

Exhibit A



All the benefits of a panel without all the cost.

Tight budget? No problem. T34 is here to save the day!

T34™



RAB® | Indoor

RABLIGHTING.COM • 888 722-1000

T34™ LED Panel

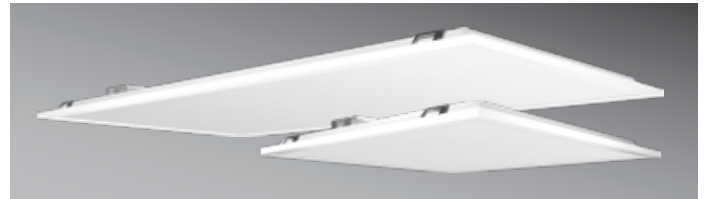


RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty

- Available in 2 sizes: 2x2 (30W) and 2x4 (40W)
- 0-10V dimmable driver, standard
- IC rated and Chicago Plenum (CCEA) compliant
- Lightcloud-enabled models offered
- 50,000-Hour LED lifespan
- Multiple-unit cartons reduce on-site waste

Tight spaces? No problem.

The T34's low-profile design is IC rated for direct contact with ceiling insulation, and is also Chicago Plenum (CCEA) compliant. Integral earthquake clips secure the panel to T-bars and won't get lost during installation.



Seeing is believing.

A frosted, polystyrene lens diffuses light, making the T34 ideal for areas that require uniform, glare-free distribution. The standard 0-10V dimmable driver allows for dialed-in control over your light output.



Simple, powerful lighting control.

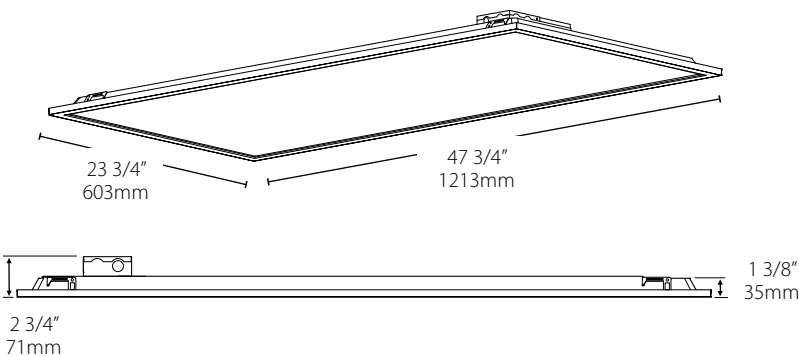
All models are available with factory-installed Lightcloud® integration, for use with our commercial, wireless lighting control system and service.



Dimensions & weights

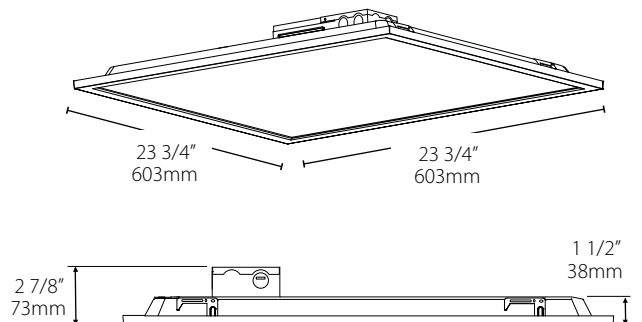
2x4 (40W)

Weight: 8.29 lbs.



2x2 (30W)

Weight: 4.51 lbs.



Performance

2x4 (40W)

	5000K	4000K
Input Watts	38	40
Lumens	4067	4472
Lumens Per Watt (lm/W)	107	113
Color Accuracy (CRI)	81	80

2x2 (30W)

	5000K	4000K
Input Watts	27	28
Lumens	2904	3284
Lumens Per Watt (lm/W)	108	118
Color Accuracy (CRI)	81	80

Performance data is based on test performed at 120V.

Energy savings

73%

Finish

White

Specifications

UL Listing:

Suitable for damp locations

LEDs:

Long-life, surface-mounted, discreet LEDs

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Drivers:

Class 2, Constant Current, 50/60Hz, 120-277V, 2kV surge protection

40W: 0.33A@120V, 0.20A@208V, 0.17A@240V, 0.15A@277V

30W: 0.24A@120V, 0.15A@208V, 0.13A@240V, 0.11A@277V

Dimming:

0-10V dimmable driver, standard (down to 10%)

Ambient Temperature:

Suitable for use in -20°C (-4°F) to 40°C (104°F)

Housing:

Plastic frame & galvanized steel back housing

Mounting:

For drop ceilings, standard integral clips secure the fixture to t-bars and prevent t-system separation. Compatible with RMKPANEL for other recessed applications.

Lens:

Frosted Polystyrene

Green Technology:

Mercury and UV free. RoHS-compliant components.

Ordering Information

Product	Size	Wattage	Color Temp	Voltage	Lighting Controls
T34	2x4 2ft x 4ft 2x2 2ft x 2ft	40 40W (2x4) 30 30W (2x2)	Blank N 5000K 4000K	/D10 120-277Vac	Blank /LC No options Lightcloud

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rablighting.com • lightcloud.com

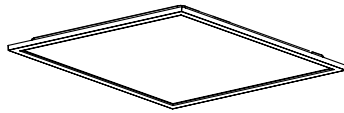
RAB is continually improving our products. Specifications may change without notice.
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

INSTRUCTIONS

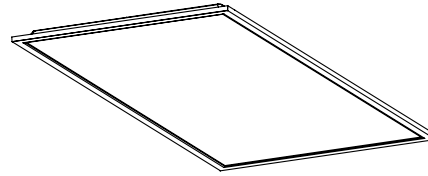
T34 BACKLIT TROFFER 2X2, 2X4 INSTALLATION

RAB®

RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com



T34 2X2



T34 2X4

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

SAFETY INSTRUCTIONS

WARNING: Risk of fire or electric shock. Suitable for damp locations.

WARNING: Suitable for 9/16" or 15/16" Flat Tee Grid in both insulated ceilings and non-insulated ceilings. Access above ceiling required.

WARNING: Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.

WARNING: Vapor barrier must be suitable for 90° C.

WARNING: Fixture to be independently supported to building structure.

RECESSED CEILING MOUNTING

The fixture is suitable only for INDOOR RECESSED CEILING application. Above ceiling access required.

To mount in an insulated or non-insulated ceiling - 9/16" or 15/16" exposed Flat Tee Grid Ceiling follow the steps below.

1. Firmly bend the pre-installed **Grid Clips** (up and out as shown in Fig. 1).
2. Rotate and slide the **Fixture** as required to fit through the **Tee-Grid Bar** and place it as indicated by the directional arrow as shown in Fig. 2. Secure the **Fixture** to the **Tee-Grid Bar**.
3. Support wires are required by installation codes. Support the **Fixture** to the building structure with **Support Wires** (supplied by others) through the **Grid Clip Hole** as shown in Fig. 3.
4. Make sure that the orientation of the **Splice Box** and **Access Plate** faces an accessible tile to make electrical splices.
5. Loosen **Access Plate Screw** and remove the **Access Plate**. Knock out appropriate **Conduit Knockouts** on the **Access Plate** to route input conduit. Use appropriate conduit connectors as required by code (Fig. 4).
6. Connect wires as shown in wiring diagram (FIG. 5). Push all wires back into the **Splice Box**. Use appropriate UL-approved wire connectors as required by code to complete wiring. Be careful not to pinch wires. **WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.**
7. Replace **Access Plate** and tighten **Access Plate Screw**.

Fig. 1

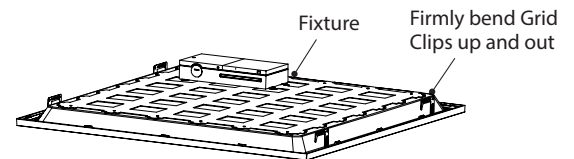


Fig. 2

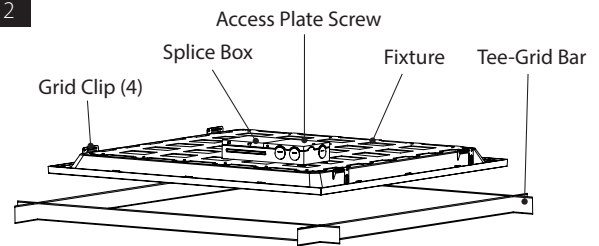


Fig. 3

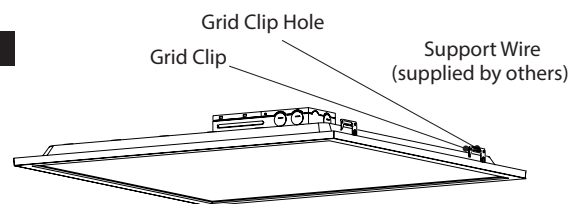
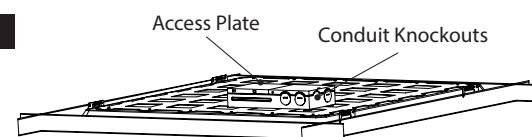


Fig. 4



INSTRUCTIONS

T34 BACKLIT TROFFER 2X2, 2X4 INSTALLATION



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CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean frosted polystyrene lens & fixture with non-abrasive cleaning solution.
2. Do not open fixture to clean the LEDs. Do not touch the LEDs.

WIRING INSTRUCTIONS

Universal voltage driver permits operation at 120V thru 277V.

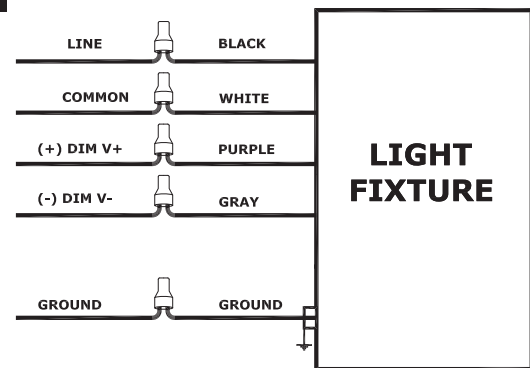
1. Connect the **black** fixture lead to the **LINE** supply lead.
2. Connect the **white** fixture lead to the **COMMON** supply lead.
3. Connect the **GROUND** wire from fixture to supply ground.
4. Connect the **purple** fixture lead to the **(V+) DIM** lead.
5. Connect the **gray** fixture lead to the **(V-) DIM** lead.

NOTE: Do not connect DIM V+ (purple)/ DIM V- (gray) to line voltage or supply ground.

TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?

Fig. 5



Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.



Panels & Troffers > T34



T34™

All the benefits of a panel without all the cost.

Tight budget? No problem. T34 is here to save the day!

T34™

[Ordering Matrix](#)

ECONOMY LED TROFFER

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T34™

ECONOMY LED TROFFER

Ordering Matrix

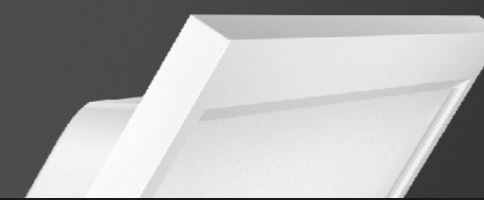
RAB Indoor

- Product CSV
- Product PDF
- Instructions
- Comparison Chart

2' x 2' 2' x 4' 30W

5000K Cool	4000K Neutral	Finishes
2,904 Lumens	3,284 Lumens	 White
27 Input Watts	28 Input Watts	
108 lm/W	118 lm/W	
81 CRI	80 CRI	

Low-profile design



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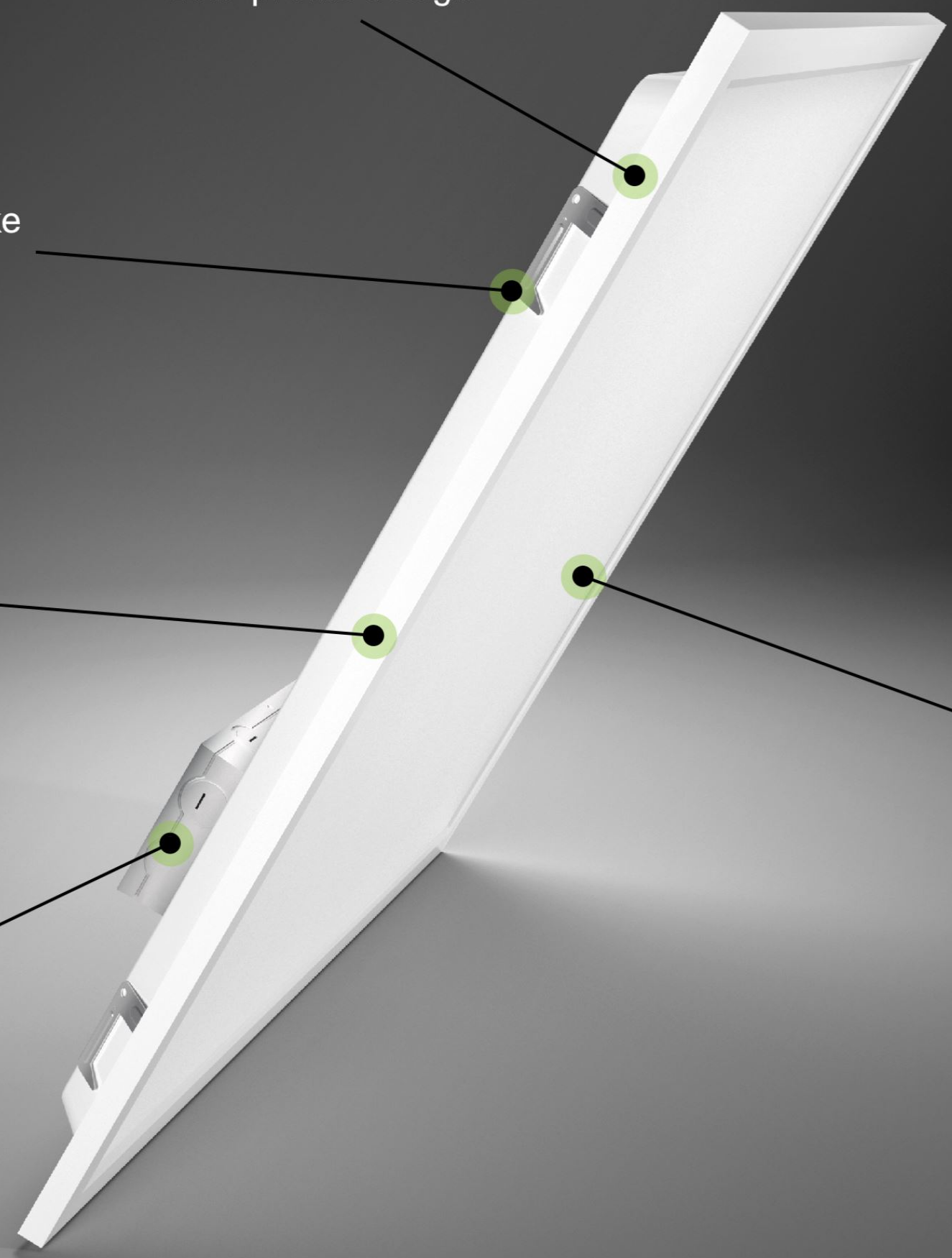
Low-profile design

Integral, earthquake T-bar clips

Galvanized, 22-gauge steel housing

0-10V dimmable driver

Frosted polystyrene lens



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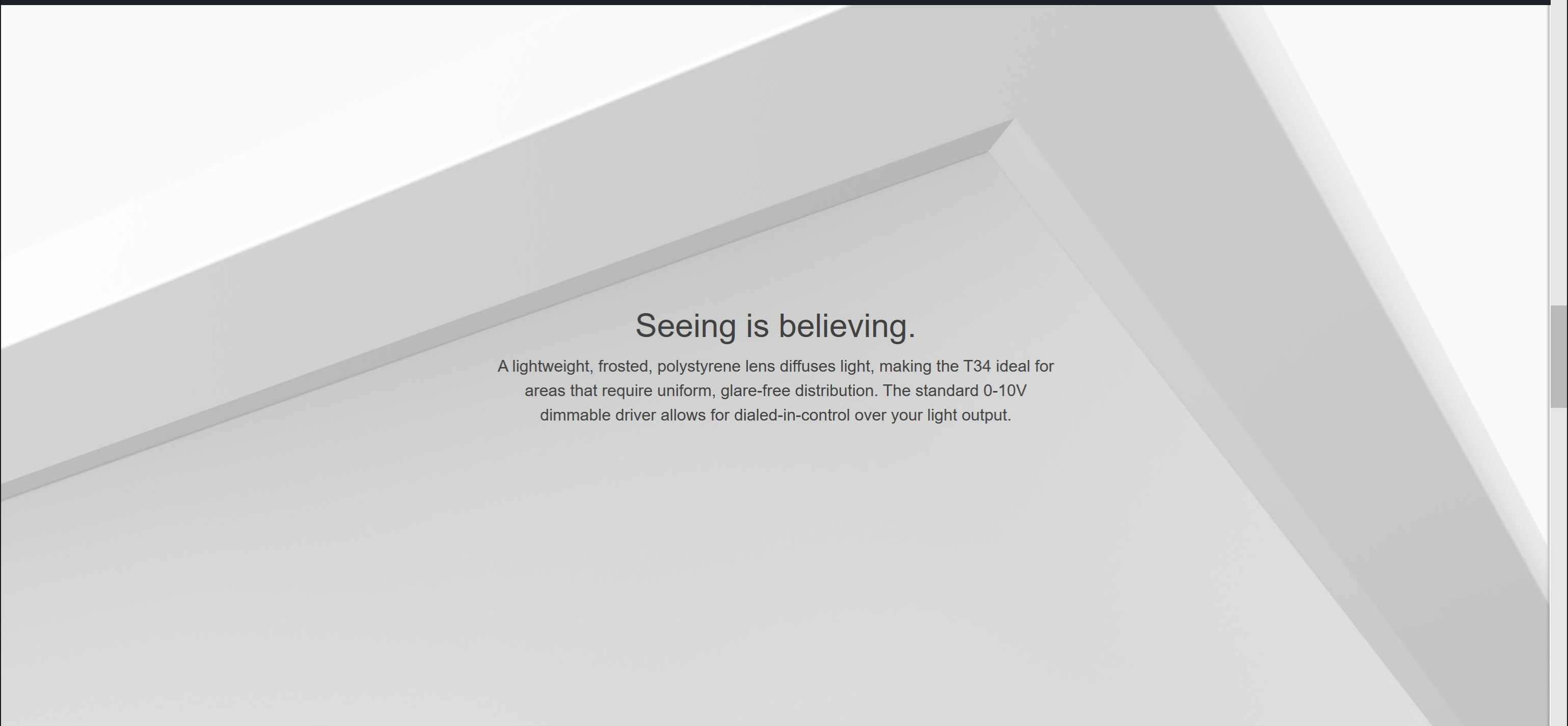


Tight Spaces? No problem.

The T34's low-profile design is IC rated for direct contact with ceiling insulation, and is also Chicago Plenum (CCEA) compliant. Integral earthquake clips secure the panel to T-bars and won't get lost during installation.

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Seeing is believing.

A lightweight, frosted, polystyrene lens diffuses light, making the T34 ideal for areas that require uniform, glare-free distribution. The standard 0-10V dimmable driver allows for dialed-in-control over your light output.



Available with Lightcloud® controls.

Lightcloud is a commercial wireless lighting control system and service, fully developed and supported by RAB.

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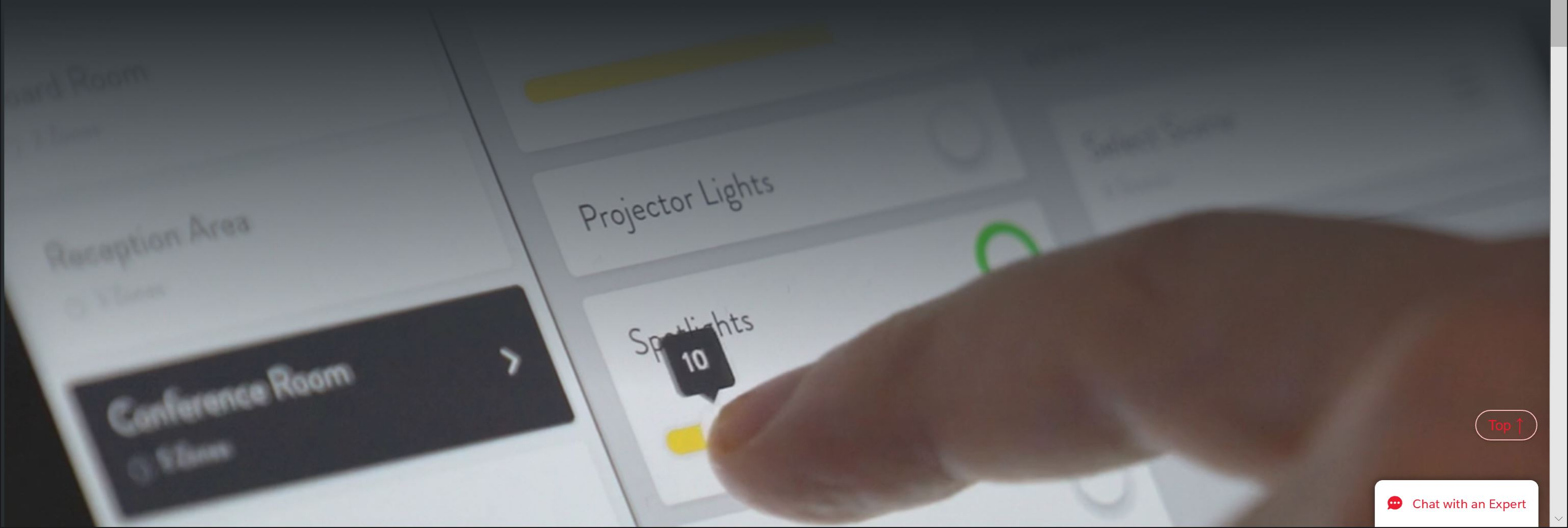


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LEARN MORE

- Use your mobile device, tablet or computer for switching and dimming of individual fixtures or entire areas
- Complimentary rebate assistance and lighting design services
- Programmable schedules let you illuminate zones, automatically adjusting for sunrise and sunset times
- Save up to 68% on energy costs from lighting



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up to
73%
energy savings

Get fast payback.

With energy savings of up to 73%, combined with the reduced maintenance cost that comes with installing LED, the T34™ can pay for itself in no time!



5-year limited warranty.

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](https://www.rablighting.com/warranty).



Dimmable.

0-10V dimmable option is available.

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[rablighting.com/warranty](https://www.rablighting.com/warranty).



CCEA compliant.

Chicago Plenum (CCEA) compliant options available.

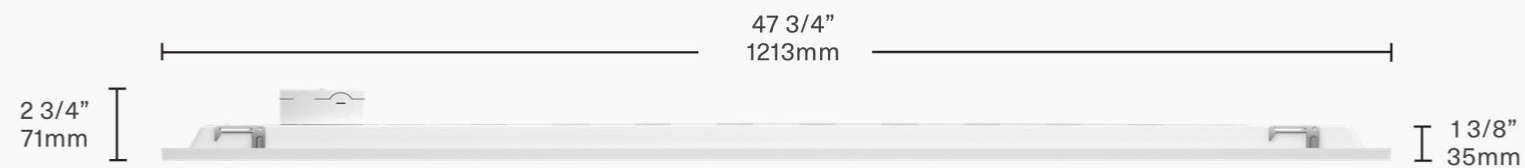


Big rebates.

Save more through utility rebates. T34 models come in DLC approved models.

2x4 (40W)

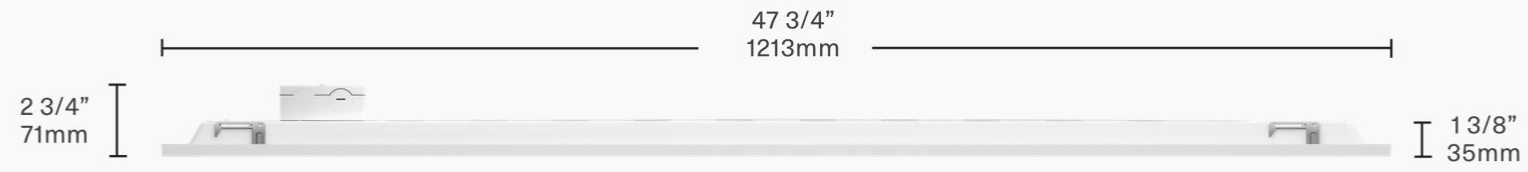
Weight 8.29 lbs.



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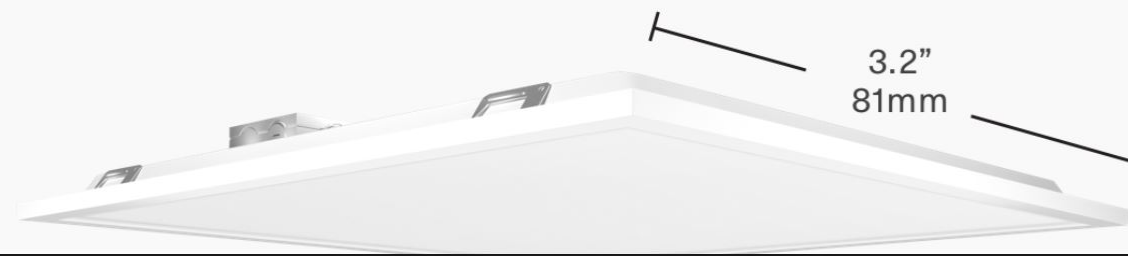
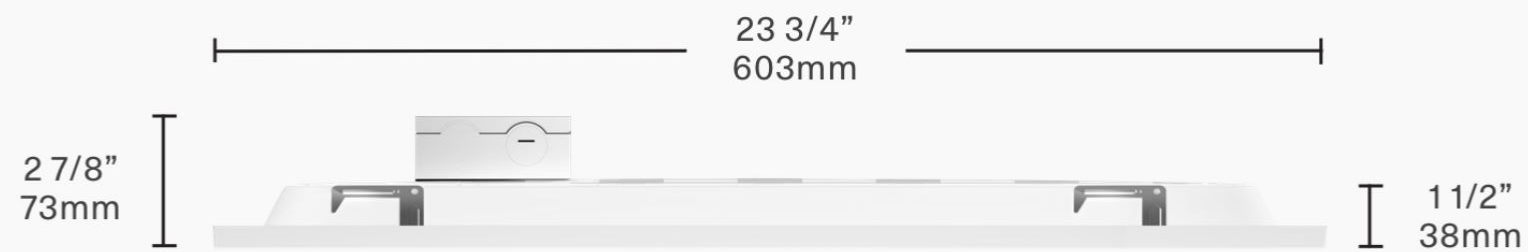


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2x2 (30W)

Weight 4.51 lbs.



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Build Your Light

Select all the options below to build your light.



1 OF 5 SELECTED

[Reset All](#)

FAMILY	HOUSING SIZE	WATTAGE	COLOR TEMP/CCT	VOLTAGE	LIGHTCLOUD
T34	Select	Select	Select	/D10	Select
	2' X 2' 2X2	30W 2X2	5000K Blank	0-10V Dimming /D10	No Options Blank
	2' X 4' 2X4	40W 2X4	4000K N		Lightcloud® Control /LC

Support

Contact Customer Service, Tech Support or Lighting Applications with your support questions.

Chat online

Talk live with a Support Team member, to get help on weekdays from 7:30am - 8:00pm EST.

[Start Chat >](#)

Send a message

Send us a note, and a RAB Support Team member will help you as soon as possible.

[Send a Message >](#)

Give us a call

The Support Team is here to answer your call, weekdays from 7:30am - 8:00pm EST.

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Indoor

- Panels & Troffers
- Cove Lighting
- Highbays
- Washdown
- Surface & Flush Mounts
- Retrofit Downlights
- Recessed Downlights
- Architectural

Outdoor

- Floodlights
- Wall Packs
- Area Lights
- Garage Lights
- Canopy Lights
- Vaporproof
- Hazardous Lighting
- Vandalproof

Controls

- Lightcloud Control System
- Outdoor Sensor Lights
- Outdoor Sensors
- Indoor Sensor Lights
- Indoor Sensors


New Releases

New Products

Lamps

- Linear Tubes
- Compacts
- A-Line Bulbs
- Decorative
- Reflectors

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It's powerful and flexible, yet easy to
use and install.

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- Cove Lighting
- Highbays
- Washdown
- Surface & Flush Mounts
- Retrofit Downlights
- Recessed Downlights
- Architectural
- Stairwell
- Undercabinet

Outdoor

- Floodlights
- Wall Packs
- Area Lights
- Garage Lights
- Canopy Lights
- Vaporproof
- Hazardous Lighting
- Vandalproof
- Landscape
- Decorative
- Roadway Lights
- Poles
- Solar
- Temporary Lighting
- Weatherproof
- Quartz Floods

Controls

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- Linear Tubes
- Compacts
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- Decorative
- Reflectors
- Small Reflectors
- PARs
- HID Replacements