



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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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.

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

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

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

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

⁴The 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- EUFOSW3 & EUFOSW4 Acrylic Refractor
ISREMOTE	Remote to control the EUFOMS1	EUFOACLENSSW6	Bottom Lens – EUFOSW6 Acrylic Refractor
EUFODRVSW	Replacement Driver	EUFOBKRKT	YOKE MOUNT
EUFOACREFLSW4¹	Acrylic Refractor for EUFOSW3 & EUFOSW4	EUFOPMA34	3/4 Inch Pendant Mount Adapter
EUFOACREFLSW6¹	Acrylic Refractor for EUFOSW6	BILDAIP65EM30	30W IP65 Wet Location Rated Title 20 Backup Battery

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

For the most up-to-date specs and warranty information, please visit www.tcp.com

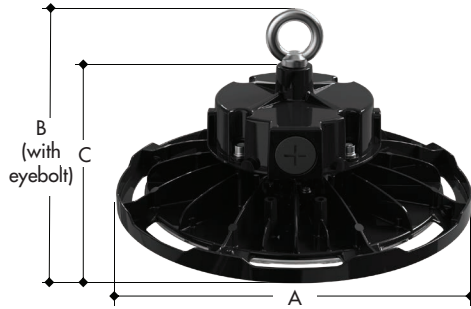
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5 YEAR WARRANTY

Dimensions



	EUFUOZDSW3CCT	EUFUOZDSW4CCT	EUFUOZDSW6CCT	EUFUOZDSW7CCT
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.

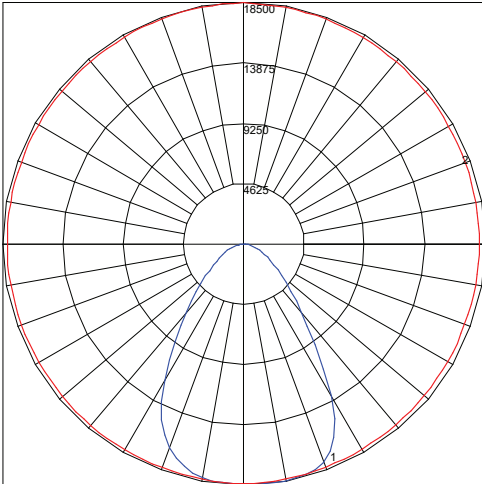


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Photometric Report

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

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:

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

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