Polar Bay T8/T5

DESCRIPTION

Polar Bay's full body assembly accommodates either T8 or T5 lamps. The gasketed enclosure is constructed of a fiberglass upper body and acrylic diffuser, with a continuous poured gasket. The diffuser and upper components are locked by retaining latches, which ensures a tight seal. Sockets include secure, positioning rotating collars.

APPLICATION

The Polar Bay Enclosure is IP66 and IP67 rated, dust and moisture-resistant (high volume hose tested), making it ideal for harsh environments where humidity or moisture is present.

Primary applications include the following:

- Food Processing Facilities
- Kitchens
- Public Areas
- Subways
- Schools
- Parking Garages
- Gas Stations
- Government Facilities
- Industrial Facilities
- Exterior Retail

REFLECTOR OPTICS

The superior beam spread optics are ideal for an open area, general lighting. The Polar Bay comes standard with a white channel cover (WA), and it is available using a specular aluminum (SA) Miro®4 Reflector, which has 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 finish is white with fiberglass housing.

ARRA Qualified

Polar Bay T8 & T5 Series

MAINTENANCE
No tools required for lamp and ballast access.

INSTALLATION
Luminaire comes with V-Hooks.

WARRANTY
One year limited warranty against defects in manufacturing. Visit tcpi.com for extension options.

LISTING
- UL/cUL Listed
- NSF International
- U.S.D.A.
- RoHS Compliant
- NEMA 4X
- IP66 and IP67 Certified

cULus LISTED

Product Ordering Matrix

Family	Reflector Distribution	Lamp Quantity	Lamp Type	Voltage	Ballast Factor	Ballast Options*	Options
PL4 - 4' Polar Bay	SA - Medium Distribution	4	28 - (T8 28W)	UNI - (120-277)	H - (T8 High)	PRS - (Program Rapid Start)	(See Below)
	WA - Wide Distribution	6	32 - (T8 32W)	347	N - (T8 Normal)	DIM - (Dimming)	
			54 - (T5HO 54W)	480 - T5 only	L - (T8 Low)		
				480X - Step Down	V - (T5HO)	*UNI and Step Down only	
				480Y - Step Down for 6 Lamp T5			

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
2P - 8' PCord 125V 15A 16/3 SJTOOW NEMA 5-15P
3P - 8' PCord 125V 15A 16/3 SJTOW NEMA L5-15P
8T - 8' PCord 480V 20A 16/3 SEOW NEMA L8-20P
9T - 8' PCord 250V 20A 16/3 SJTOW NEMA L6-20P
4T - 10' PCord 125V 20A 16/3 SJTOW NEMA L5-20P
10T - 10' PCord 277V 15A 14/3 SJTOW NEMA L7-15P
10T2 - 10' PCord 277V 20A 14/3 SJTOW NEMA L7-20P
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

AVAILABLE HANGING KITS (ordered separately)

TCPYHOOKX10FT - Y-Hook 10-Foot Hanging Kit
TCPYHOOKX20FT - Y-Hook 20-Foot Hanging Kit
LHKIT - Single Point Hook Mounting Kit complete
PLSURFMOUNT - Surface mount bracket for Polar Bay; order (2) per luminaire

❷ Occupancy Sensors
OSWL3 - Occupancy Sensor w/bracket for Cold Storage/Wet Location, 20' or less, 120V-277V

OSWL4 - Occupancy Sensor w/bracket for Cold Storage/Wet Location, 20'-45', 120V-277V

OSWL5 - Occupancy Sensor w/bracket for Cold Storage/Wet Location, 20' or less, 347V-480V

OSWL6 - Occupancy Sensor w/bracket for Cold Storage/Wet Location, 20'-45', 347V-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.

❸ Emergency Ballasts
20B1 - TCP 450 LMS 90 min (T8)
20B6 - TCP 700 LMS 90 min (T8)
20B5 - TCP 1400 LMS 90 min (T8 or T5)
20BL5 - TCP 800 LMS 90 min (T5)
20BL6 - TCP 1350 LMS 90 min (T5)

Emergency Ballast Notes:
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.

Mounting
Supplied with a stainless steel mouting bracket

❹ Lamps Installed in Job Pack
830 - T5 and T8 Lamps
835 - T5 and T8 Lamps
841 - T5 and T8 Lamps
850 - T5 and T8 Lamps
865 - T5 Lamps Only

❺ Special Packaging
SP - Single Packed

† 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.

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

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