



# Economy LED UFO High Bay Luminaires

## Product Specifications



TCP's easy-to-install Economy LED UFO High Bay Luminaires have a sleek, robust design that meets a variety of application needs. This is the perfect high bay solution for projects that require quality and performance on a tight budget.

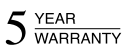
Combining long life and outstanding efficacy up to 145 LPW, TCP offers an economic solution to maximize energy and maintenance savings. These LED luminaires instantly deliver brilliant white light, eliminating long warm-up times experienced with HID fixtures.

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

- Energy efficient design delivers up to 145 LPW
- Smooth, uniform 0-10V dimming
- Instant on
- Long life: 50,000 hours
- Heavy duty die-cast aluminum housing
- IP65 wet location rated

## Ideal Applications

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



## Applications

This product can be effectively used in many indoor applications such as Convention Centers, Warehouses, Commercial Facilities, Retail Stores, Schools, Gymnasiums, or any open ceiling design.

## Construction

- IP65 rated
- Die-cast aluminum housing
- Durable black powder coat
- Hangs from an included eye bolt
- Operating temperature: -20°C to 50°C

## Electrical

- cULus wet location rated
- 6 foot power cord
- 0-10V dimming
- System rated for long 50,000 hour life
- Efficiently delivers up to 145 LPW

## Optics

- Clear acrylic lens
- Delivers bright, white light and excellent uniformity



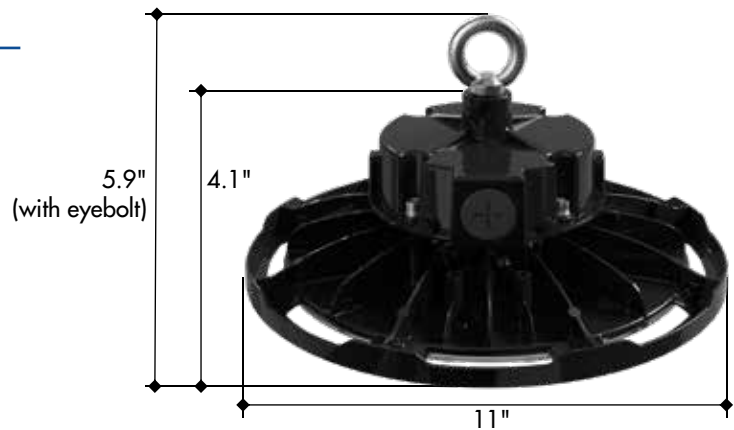
### Listings

UL and cUL listed  
IP65 Rated

### Warranty

Five year limited warranty against defects in manufacturing.

## Dimensions



## Catalog Ordering Matrix

Example: EUFOUZDSW4CCT

FAMILY	VOLTAGE	DIMMING	LUMEN PACKAGE <sup>1</sup>	WATTAGE <sup>2</sup>	COLOR TEMPERATURE
EUFO - Economy UFO High Bay	U - 120V-277V	ZD - 0-10V Dimming	16,750L SW4 - 23,200L 30,500L	115W 160W 200W	CCT - 4000K/5000K Selectable

<sup>1</sup>Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.

<sup>2</sup>Actual wattage may differ by +/- 10%.

### Field Installed Accessories:

Item Number	Description
EUFOMS1	Microwave Sensor
ISREMOTE	Remote to control the EUFOMS1
EUFODRVSW4	Replacement Driver for SW4 Lumen Package

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

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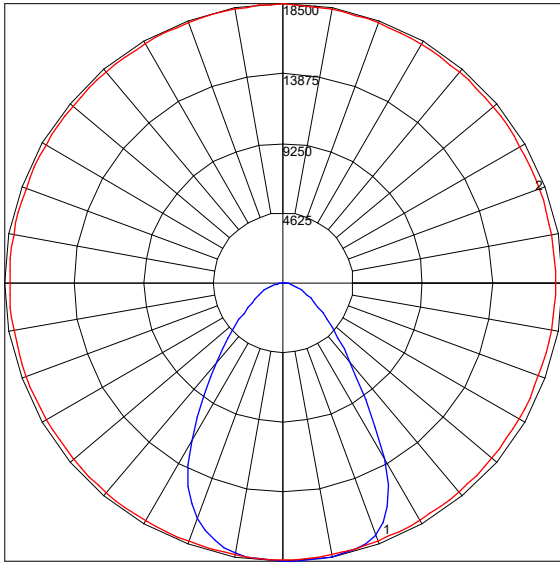


Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).

## Photometric Report

Photometric data taken from EUFOUZDSW4CCT when set at 200W and 4000K.

### Polar Graph



Maximum Candela = 18499.5 Located At Horizontal Angle = 270, Vertical Angle = 5  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

### Characteristics

Luminaire Lumens	100 %
Total Luminaire Efficiency	150
Luminaire Efficacy Rating (LER)	194.546
Total Luminaire Watts	1.00
Ballast Factor	Direct
CIE Type	1.10
Spacing Criterion (0-180)	1.14
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	Rectangular
Basic Luminous Shape	1.12 m
Luminous Length (0-180)	0.54 m
Luminous Width (90-270)	0.00 m
Luminous Height	

### Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89	89	89	89
2	103	97	91	87	101	95	90	86	92	87	84	88	85	82	85	83	80	78	78	78	78
3	96	88	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69	69	69	69
4	90	80	72	67	87	78	72	66	76	70	65	74	69	65	72	67	64	62	62	62	62
5	84	73	65	60	82	72	65	59	70	64	59	68	62	58	66	61	58	56	56	56	56
6	78	67	59	54	76	66	59	54	64	58	53	63	57	53	61	56	52	51	51	51	51
7	73	62	54	49	72	61	54	49	59	53	48	58	52	48	57	52	48	46	46	46	46
8	69	57	50	45	67	56	49	44	55	49	44	54	48	44	53	48	44	42	42	42	42
9	65	53	46	41	64	53	46	41	51	45	41	50	45	41	50	44	40	39	39	39	39
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	36	36	36	36

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	6619.45	22.70	22.70
0-30	13410.63	46.00	46.00
0-40	19488.58	66.90	66.90
0-60	26363.09	90.50	90.50
0-80	28858.05	99.10	99.00
0-90	29141.49	100.10	100.00
10-90	27411.51	94.10	94.10
20-40	12869.13	44.20	44.20
20-50	17019.96	58.40	58.40
40-70	8523.62	29.30	29.20
60-80	2494.96	8.60	8.60
70-80	845.85	2.90	2.90
80-90	283.43	1.00	1.00
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	29141.49	100.10	100.00

Total Luminaire Efficiency = 100.10%

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



# 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 [tcp.com](http://tcp.com)

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