



LED UFO High Bay Luminaires

Product Specifications



TCP's easy-to-install 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 165 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 LED UFO High Bay Luminaires from TCP

- Energy efficient design delivers up to 165 LPW
- Smooth, uniform 0-10V dimming
- Instant-on
- Long-life: 50,000 hours
- Heavy duty die-cast aluminum housing
- IP65 wet location rated
- IK10 Rated for impact protection

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
- IK10 rated impact resistant lens
- 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 165 LPW

Optics

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



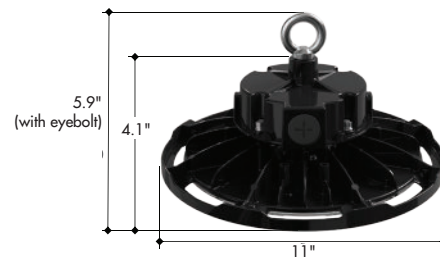
Listings

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 (WATTAGE) ^{1,2}	COLOR TEMPERATURE	COLOR OPTIONS ³	SENSOR OPTIONS
SELECTABLE WATTAGE WITH SELECTABLE COLOR						
EUFO – UFO High Bay	U – 120V/277V H – 347V/480V	ZD – 0-10V Dimming	SW3 – 13,200/19,800/25,500L (80/120/155W) SW4 – 16,750L/23,200L/32,000L (115/160/210W) SW6 – 25,500/33,000/40,500L (155/200/240W)	CCT – 4000K/5000K Selectable	Blank – Black WH – White	Blank – No Sensor NLS – Network Lighting Control ⁴

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

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

³ Black Color is standard, extended lead times apply for all other color options.

⁴ The NLS Network Lighting Control sensor is sold as a field installed sensor and will be included in the box when using the suffix 'NLS.' This is done for compliance with all rebate requirements.

Field Installed Accessories:

Item Number	Description	Item Number	Description
EUFOMS1	Microwave Sensor	EUFOACLENSSW*	Bottom Lens for Acrylic Refractor ("*" = Lumen Package)
ISREMOTE	Remote to control the EUFOMS1	EUFOBRKT	YOKE MOUNT
EUFODRVSW*	Replacement Driver ("*" = Lumen Package)	EUFOPMA34	3/4 Inch Pendant Mount Adapter
EUFOACREFLSW*, ¹	Acrylic Refractor ("*" = Lumen Package)	BILDAIP65EM30	30W IP65 Wet Location Rated Title 20 Backup Battery

* = Lumen package. For example if you are selling the EUFOSW6CCT, the Refractor would be EUFOACREFLSW6.

¹ NOT INCLUDED- Requires four (4) M4-0.7 x 10mm for mounting

Mounting Options



EUFOPMA34

3/4" pendant mount adapter for all EUFO lumen packages.



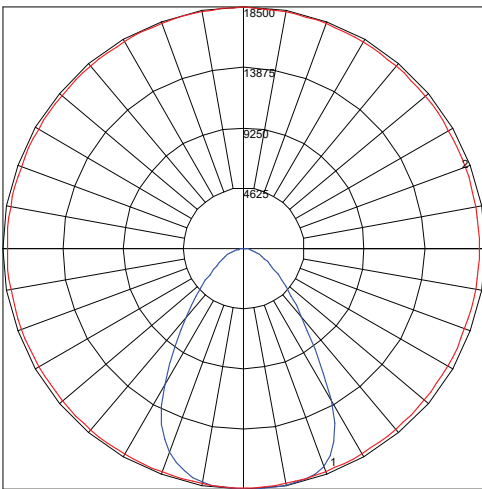
EUFOBRKT

Adjustable surface mount bracket for all EUFO lumen packages.

Photometric Report

Photometric data taken from EUFOUZDSW4CCT when set at 210W 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	102	102	100	
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89	89	89	
2	103	97	91	87	101	95	90	86	92	87	84	88	85	82	85	83	80	78	78	78	
3	96	88	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69	69	69	
4	90	80	72	67	87	78	72	66	76	70	65	74	69	65	72	67	64	62	62	62	
5	84	73	65	60	82	72	65	59	70	64	59	68	62	58	66	61	58	56	56	56	
6	78	67	59	54	76	66	59	54	64	58	53	63	57	53	61	56	52	51	51	51	
7	73	62	54	49	72	61	54	49	59	53	48	58	52	48	57	52	48	46	46	46	
8	69	57	50	45	67	56	49	44	55	49	44	54	48	44	53	48	44	42	42	42	
9	65	53	46	41	64	53	46	41	51	45	41	50	45	41	50	44	40	39	39	39	
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	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.tcpi.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

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