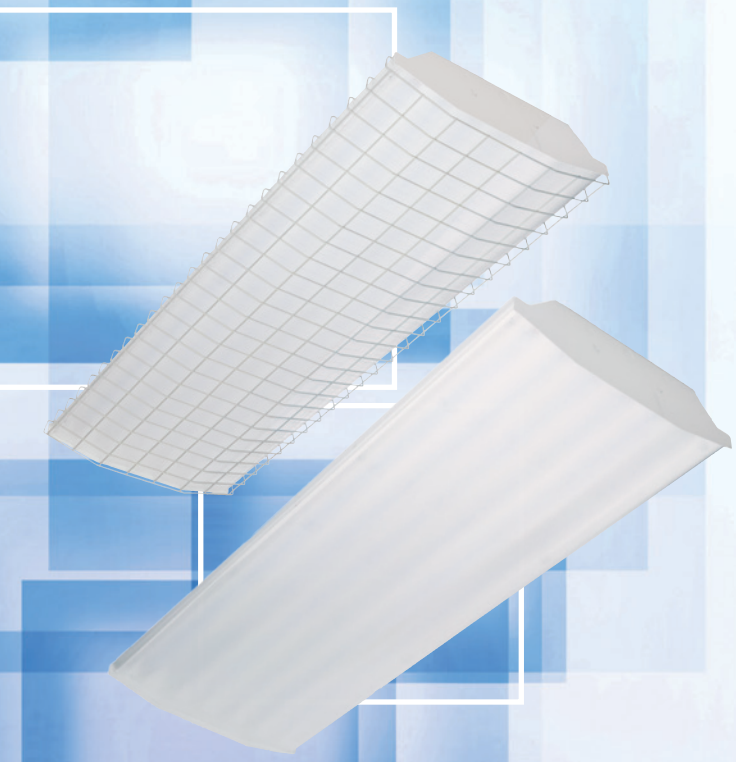
Industra by TCP

LED TECHNICAL DATA



LED Sky Bay™

High efficiency LED Sky Bays™. Use anywhere you need exceptional light distribution for mounting heights up to 60 feet.

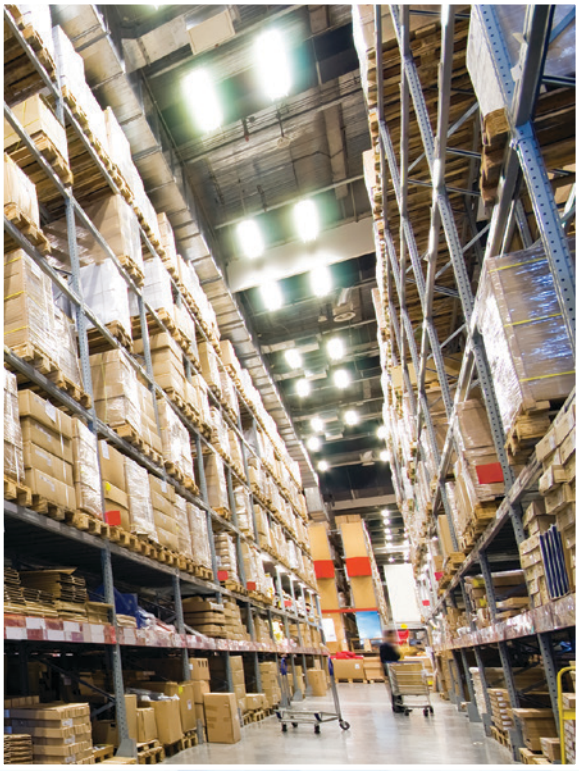
LIMITLESS OPTIONS for the following applications:

Warehouses

Commercial Facilities

Manufacturing Facilities

Aisles (Open and Stack)



Great Features/Benefits

- Energy-efficient – Up to 58% energy savings compared to HID
- Smooth, uniform dimming
- Instant on
- Long life: 50,000 hours
- Replaces traditional metal halide and linear fluorescent high bay systems
- Excellent color rendering
- Heavy duty 20 gauge housing is code grade steel

NOTE: Due to fixture construction, TCP advises against pendant mounting.

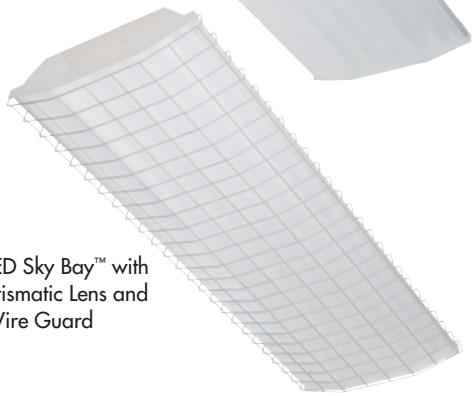
LED Sky Bay™

Features/Benefits

Up to 58% less energy than HID alternatives.	Instant energy savings; potential rebate eligibility.
Long 50,000 hour rated life.	Minimizes replacements & maintenance costs.
Very low heat generation.	Less energy wasted as heat.
Excellent color consistency & CRI.	Enhances color of focal point while maintaining uniformity throughout lighting installation.
UL approved for damp location.	Can be used outdoors when protected from elements. Withstands humidity indoors/outdoors.

LED Sky Bay™

LED Sky Bay™ with Prismatic Wraparound Lens



LED Sky Bay™ with Prismatic Lens and Wire Guard

Specifications

Input Line Voltage	120-277 & 347-480 VAC
Input Power	192W-215W
Input Line Frequency	50/60HZ
Luminaire Life (Rated)	50,000 hours
Controls	0-10V dimming (standard)
Minimum Starting Temperature	-30°C
Maximum Operating Temperature	50°C
CRI	83
Power Factor	>0.9
THD	<20%

Replacement Comparison

TYPE	WATTAGE	ENERGY SAVINGS (%)
TCP LED Sky Bay™	**192W**	—
400W Metal Halide	458W	58%
6 Lamp T5HO	351W	45%
8 Lamp T8 HBF	293W	34%
TCP LED Sky Bay™	**215W**	—
8 Lamp T5HO	482W	55%
400W Metal Halide	458W	53%
10 Lamp T8 HB	366W	42%

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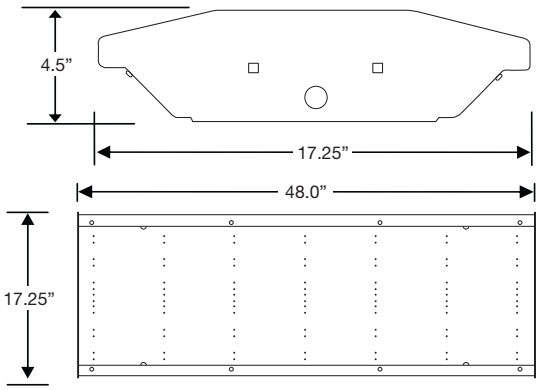
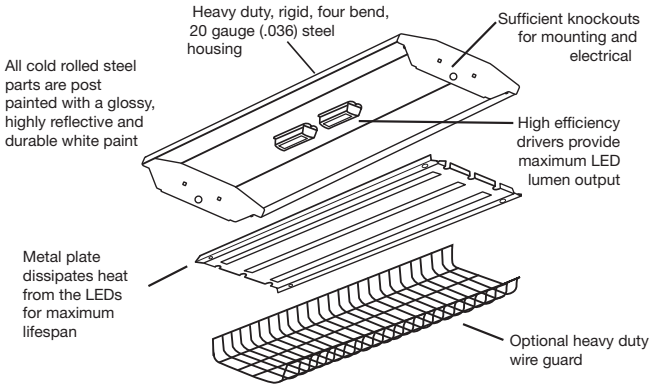
5 YEAR WARRANTY

Dimensions and Mounting Data





Industra by TCP

LED Sky Bay™
LED TECHNICAL DATA

Applications

The TCP LED Sky Bay's superior lumen package is ideal for replacing traditional metal halide and linear fluorescent high bay systems. Benefits include high efficiency, excellent color rendering, long life, instant on, and improved uniformity. Suggested mounting heights from 30'–60' with primary applications including warehousing, commercial facilities, manufacturing facilities, open and stack aisle applications.

Construction

The full body assembly features TCP high efficiency drivers and high output LEDs. The LED Sky Bay's heavy duty 20 gauge housing and 8 gauge wire guard is code gauge steel and all components, excluding the wire guard, have a baked white enamel finish that is electrostatically applied and post painted with a glossy, highly reflective and durable white paint.

Electrical

TCP high efficiency drivers are Class 2 rated, cULus listed, and provide consistent power to ensure even lighting from the long life LEDs. Each driver is matched to a light engine to deliver 50,000 hours life. Our drivers are tightly secured by mounting bolts. 0-10V dimming comes standard.

Optics

The optional impact resistant acrylic diffuser comes in one style. The prismatic wraparound lens is designed to be used with the wire guard or on its own without the wire guard.

Item Number	
Notes	Type

Installation

Suspension by chain, cable, or hook with appropriate accessories.

Warranty

Five year limited warranty against defects in manufacturing.

Listings

cULus Listed – damp location rated

RoHS Compliant

Catalog Ordering Matrix

Example: TCPSB4UNIZDL150K

TCP	SB4		ZD			
BRAND	**FAMILY**	**VOLTAGE**	**CONTROLS/DIMMING**	**LUMEN PACKAGE (Power)[1][2]**	**COLOR TEMPERATURE**	**OPTIONS**
TCP	**SB4** – 4' LED Sky Bay	**UNI** – 120V-277V **UHV** – 347-480V	**ZD** – 0-10V Dimming	**L1** – 24,000 lumens (215W) **L2** – 21,000 lumens (192W)	**41K** – 4100K **50K** – 5000K	(see below)

[1] Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.
[2] Actual wattage may differ by +/- 10%.

OPTIONS (Add to catalog number in order shown)

❶ POWER CORDS
- **6C** - 6' PCord 300V 16/3 SJTOOW NO PLUG
- **6C4** - 6' PCord 300V 18/4 SJTOW NO PLUG
- **6W** - 6' WHIP PCord 600V 16/3 NO PLUG
- **10C** - 10' PCord 277V SJTOOW NO PLUG
- **10C6** - 10' PCord 600V 15A 16/3 STOW NO PLUG
- **20C** - 20' PCord 277V 20A 16/3 SJTOOW NO PLUG
- **20C4** - 20' PCord 300V 18/4 SJTOW NO PLUG

❷ OCCUPANCY SENSORS
- **TS1** - TCP Occupancy Sensor w/bracket and interchangeable lenses, 40' or less, 120V, 277V, or 347V.
- **TS1C** - TCP Cold Storage Occupancy Sensor w/bracket and interchangeable lenses, 40' or less, 120V, 277V, or 347V.
- **TS4** - TCP Occupancy Sensor w/bracket and interchangeable lenses, 40' or less, 480V.
- **TS4C** - TCP Cold Storage Occupancy Sensor w/bracket and interchangeable lenses, 40' or less, 480V.
- **LS1D** - Leviton Occupancy Sensor w/ Daylight Harvesting – PIR, 40' or less, 120V-277V.
- **LS3D** - Leviton Occupancy Sensor w/ Daylight Harvesting – PIR, 40' or less, 347V.

❸ WIRE GUARD / LENS
- **WG** - Wire Guard
- **PWL** - Prismatic Lens

❹ SPECIAL PACKAGING
- **SP** - Single Packed

❺ EMERGENCY BACK-UP
- **EB** - Emergency Back-Up, maximum height 24' per UL924, 120V-277V.

AVAILABLE HANGING KITS (ordered separately)
- **EZHANGER** - 15' adjustable aircraft cable hanging kit*

AVAILABLE ACCESSORIES (ordered separately)
- **FWGL** - Wire Guard kit complete with Wire Guard and hardware (for use with lens)
- **ELITELENS** - Acrylic Lens

* Due to fixture construction, TCP advises against pendant mounting.

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

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