



# Power Cage Fluorescent High Bay T8/T5

## DESCRIPTION

Power Cage's full body assembly accommodates multiple optics utilizing either T5 or T8 lamps. The heavy-duty 20 gauge housing and 8 gauge wireguard is code gauge steel and all components, excluding the wireguard, are post painted with a glossy, high reflectance white paint. Sockets include secure, positioning rotating collars.

## APPLICATION

Power Cage's superior lumen package is ideal for replacing traditional metal halide high bay systems. Benefits include high efficiency, 95% lumen maintenance, improved color rendering, extended lamp life, multi-level switching, instant on, dimming and improved uniformity. Suggested mounting heights from 15' - 40' for primary applications, including warehousing, commercial facilities, manufacturing facilities open and stack aisle applications.

## REFLECTOR OPTICS

The superior beam spread optic covers from narrow aisle lighting to open area, general lighting. Power Cage is available using a specular aluminum (SA) or a white aluminum (WA) reflector, which have a 25 year warranty.

## ELECTRICAL

All ballasts are Class P rated and UL/cUL Listed. Our ballasts are also thermally protected, sound rated and tightly secured by mounting bolts, as well as NEMA Premium and CEE qualified.

## FINISH

The baked, white enamel finish is electrostatically applied and post painted with a glossy, highly reflective and durable white paint.



ARRA Qualified

### Power Cage Fluorescent High Bay T8 & T5 Series

#### MAINTENANCE

No tools required for lamp and ballast access.

#### INSTALLATION

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

#### WARRANTY

One year limited warranty against defects in manufacturing. Visit [tcpi.com](http://tcpi.com) for extension options.

#### LISTING

UL/cUL Listed — Suitable for damp locations.



## Product Ordering Matrix

Family	Reflector Distribution	Lamp Quantity	Lamp Type	Voltage	Ballast Factor	Ballast Options*	Options
PC4 - 4' Power Cage	SA - Narrow Distribution	2 (4' Fixture Only)	28 - (T8 28W)	UNI - (120-277)	H - (T8 High)	PRS - (Program Rapid Start)	(See Below)
PC8 - 8' Power Cage	WA - Wide Distribution	3 (4' Fixture Only)	32 - (T8 32W)	347	N - (T8 Normal)	DIM - (Dimming)	
		4 (4' and 8' Fixture)	54 - (T5HO 54W)	480 - T5 only	L - (T8 Low)	*UNI and Step Down only	
		6 (8' Fixture Only)		480X - Step Down	V - (T5HO)		
		8 (8' Fixture Only)		480Y - Step Down for 6 Lamp T5 and 8 Lamp T8			
				480XX - Step Down for 8 Lamp T5			

### OPTIONS (Add to catalog number in order shown)

<b>1 Power Cords</b> <b>6C</b> - 6' PCord 300V 16/3 SJT00W NO PLUG <b>6C4</b> - 6' PCord 300V 18/4 SJT0W NO PLUG <b>6W</b> - 6' WHIP PCord 600V 16/3 NO PLUG <b>2P</b> - 8' PCord 125V 15A 16/3 SJT00W NEMA 5-15P <b>3P</b> - 8' PCord 125V 15A 16/3 SJT0W NEMA L5-15P <b>8T</b> - 8' PCord 480V 20A 16/3 SEOW NEMA L8-20P <b>9T</b> - 8' PCord 250V 20A 16/3 SJT0W NEMA L6-20P <b>4T</b> - 10' PCord 125V 20A 16/3 SJT0W NEMA L5-20P <b>10T</b> - 10' PCord 277V 15A 14/3 SJT0W NEMA L7-15P <b>10T2</b> - 10' PCord 277V 20A 14/3 SJT0W NEMA L7-20P <b>10C</b> - 10' PCord 277V SJT00W NO PLUG <b>10C6</b> - 10' PCord 600V 15A 16/3 ST0W NO PLUG <b>20C</b> - 20' PCord 277V 20A 16/3 SJT00W NO PLUG <b>20C4</b> - 20' PCord 300V 18/4 SJT0W NO PLUG	<b>2 Occupancy Sensors</b> <b>TS1</b> - TCP Occupancy Sensor w/bracket and interchangeable lenses, 40" or less, 120V, 277V, or 347V. <b>TS1C</b> - TCP Cold Storage Occupancy Sensor w/bracket and interchangeable lenses, 40" or less, 120V, 277V, or 347V <b>TS4</b> - TCP Occupancy Sensor w/bracket and interchangeable lenses, 40" or less, 480V <b>TS4C</b> - TCP Cold Storage Occupancy Sensor w/bracket and interchangeable lenses, 40" or less, 480V  Use a program rapid start ballast with occupancy sensor. TCP is not responsible for lamps failing prematurely due to an occupancy sensor being used with an instant start ballast.	<b>3 Wire Guard / Lens</b> <b>NWG</b> - No wire guard <b>PIL</b> - Prismatic Insert Lens, to be used with Wire Guard <b>PWL</b> - Prismatic Wrap Lens, not to be used with Wire Guard	<b>5 Lamps Installed in Job Pack</b> <b>830</b> - T5 and T8 Lamps <b>835</b> - T5 and T8 Lamps <b>841</b> - T5 and T8 Lamps <b>850</b> - T5 and T8 Lamps <b>865</b> - T5 Lamps Only
<b>AVAILABLE HANGING KITS (ordered separately)</b> <b>EZHANGER</b> - 15' adjustable Aircraft Cable Hanging Kit <b>LHKIT</b> - Single Point Hook Mounting Kit complete	<b>4 Emergency Ballasts</b> <b>20B1</b> - TCP 450 LMS 90 min (T8) <b>20B6</b> - TCP 700 LMS 90 min (T8) <b>20B5</b> - TCP 1400 LMS 90 min (T8 or T5) <b>20BL5</b> - TCP 800 LMS 90 min (T5) <b>20BL6</b> - TCP 1350 LMS 90 min (T5)  <b>Emergency Ballast Notes:</b> Orders with an emergency ballast must include a note on the order indicating the number of lamps to be operated, which lamp(s) will be operated by the emergency ballast (i.e. 3rd lamp), and what voltage is to be used (i.e. 120V). See Emergency Ballast Spec Sheets for details.	<b>6 Special Mounting</b> <b>HCB</b> - Hub Connector Box - 3/4" Threaded Hub Mount	<b>7 Special Packaging</b> <b>SP</b> - Single Packed (not available with lamps installed)

† If a desired lamp and/or ballast is needed in a TCP linear fluorescent fixture, please provide a spec sheet when consulting with your local sales rep. The sales rep will provide a price for the desired lamp and/or ballast.