC
<b>Input Current</b>
70 mA (Max)
<b>Input Power</b>
6 Watts (Max)
<b>Recharge</b>
36 Hrs
<b>luminaire load power</b>
100W (Max)
<b>Output Clas</b>
UL LELV (Output protection self-resetting)

## LED Emergency Driver

### Optional Indicator



**Regular**  
Fix the indicator light on to the ceiling with nut.



**Recessed**  
Install the indicator light to the opening hole and fix it and J-box onto the ceiling with the nut.

### Optional Install Kit



**T-Grid Hanger**  
It is safer to mount the LED emergency driver on the T-grid ceiling.



<b>EM-H08170-LBF</b>
<b>output Power</b>
8 Watts
<b>Output Voltage</b>
170 DC
<b>Input Current</b>
70 mA (Max)
<b>Input Power</b>
3.2 Watts (Max)
<b>Recharge</b>
24 Hrs
<b>Luminaire Load Power</b>
300W (Max)



<b>EM-H25170-LBF</b>
<b>output Power</b>
25 Watts
<b>Output Voltage</b>
170 DC
<b>Input Current</b>
110 mA (Max)
<b>Input Power</b>
6 Watts (Max)
<b>Recharge</b>
24 Hrs
<b>Luminaire Load Power</b>
300W (Max)

### General

Input Voltage: 100-277VAC, 50-60Hz  
 Emergency Operation: ≥90 Minutes  
 Standby Power: <0.4W  
 Operating Temp: 0°C to 50°C  
 Battery: Lithium  
 Certificate: UL, CEC

Item	L	W	H	
Pack-High Voltage 8W	12.76"	2.13"	1.57"	
Pack-High Voltage 25W	15.40"	2.13"	1.57"	
Pack-Low Voltage 8W	10.64"	1.98"	1.32"	
Pack-Low Voltage 25W	15.40"	2.13"	1.57"	
Split-Low Voltage 8W	Driver	5.08"	2.05"	0.99"
	Battery	3.47"	2.33"	0.97"

### Note

#### Low Voltage

- It works with LED fixtures for which wiring is accessible to LED module.
- Power of LED fixture (Max 300W) ≥ Power of emergency driver

#### High Voltage

- Unrivaled emergency solution for most 1-300W LED luminaire which has 0-10V dimming.
- It must connect 0-10V dimming wires if power of luminaire > power of emergency driver.





# **LED Commercial Lighting**

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[www.lehitech.com](http://www.lehitech.com)