Solistic Panel Luminaires
Product Specifications

TCP's Solistic Panel Luminaires feature back-lit technology with a robust construction that still offers a slim, low-profile with beautiful full panel diffusion and superior uniformity.

TCP's Solistic line of LED products utilizes an advanced LED chip technology that mimics the natural appearance of sunlight without harsh UV or blue peaks found in most LED sources. This allows for reduced eye stress caused by harsh lighting while rendering exact colors. Proving to be better for your well-being, visibility, focus and sleep cycle, TCP believes that Solistic is Better for your Brain.™

Applications: T-bar Grid Ceilings

## Reasons to choose the Solistic Panel Luminaires from TCP

- Unique LED chips utilized in Solistic products provide a more natural light appearance that mimics the sun
- Eliminates the blue peak found in other LED lighting sources
- Increased ability for users to focus and sleep
- Glare and flicker-free

- Mercury-free construction is great for all environments
- Fits standard 1" and 9/16" T-bar grid ceilings
- Utilizes back-lit technology for full diffusion with excellent uniformity
- Slim, low-profile design and lightweight for easy handling

Ideal Applications

- Office
- Retail Stores

- Schools
- Hospitality

- Restaurants
- Healthcare

Specifications

Input Line Voltage ....120-277 VAC
Input Line Frequency (Hz) 50/60Hz
Wattage (W)
    1x4 .... 23W/29W/38W
    2x2 .... 23W/29W/38W
    2x4 .... 29W/39W/46W
Lumens (L)
    1x4 ....2600L/3200L/4200L
    2x2 ....2600L/3200L/4200L
    2x4 ....3300L/4400L/5100L
Lumens per Watt (LPW)...>110 LPW
Rated Life.. 50,000 hours
Minimum Starting Temperature ....-20°C
Maximum Operating Temperature... 40°C
CRI.. >97
Power Factor ....>90%
THD...<20%
Ratings .... IC rated
Controls.. 0-10V dimming (standard)

1x4

2x2

2x4
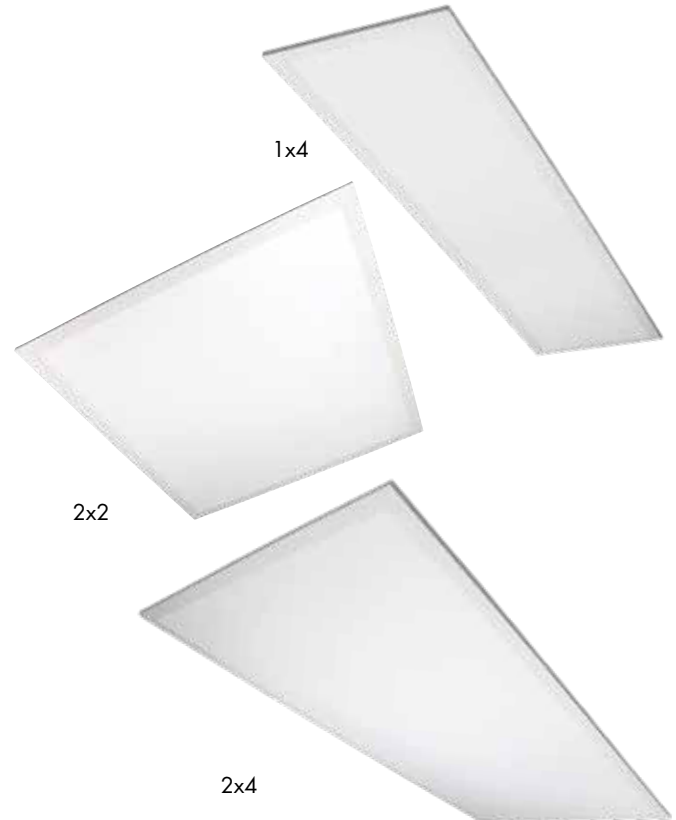
Solistic VS LED Direct Troffer Luminaire

Spectrum imitates natural sunlight

spectrum of sunlight

400 450 500 550 600 650 700 750

BLUE LIGHT
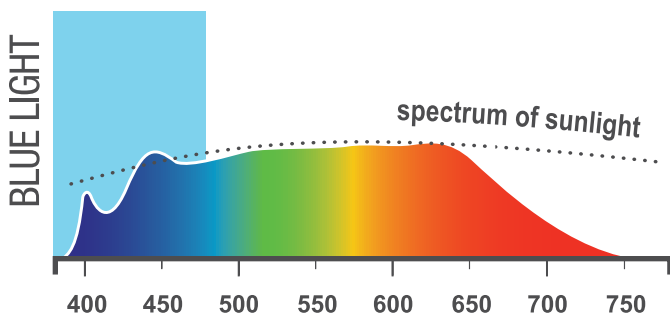
Spectrum of typical LED light

spectrum of sunlight

400 450 500 550 600 650 700 750

BLUE LIGHT

5 YEAR WARRANTY

TCP Solistic

Applications

TCP Solistic Panel Luminaires are cost-effective, high-efficiency alternatives to traditional T5, T8 and T12 linear fluorescent troffers. Featuring a slim, low-profile design, our Solistic Panel Luminaires use back-lit technology to deliver full panel diffusion and superior uniformity that meets or exceeds the output from edge-lit panels. Applications include offices, schools, retail locations, healthcare, hospitality and other T-grid and commercial ceilings.

Construction

- Rectangular white frame
- Lens: frosted white diffuser
- IC rated for direct contact with insulation
- Designed for easy drop into T-bar grid ceilings

Electrical

- UL/cUL damp location rated
- 0-10V dimming driver (standard)
- LED driver with integrated junction box
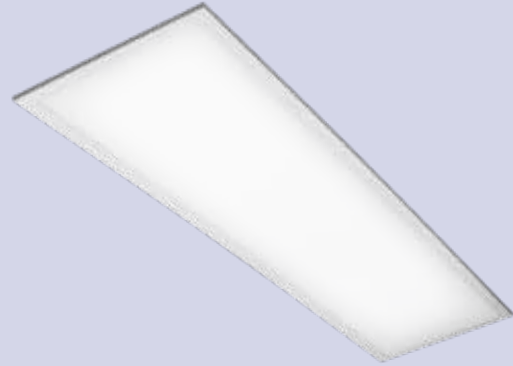- System rated for long 50,000 hour life

Optics

- Back-lit technology provides even, uniform lighting
- 120° beam angle
- Frosted diffuser for reduced glare and aesthetic appeal
- Meets or exceeds the look and performance of edge-lit panels

Item Number	
Notes	Type

Listings

UL/cUL Listed
IC Rated
RoHS Compliant

Warranty

Five year limited warranty against defects in manufacturing.

Catalog Ordering Matrix   Example: DTF1UZD2341S

FAMILY	LENS TYPE	SIZE	VOLTAGE	DIMMING	WATTAGE[1,2,3]	COLOR TEMPERATURE	OPTIONS
DT = Direct Back Lit Troffer	**F** = Frosted	**1** = 1' x 4'	**U** = 120V-277V	**ZD** = 0-10V Dimming	**23** = 2600 Lumens **29** = 3200 Lumens **38** = 4200 Lumens	**41S** = 4100K Solistic **50S** = 5000K Solistic	**EB** = Battery Back-up

[1] Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.
[2] Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.
[3] 23W and 29W are permanently fixed; 38W is adjustable to 29W or 23W.

Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK (HANGS 3 UNITS)
DTSK1	SURFACE MOUNT KIT FOR 1X4 PANELS
DTFLK1	RECESS MOUNT FLANGE KIT FOR 1X4 PANELS

Specifications and dimensions subject to change without notice.

For the most up-to-date specs and warranty information, please visit www.tcpi.com

Applications

TCP Solistic Panel Luminaires are cost-effective, high-efficiency alternatives to traditional T5, T8 and T12 linear fluorescent troffers. Featuring a slim, low-profile design, our Solistic Panel Luminaires use back-lit technology to deliver full panel diffusion and superior uniformity that meets or exceeds the output from edge-lit panels. Applications include offices, schools, retail locations, healthcare, hospitality and other T-grid and commercial ceilings.

Construction

- Rectangular white frame
- Lens: frosted white diffuser
- IC rated for direct contact with insulation
- Designed for easy drop into T-bar grid ceilings

Electrical

- UL/cUL damp location rated
- 0-10V dimming driver (standard)
- LED driver with integrated junction box
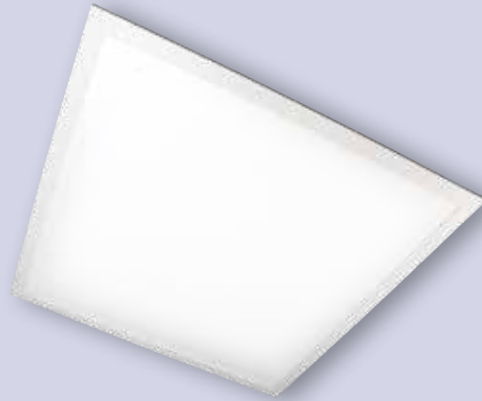- System rated for long 50,000 hour life

Optics

- Back-lit technology provides even, uniform lighting
- 120° beam angle
- Frosted diffuser for reduced glare and aesthetic appeal
- Meets or exceeds the look and performance of edge-lit panels

Item Number		
Notes		Type

Listings

UL/cUL Listed
IC Rated
RoHS Compliant

Warranty

Five year limited warranty against defects in manufacturing.

Catalog Ordering Matrix   Example: DTF2UZD2341S

FAMILY	LENS TYPE	SIZE	VOLTAGE	DIMMING	WATTAGE[1,2,3]	COLOR TEMPERATURE	OPTIONS
DT = Direct Back Lit Troffer	**F** = Frosted	**2** = 2' x 2'	**U** = 120V-277V	**ZD** = 0-10V Dimming	**23** = 2600 Lumens **29** = 3200 Lumens **38** = 4200 Lumens	**41S** = 4100K Solistic **50S** = 5000K Solistic	**EB** = Battery Back-up

[1] Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.
[2] Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.
[3] 23W and 29W are permanently fixed; 38W is adjustable to 29W or 23W.

Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK (HANGS 3 UNITS)
DTSK2	SURFACE MOUNT KIT FOR 2X2 PANELS
DTFLK2	RECESS MOUNT FLANGE KIT FOR 2X2 PANELS

Specifications and dimensions subject to change without notice.

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5 YEAR WARRANTY

2x4 Solistic Panel Luminaires

Applications

TCP Solistic Panel Luminaires are cost-effective, high-efficiency alternatives to traditional T5, T8 and T12 linear fluorescent troffers. Featuring a slim, low-profile design, our Solistic Panel Luminaires use back-lit technology to deliver full panel diffusion and superior uniformity that meets or exceeds the output from edge-lit panels. Applications include offices, schools, retail locations, healthcare, hospitality and other T-grid and commercial ceilings.

Construction

- Rectangular white frame
- Lens: frosted white diffuser
- IP20 rated
- IC rated for direct contact with insulation
- Designed for easy drop into T-bar grid ceilings

Electrical

- UL/cUL damp location rated
- 0-10V dimming driver (standard)
- LED driver with integrated junction box
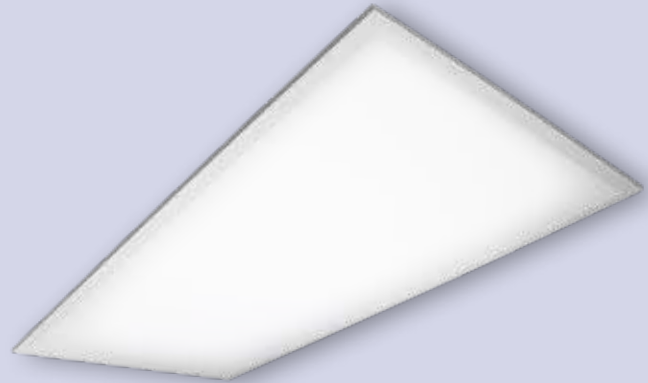- System rated for long 50,000 hour life

Optics

- Back-lit technology provides even, uniform lighting
- 120° beam angle
- Frosted diffuser for reduced glare and aesthetic appeal
- Meets or exceeds the look and performance of edge-lit panels

Item Number		
Notes		Type

Listings

UL/cUL Listed
IC Rated
RoHS Compliant

Warranty

Five year limited warranty against defects in manufacturing.

Catalog Ordering Matrix   Example: DTF4UZD2941S

FAMILY	LENS TYPE	SIZE	VOLTAGE	DIMMING	WATTAGE[1,2,3]	COLOR TEMPERATURE	OPTIONS
DT = Direct Back Lit Troffer	**F** = Frosted	**4** = 2' x 4'	**U** = 120V-277V	**ZD** = 0-10V Dimming	**29** = 3300 Lumens **39** = 4400 Lumens **46** = 5100 Lumens	**41S** = 4100K Solistic **50S** = 5000K Solistic	**EB** = Battery Back-up

[1]Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.
[2] Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.
[3] 29W and 39W are permanently fixed; 46W is adjustable to 39W or 23W.

Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK (HANGS 3 UNITS)
DTSK4	SURFACE MOUNT KIT FOR 2X4 PANELS
DTFLK4	RECESS MOUNT FLANGE KIT FOR 2X4 PANELS

Specifications and dimensions subject to change without notice.

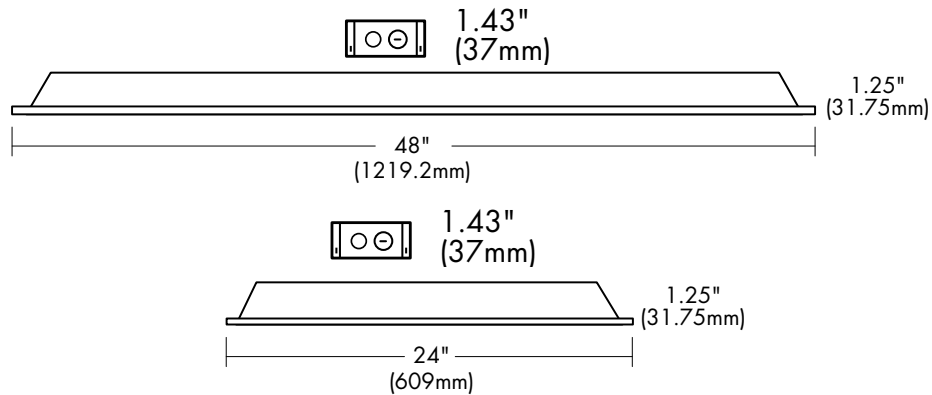For the most up-to-date specs and warranty information, please visit www.tcpi.com

5 YEAR WARRANTY

1x4 Dimensions

1.43"
(37mm)

1.25"
(31.75mm)

48"
(1219.2mm)

1.43"
(37mm)

1.25"
(31.75mm)

24"
(609mm)

2x2 Dimensions

1.43"
(37mm)

1.25"
(31.75mm)

24"
(609mm)

5 YEAR
WARRANTY

2x4 Dimensions

1.43"
(37mm)

1.25"
(31.75mm)

48"
(1219.2mm)

1.43"
(37mm)

1.25"
(31.75mm)

24"
(609mm)

5 YEAR
WARRANTY
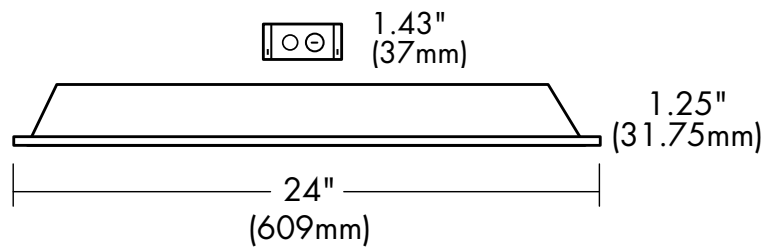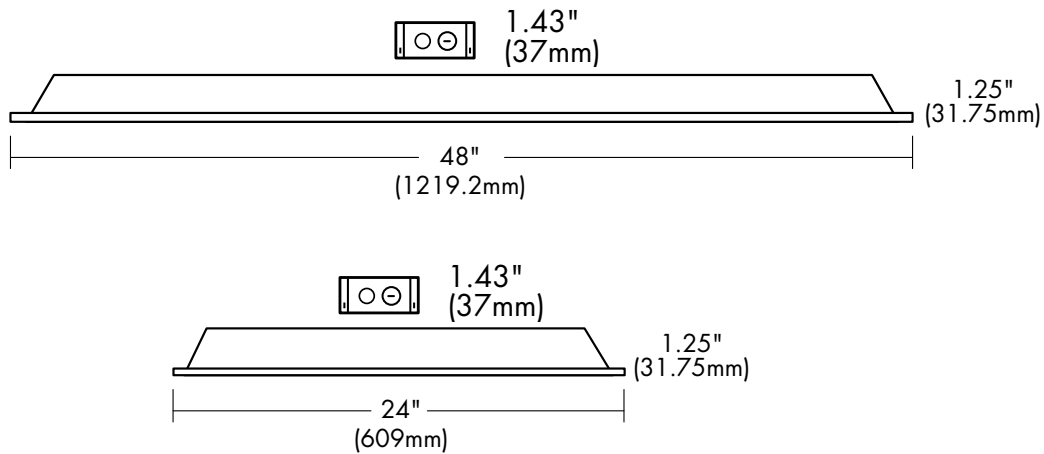
TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 30 years, TCP has been designing, developing and delivering

energy-efficient lighting into the market. Thanks to our cutting-edge

technology and manufacturing expertise, we have shipped billions of high

quality lighting products. With TCP, you can count on a lighting product

that is designed to meet the needs of the market - that transforms your

surroundings and envelopes you in warmth - lighting that generates

beauty with every flip of the switch.