

LED ELITE 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

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325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcpi.com

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.

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5 YEAR WARRANTY

LED ELITE UFO High Bay Luminaires

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
DLC 5.1 (Standard)

Warranty
Five year limited warranty against defects in manufacturing.

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 **C** – 120V-347V **H** – 270V-480V	**ZD** – 0-10V Dimming	**SW3** – 14,025/19,800/26,500L (81/120/160W) **SW4** – 19,800L/26,500L/32,000L (120/160/210W) **SW6** – 26,500/32,000/40,500L (160/210/240W) **SW7** – 40,500/44,800/51,200L (240/280/320W)	**CCT** – 4000K/5000K Selectable	**Blank** – Black **WH** – White	**Blank** – No Sensor **IS** – Microwave 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	**EUFOACLENSSW4**	Bottom Lens – EUFOSW4 Acrylic Refractor
ISREMOTE	Remote to control the EUFOMS1	**EUFOACLENSSW6**	Bottom Lens – EUFOSW6 Acrylic Refractor
EUFOACREFLSW3[1]	Acrylic Refractor for EUFOSW3	**EUFOBRKT**	Yoke Mount
EUFOACREFLSW4[1]	Acrylic Refractor for EUFOSW4	**EUFOPMA34**	3/4 Inch Pendant Mount Adapter
EUFOACREFLSW6[1]	Acrylic Refractor for EUFOSW6	**BILDAIP65EM30**	30W IP65 Wet Location Rated Title 20 Backup Battery
EUFOACLENSSW3	Bottom Lens – EUFOSW3 Acrylic Refractor	**SWBTSWSP**	NLS Bluetooth Switch and Dimmer

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

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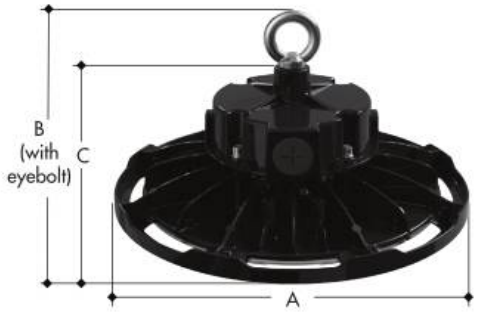
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Dimensions



	EUFOUZDSW3CCT	EUFOUZDSW4CCT	EUFOUZDSW6CCT	EUFOUZDSW7CCT
A	10.2" (260mm)	11.8" (300mm)	13.4" (340mm)	15.2" (385mm)
B	6.1" (154mm)	6.1" (154mm)	6.5" (164mm)	7.1" (181mm)
C	4.3" (110mm)	4.3" (110mm)	4.7" (120mm)	5.6" (142mm)



	EUFOACREFLSW3	EUFOACREFLSW4	EUFOACREFLSW6
A	12.2" (310mm)	15.1" (384mm)	12.6" (320mm)
B	8.8" (224mm)	8.6" (218mm)	9" (227mm)
C	14.5" (368mm)	12.9" (320mm)	12.6" (320mm)

Mounting Options



EUFOPMA34

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



EUFOBRKT

Adjustable surface mount bracket for all EUFO lumen packages.

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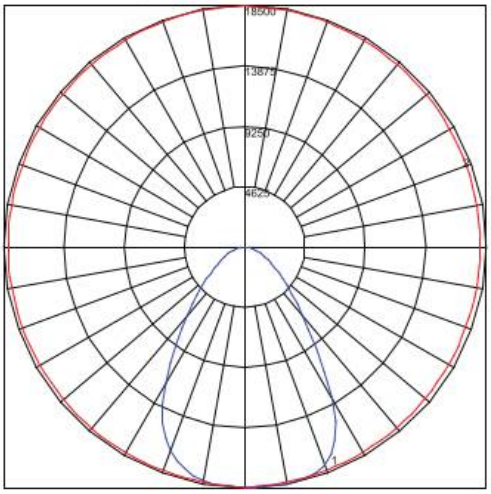
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Photometric Report

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

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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:	Catalog Number:
Date:	Type:
Model:	Notes:
Project:	
Rep:	

TCP® we know light.™

For more information on the quality and care TCP can deliver, call us at 800.324.1496 or visit tcpi.com

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