



## TCP Select Series LED UFO High Bay Luminaires User Guide

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Select Series  
LED UFO High  
Bay Luminaires  
Product Specifications



TCP's easy-to-install Select Series LED UFO High Bay Luminaires have a sleek, robust design that can be paired with optional lenses to meet a variety of application needs.

Combining long life and outstanding efficacy up to 165 LPW, TCP offers a cost-effective solution to maximize energy and maintenance savings. These LED luminaires instantly deliver brilliant white light, eliminating long warm up times experienced with HID fixtures.

## Reasons to choose the Select Series LED UFO High Bay Luminaires from TCP

- Energy-efficient design delivers up to 165 LPW and uses less energy than HID alternatives
- Smooth, uniform 0-10V dimming
- Instant on
- Long life: 50,000 hours
- Heavy duty die-cast aluminum housing
- IP65 wet location rated
- Standard hanging hook and optional pendant mount adapter available for easy installation
- Mercury-free and environmentally friendly
- Battery backup is Title 20 Compliant
- IK10 rating eliminates the need for a wire guard

## Ideal Applications

- Warehouses & Distribution Centers
- Commercial Facilities
- Aisles (Open & Stock)
- Retailers
- Schools & Municipalities
- Field Houses & Gymnasiums
- Open Ceiling Designs

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## Specifications

Input Line Voltage	120-277VAC
Input Line Frequency {Hz}	10/60Hz
Wattage (VW)	80/100/150/200/240W
Lumens (L]	13,200/16,500/24,750/33,000/39,600L
Lumens per Watt (LPVV)	2165 LPW
Rated Life	50,000 hours
Minimum Starting Temperature	-AOPC [-22°F)
Maximum Operating Temperature	50°C (122°F)
CRI... eee	>80
Power Factor	>0.95
THD...	<20%
Surge Protection .	OK
Ratings .	cULus wet location rated, IP65
Controls	ZLHAGA Book 18 Receptacle



Select Series LED Round High Bay



## Replacement Strategy

TYPE	WATTAGE	ENERGY SAVINGS
TCP UFO High Bay — 13,200 Lumens	BOW	—
150W Metal Halide	150W	47%
TCP UFO High Bay — 16,500 Lumens	120W	—
175W Metal Halide	175W	31%
TCP UFO High Bay — 24,750 Lumens	150W	—
250W Metal Halide	250W	40%
TCP UFO High Bay — 33,000 Lumens	200W	—
320W Metal Halide	320W	38%
TCP UFO High Bay — 39,600 Lumens	240W	—
400W Metal Halide	400W	40%

## Applications

The TCP Select Series LED UFO High Bay Luminaire is ideal for replacing traditional metal halide high bay systems. Benefits include high efficiency, excellent color rendering, long life, instant on, and improved uniformity. Suggested mounting heights from 40' – 60' with primary applications including warehousing, commercial facilities, manufacturing facilities, open floor, aisle applications, and gymnasiums.

### Construction

- Housing: durable and lightweight cast aluminum alloy
- IK10 rating eliminates the need for a wireguard
- Polycarbonate lens
- Finish: powder coated, post-painted black
- Easy-to-install with hanging hook (standard) or optional pendant mount adapter or pendant mount adapter with wiring box
- Sleek, stylish design
- 6FT power cord

### Electrical

- cULus wet location rated, IP65
- 0-10V dimming driver (standard)
- System rated for long 50,000 hour life
- Efficiently delivers up to 165 LPW
- ZHAGA Book 18 Receptacle

### Optics

- 110° beam angle
- Optional refractor available to minimize glare
- Multiple reflector options to fit a variety of applications and aesthetic needs

Item Number.....

Notes.....

Type.....



## Listings

- cULus Listed – wet location rated
- IP65 Rated
- RoHS Compliant
- IK10 Rated

## Warranty

Five year limited warranty against defects in manufacturing.

**Catalog Ordering Matrix Example: UFOUZDSW3CCT**

Catalog Ordering Matrix Example: UFOUZDSW3CCT						
FAMILY	VOLTAGE	CONTROLS/ DIMMING	LUMEN PAC KAGE1	WATTAGE2	COLOR TEM PERATURE	COLOR OPTI ONS3
UFO – Selec t Series UFO High B ay	U – 120V-277 V	ZD – 0-10V D imming	13,200L <b>SW3</b> – 16,500L 24,750L	80W 100W 150W	<b>CCT</b> – 30K/40K/50K Color Selecta ble	<b>BLANK</b> – Bla ck <b>WH</b> – White
			24,750L <b>SW6</b> – 33,000L 39,600L	150W 200W 240W		

## Accessories:

Item Number	Description
UFOBRKT	ADJUSTABLE BRACKET
UFOPMJB34	3/4" POLE MOUNT ADAPTER WITH JUNCTION BOX
BILDAIP65EM30	30W IP65 WET LOCATION RATED TITLE 20 BACKUP BATTERY
HM1	HAISEN 12V 0-10V DIMMING MICROWAVE SENSOR
HP1	HAISEN 12V 0-10V DIMMING PASSIVE INFRARED SENSOR

Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.

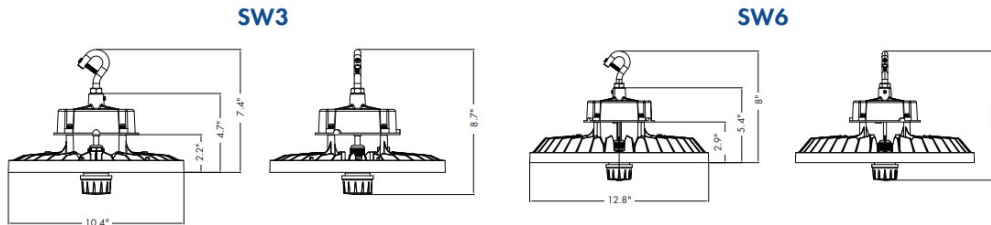
Actual wattage may differ by +/- 10%.

Black color is standard. Other colors are special order only, extended lead times will apply. 100 pieces minimum order quantity for special color orders.

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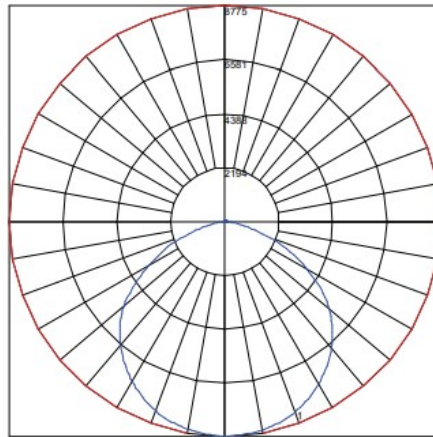
## Dimensions and Mounting Data



## Photometric Report

Based on photometric data for TCP Item #UFOUZDSW3CCT

### Polar Graph



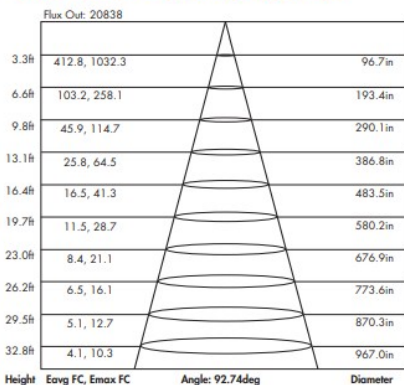
Maximum Candela = 8775.1 Located At Horizontal Angle = 90, Vertical Angle = 1

# 1 – Vertical Plane Through Horizontal Angles (90 – 270) (Through Max. Cd.)

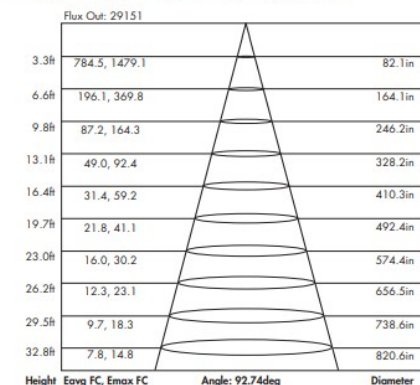
# 2 – Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

### Cone Charts

#### 150W Model – 4000K Configuration



#### 240W Model – 4000K Configuration



**Note:** The Curves indicate the illuminated area and the average illumination when the luminaire is at different heights. Illumination values measured in footcandles.

1. Average output at a specified height relative to total output within  $\pm 10\%$  depending on device configuration
2. Max output at specified height relative to total output within  $\pm 10\%$  depending on device configuration



3. Diameter of beam spread  $\pm$  15in depending on device configuration

Specifications and dimensions subject to change without notice.

For the most up-to-date specs and warranty information, please visit [www.tcpi.com](http://www.tcpi.com)

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## TECHNOLOGY CAST IN A

### BEAUTIFUL LIGHT

For over 30 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market – that transforms your surroundings and envelopes you in warmth – lighting that generates beauty with every flip of the switch.

Sales:.....

Date:.....

Model:.....

Project:.....

Rep:.....

Catalog Number:.....

Type:.....

Notes:.....



For more information on the quality and care TCP can deliver, call us at 800.324.1496 or visit [tcpi.com](http://tcpi.com)

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## Documents / Resources

	<p><a href="#">TCP Select Series LED UFO High Bay Luminares</a> [pdf] User Guide</p> <p>UFOUZDSW3CCT, UFOUZDSW6CCT, Select Series LED UFO High Bay Luminares, Select Series, LED UFO High Bay Luminares, UFO High Bay Luminares, High Bay Luminares, Bay Luminares</p>
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## References

- [#1 LED Lighting Manufacturer - Custom Lighting & Light Bulbs | TCP](#)
- [#1 LED Lighting Manufacturer - Custom Lighting & Light Bulbs | TCP](#)
- [User Manual](#)

## **Manuals+. Privacy Policy**

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