



SIZE
2x2, 2x4
WATT
30W, 40W
CCT
3500K / 4000K / 5000K
DIMMING
0-10V
CRI
Ra>80
LUMINOUS EFFICACY (Lm/W)
125 lm/w
INPUT VOLTAGE
AC100-277V
IP RATING
Ip 20
AMBIENT TEMPERATURE
-20°C to 45°C-40°C



LED BACKLIT PANEL LUMINAIRE

TK-BLFP1-22/24-SERIES

DESCRIPTION

schaezer[®] presents the Backlit Tunable Panel LED Light, a versatile indoor lighting solution ideal for various environments. Equipped with advanced features like 0-10V dimming, wattage select dipswitch, and CCT select dipswitch, this flat panel light combines functionality with ease of use. Its robust design includes an aluminum housing and a diffused lens, ensuring durability and uniform light distribution. Operating efficiently at 120-277 VAC, it offers selectable color temperatures of 3500K, 4000K, and 5000K, achieving a high luminous efficacy of 130 Lm/W and a CRI of +80.

Ideal for office spaces, schools, shopping malls, supermarkets, retail shops, hospitals, and laboratories, this LED light flat panel delivers reliable and adjustable lighting to suit diverse applications. Whether enhancing workspace productivity or creating inviting retail environments, its versatility meets the demands of modern lighting requirements.

The Backlit Tunable Panel LED Light is backed by a reassuring 5-year limited warranty, ensuring peace of mind and long-term performance. It complies with ETL Listing, DLC Premium Listing, FCC certification, and is rated for both damp and dry locations, adhering to stringent safety and quality standards for reliable operation in various indoor settings.



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Applications

Office and school lighting: office room, class room etc.

Commercial lighting : shopping mall, supermarkets, retail shops etc.

Other situations: hospital, laboratory.

Quick Ship:

TK-BLFP1 - 22 - 30WWTCT

TK-BLFP1 - 24 - 40WWTCT

Controls / Dimming

Damp Location Rated, High quality isolated driver. 0-10V Dimmable; Flicker free.

Warranty

5 Years Limited Warranty. See warranty documentation for more information

Installation

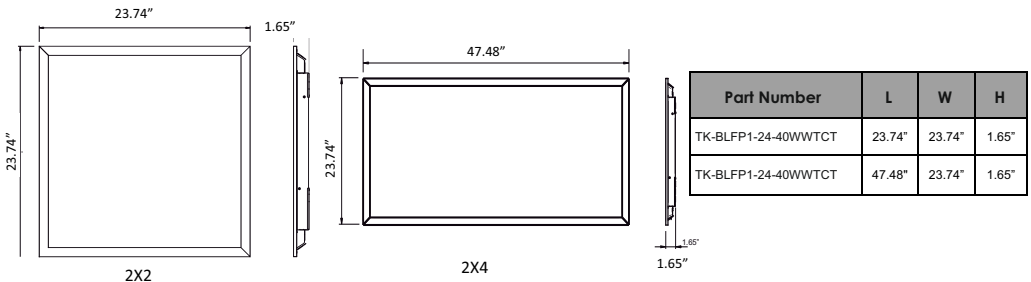
Recessed installation, suspending and surface mounted

Ordering Information

Example: TK-BLFP1-22-30WWTCT

TK	BLFP1	22	30	CCT		[Blank]	[Blank]
Code	Series	Dimensions	Wattage Tunable	Color Tunable		Dimmable	N [Blank] No Sensor
TK	BLFP1 Backlit Tunable Panel Gen 1	2x2	2x2	35K	3500K	D[BLANK] Dimmable	Voltage[Blank] 120-277V
		2x4	20W 20 Watt	40K	4000K	N Non Dimmable	
			25W 25 Watt	50K	5000K		
			30W 30 Watt				
			2x4				
			28W 28 Watt				
			34W 34 Watt				
			40W 40 Watt				

Product Dimension

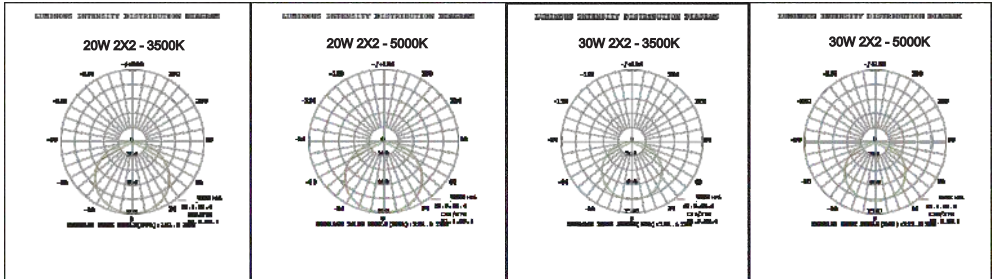


LED BACKLIT PANEL LUMINAIRE

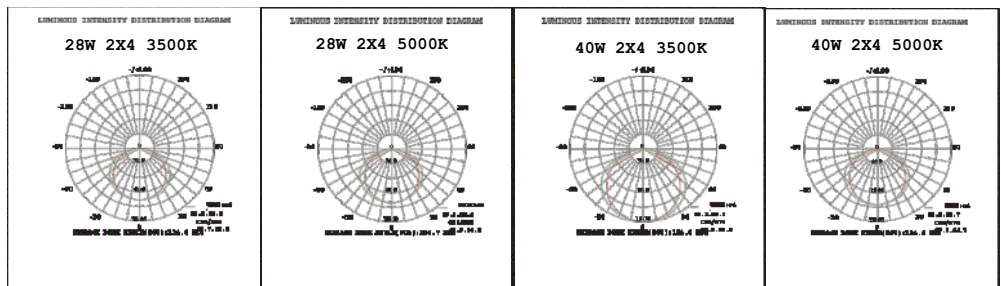
TK-BLFP1-22/24 SERIES

Photometric

2X2 BACKLIT TUNABEL PANEL



2X4 BACKLIT TUNABEL PANEL



Installation Instructions

Important

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. 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 INSTALL IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY PERSON FAMILIAR WITH CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

LED BACKLIT PANEL LUMINAIRE

TK-BLFP1-22/24 SERIES

Instructions LED backlite panel

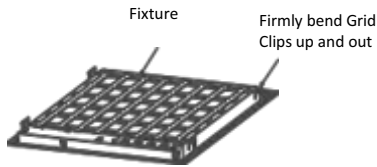


Fig. 1

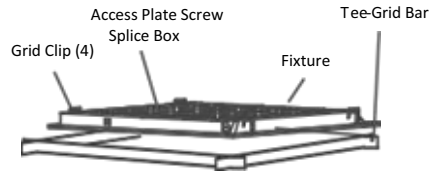


Fig. 2

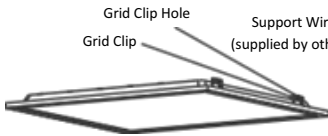


Fig. 3



Fig. 4

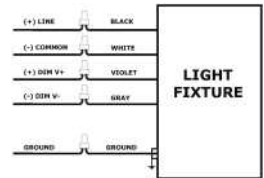


Fig. 5

RECESSED CEILING MOUNTING

The Fixture is suitable only to 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 & slide the fixture as required to fit through the tree Grid Bar and place it as indicated by the directional arrow as shown in Fig. 2.
Secure the Fixture to the TeeGrid 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.
6. Use appropriate conduit connectors as required by code (Fig. 4). 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.
7. Replace Access Plate, and tighten Access Plate Screw

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TK-BLFP1-22/24 SERIES

Installation Instruction

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 nonabrasive cleaning solution
2. Do not open fixture to clean the LEDs. Do not touch the LEDs

TROUBLESHOOTING

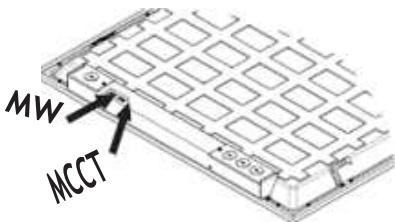
1. Check that line voltage at fixture is correct. Refer to wiring directions
2. Is the fixture grounded properly

WIRING INSTRUCTIONS (Fig. 5)

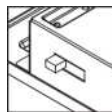
1. Connect the black fixture lead to the Line supply lead
2. Connect the white fixture lead to the COMMON supply lead
3. Connect the GROUND wire from fixture to supply ground

Schematic of Wattage Adjustment (3 set position) for Backlit Panel

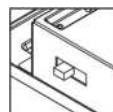
Model		Left Position	2nd Position (From left to right)	Right Position (default)
TK-BLFP1-22-30WWTCT	2x2	20W	25W	30W
TK-BLFP1-24-40WWTCT	2x4	28W	34W	40W



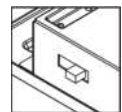
1. Set slip switch



2. Set slip switch to 2nd position (from left to right)



3. Set slip switch to right position



Schematic of CCT adjustment (3 set position)



1. When the slip switch is set to left position, it is 3500K



2. When the slip switch is set to center position, it is 4000K



3. When the slip switch is set to right position, it is 5000K

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.