

## Power Strip Fluorescent High Bay T8/T5

### Application

The Power Strip'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' with primary applications including warehousing, commercial facilities, manufacturing facilities, open and stack aisle applications.

### Description

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

### Reflector Optics

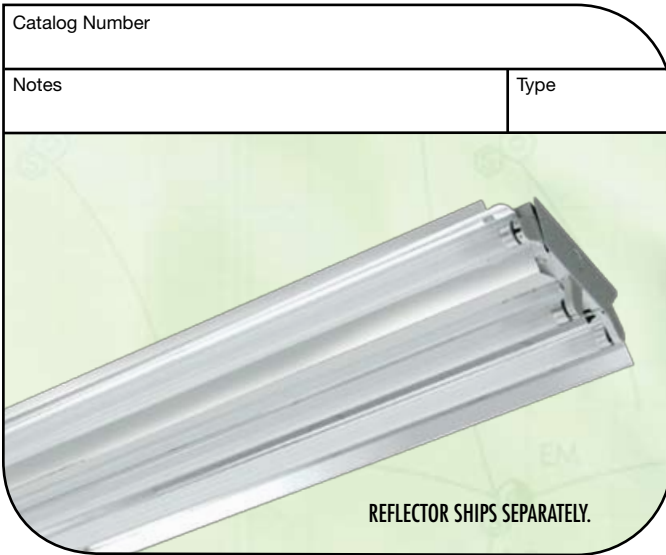
The superior beam spread optic covers from narrow aisle lighting to open area general lighting. The Power Strip is available using a 95% reflectance specular aluminum (SA) Miro®4 or a 92% reflectance white aluminum (WA) reflector, which have a 25 year warranty.

### 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.

### Finish

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



### Power Strip Fluorescent High Bay T5 and T8 Series

#### Maintenance

No tools required for lamp and ballast access.

#### Installation

Suspension by chain, cable, hook or monopoint with appropriate accessories. Reflectors not pre-installed on fixture. Some assembly required.

#### Warranty

One year warranty against defect in manufacturing.

#### Listing

UL/CUL Listed - Suitable for damp locations.

### Catalog Ordering Matrix

Family	Reflector Distribution	Lamp Quantity	Lamp Type	Voltage	Ballast Factor	Specific Ballast	Options
PS4 - 4' Power Strip	SA - Narrow Distribution	3	28 - (T8 28W)	UNI - (120-277)	H - (T8 High)	Leave Blank - (TCP)	(See Below)
PS8 - 8' Power Strip	WA - Wide Distribution	*6	32 - (T8 32W) 54 - (T5HO 54W)	347 480	N - (T8 Normal) L - (T8 Low) V - (T5HO) HPRS - (T8 H Program Rapid Start)	GE - (GE) ADV - (Advance) ULT - (Universal) SYL - (Sylvania) Must provide ballast part number on order for specific ballast	

#### OPTIONS

#### Power Cords

2P - 120V, 15A, 8' Power cord w/ straight blade plug  
3P - 120V, 15A, 8' Power cord w/ twist lock plug  
4T - 120V, 20A, 10' Power cord w/ twist lock plug  
11P - 208V, 15A, 8' Power cord w/ straight blade plug  
9T - 208V, 20A, 8' Power cord w/ twist lock plug  
8P - 277V, 20A, 8' Power cord w/ straight blade plug  
10P - 277V, 20A, 15' Power cord w/ straight blade plug  
10T - 277V, 15A, 10' Power cord w/ twist lock plug  
10T2 - 277V, 20A, 10' Power cord w/ twist lock plug  
6C - 120V-300V rated 6' Power cord only. No plug  
10C - 120V-300V rated 10' Power cord only. No plug  
10C6 - 120V-600V rated 10' Power cord only. No plug  
20C - 120V-300V rated 20' Power cord only. No plug  
6W - 600V rated 6' flexible metal conduit fixture whip  
6C4 - 120V-300V 6' Power cord only. 4 wire. No plug  
20C4 - 120V-300V 20' Power cord only. 4 wire. No plug  
8T - 480V, 20A, 8' Power cord w/ L8-20 twist lock plug

#### Occupancy Sensors

OS6 - Occupancy sensor w/ bracket for 15'+ mounting hgt.  
OS9 - Occupancy sensor w/ bracket for 15' mounting hgt.

Use a program rapid start ballast with occupancy sensor. EcoVations is not responsible for lamps failing prematurely due to an occupancy sensor being used with an instant start ballast.

#### Emergency Ballasts

20B1 - TCP 450 LMS 90 min (T8)  
20B6 - TCP 700 LMS 90 min (T8)  
20B5 - TCP 1400 LMS 90 min (T8)  
20B3 - TCP 3000 LMS 90 min (T8 or T5)  
20BL5 - TCP 800 LMS 90 min (T5)  
20BL6 - TCP 1350 LMS 90 min (T5)  
B1 - 400 LMS 90 min (T8)  
B7 - 550 LMS 120 min (T8)  
B9 - 550 LMS 90 min (T8)  
B6 - 650 LMS 90 min (T8)  
B5 - 1350 LMS 90 min (T8)  
B3 - 3000 LMS 90 min (T8 or T5)  
BL5 - 700 LMS 90 min (T5)  
BL6 - 1250 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.

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

#### Special Mounting

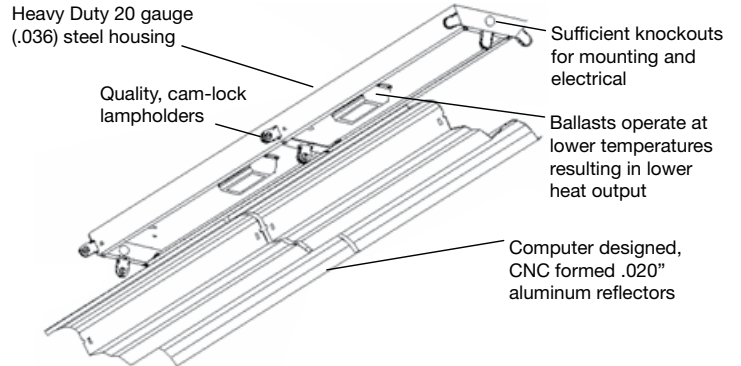
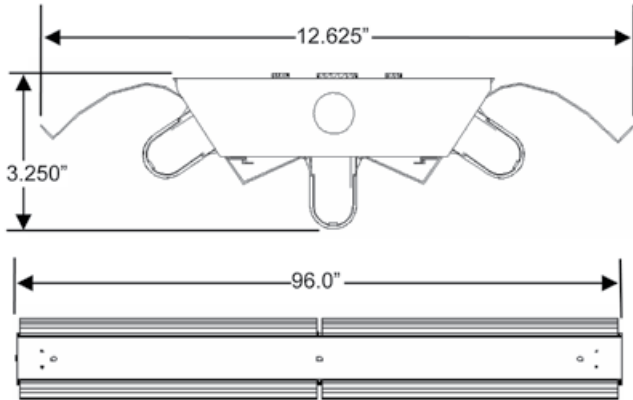
EZHANGER - 15' adjustable aircraft cable hanging kit

\* 6 lamp available in PS8 housing only.

EcoVations will install supplied modular wire cords

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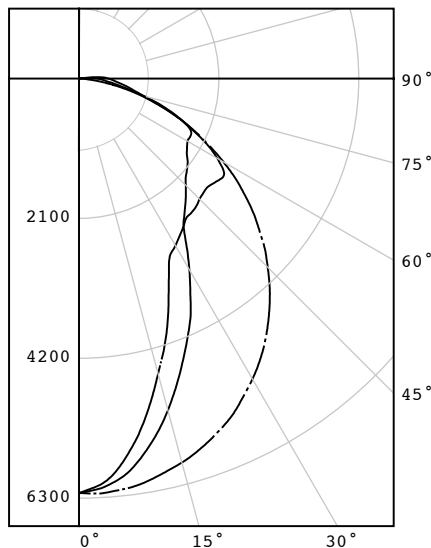
### Dimensions & Construction



All cold rolled steel parts are post painted with a glossy, highly reflective and durable white paint

### Photometric Report

**1 x 4 Power Strip, 3-54W, 95% Specular Reflector** Calculated using the zonal cavity method. Lamp configurations shown are typical. All data based on 25°C. Full photometric data on these and other configurations available upon request.



#### Candela Distribution

0	6223	6223	6223	6223	6223
5	6214	6187	6080	5999	5961
15	5969	5723	5156	4758	4589
25	5524	4888	3961	3379	3195
35	4858	3804	2743	2716	2728
45	4007	2682	2268	2486	2559
55	3034	1720	1977	2406	2613
65	1969	1191	1854	1958	1946
75	935	908	1011	985	988
85	115	261	402	525	567
90	0	136	285	404	441

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
0-30	3949	29.6	29.5
0-40	5999	44.9	44.9
0-60	10072	75.4	75.4
0-90	13246	99.2	99.2
90-120	119	0.9	0.9
90-130	119	0.9	0.9
90-150	119	0.9	0.9
90-180	119	0.9	0.9
0-180	13365	100.1	100.0

Total Luminaire Efficiency = 100.1%

#### Luminance Data in Candela/ Square Meter

	0.0	45.0	90.0
45.0	16319	9295	10600
55.0	15224	9959	13210
65.0	13368	13930	13013
75.0	10308	10689	10115
85.0	3630	10165	12830

#### Photometric Report

Efficiency (total)	1.00
Spacing Criterion (0-Deg)	1.2
Spacing Criterion (90-Deg)	0.8

Photometric Data by  
Independent Testing Lab.  
ITL Boulder.