

## LED UFO High Bay Fixture SPEC SHEET



### Upgrade Your Facility in Style!

Britewide's UFO style Generation 2 High Bay LED luminaires are compact, lightweight for easy install, and suitable for up to 35 foot mounting heights. DLC premium qualified with available models delivering 13 to 30K lumens. The luminaire offers a 50K hour life rating and is suitable for elevated ambient temperatures. Perfect for warehouses, gymnasiums and production assembly areas.

### FEATURES

- Built-in cooling fins provide maximum heat dissipation for higher ambient temperatures
- Die cast hook mount standard for ease of installation
- ¾" threaded hub for pendant mount applications
- Impact resistant glass lens
- Includes 6 foot power & dimming cord with leads
- Wet location rated IP65

### APPLICATIONS

- Suitable for wet location
- Warehouse and industrial lighting, big box retail





Job Name/Title: \_\_\_\_\_ Catalog Number \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

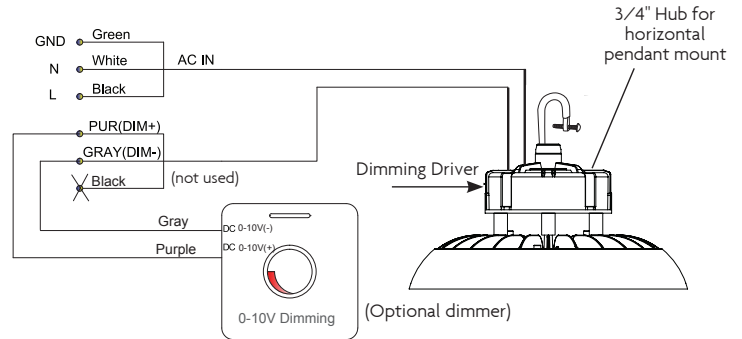
## LED UFO High Bay Fixture SPEC SHEET

### GENERAL SPECIFICATIONS

- Volts:** 120-277VAC
- Power Factor:** >0.9
- THD:** <20%
- Average Rated Life:** 50,000
- Dimming\*:** 0-10 with max 2 mAmps sink current
- Surge Protection:** 6 KV
- Beam Angle:** 110°, IES Type V distribution
- CRI:** >80
- CCT:** 5000K
- Color:** Black
- Ambient temp:** -40°F to 140°F

### DIMMER CONNECTION

1. Compatible with 0-10V dimming.
2. Connect wires as below, purple wire is D +, gray wire is D -, cap black wire.

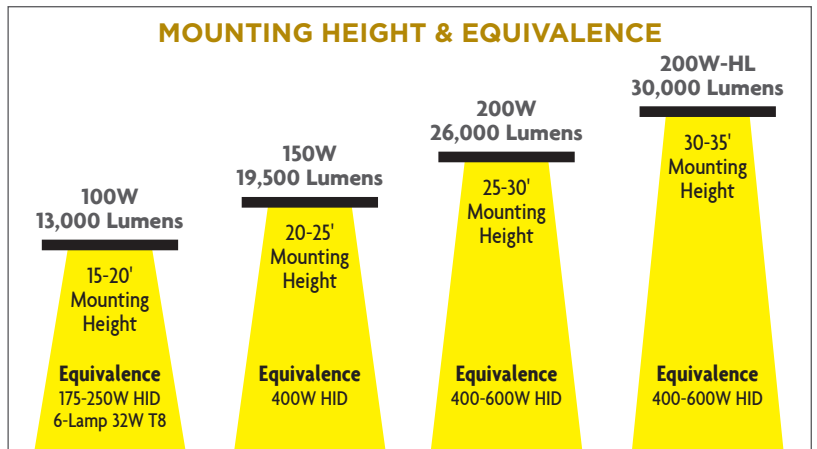


**Weight:**  
 100W and 150W: 9.2 lbs  
 200W: 14.3 lbs

**Dimensions:**  
 100W/150W: 11.9" Dia. x 2.68" Depth  
 200W: 14.9" Dia. x 2.99" Depth

### ENERGY SAVINGS

	LED Watts	Equiv HID Wattage	Energy Savings, Watts	Yearly Saving, \$	5 Year Savings, \$
<b>Based on 12 hours/day and .11/kwhr</b>					
BWH-UFO-100W	100	250W	150	\$72.27	\$361.35
BWH-UFO-150W	150	400W	250	\$120.45	\$602.25
BWH-UFO-200W	200	750W	550	\$264.99	\$1,324.95
BWH-UFO-200W-HL	200	1,000W	800	\$385.44	\$1,927.20



\*Dimming with standard 0-10V control system or wall dimmers such as Leviton IP710, DS710 or Lutron DVSTV. Dimming complies with IEC60929 Annex E.

\*\*HID equivalent and recommended mounting height may vary and depend on application required illuminance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Fixture may not be compatible with all dimmers. Visit [www.topaz-usa.com](http://www.topaz-usa.com) for up-to-date dimmer compatibility information. Specifications subject to change without notice.



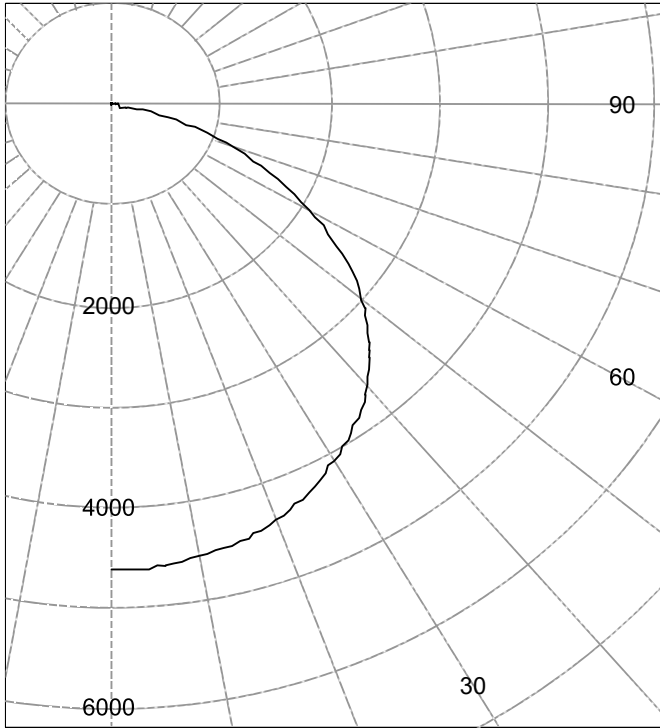
Job Name/Title: \_\_\_\_\_ Catalog Number \_\_\_\_\_

Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

**LED UFO High Bay Fixture**  
SPEC SHEET

**BWH-UFO-100W**

Legend: All planes - Black (cd)



(Rotational symmetry)

**AVERAGE LUMINANCE (cd / m<sup>2</sup>)**

Gamma	C0
45.0	128709
55.0	122974
65.0	103036
75.0	64368
85.0	6506

**Total Light Output = 13,256 lm**

Spacing Criterion: 0-180 1.3  
Spacing Criterion: 90-270 1.3

**INTENSITY SUMMARY (cd)**

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	4612		90	0	
5	4608	439	95	0	0
10	4566		100	0	0
15	4497	1270	105	0	0
20	4391		110	0	0
25	4256	1962	115	0	0
30	4081		120	0	0
35	3881	2428	125	0	0
40	3638		130	0	0
45	3335	2570	135	0	0
50	2991		140	0	0
55	2585	2291	145	0	0
60	2079		150	0	0
65	1596	1576	155	0	0
70	1106		160	0	0
75	610	662	165	0	0
80	221		170	0	0
85	21	58	175	0	0
90	0		180	0	0

**ZONAL FLUX AND PERCENTAGES**

Zone	Flux (lm)	%Lamp	%Luminaire
0-30	3671	N / A	27.7
0-40	6099	N / A	46.0
0-60	10960	N / A	82.7
0-90	13256	N / A	100.0
40-90	7157	N / A	54.0
60-90	2296	N / A	17.3
90-180	0	N / A	0.0
0-180	13256	N / A	100.0

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
6.0	128.1	7.89	7.89
8.0	72.1	10.52	10.52
10.0	46.1	13.15	13.15
12.0	32.0	15.77	15.77
14.0	23.5	18.40	18.40
30.0	5.1	39.44	39.44



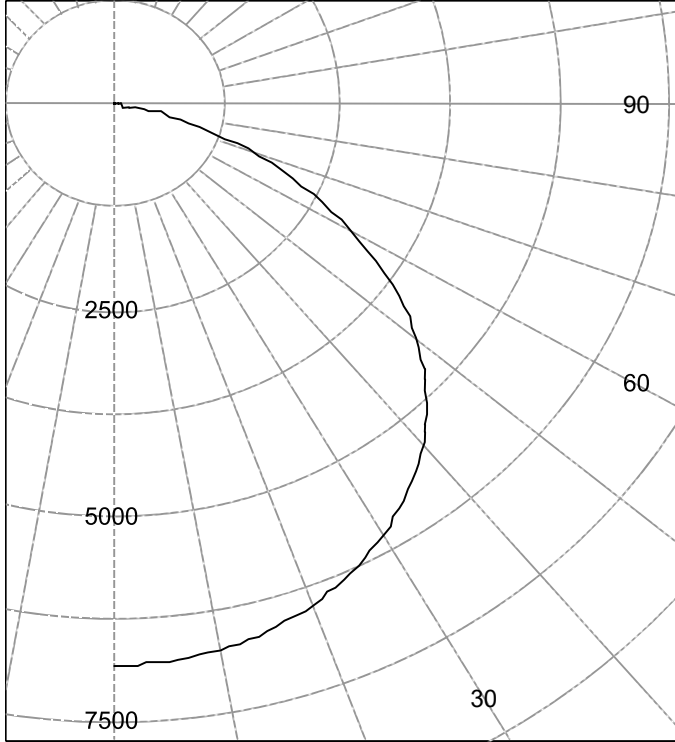
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Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

**LED UFO High Bay Fixture**  
SPEC SHEET

**BWH-UFO-150W**

Legend: All planes - Black (cd)



(Rotational symmetry)

**AVERAGE LUMINANCE (cd / m<sup>2</sup>)**

Gamma	C0
45.0	190147
55.0	181138
65.0	150077
75.0	91181
85.0	9378

Total Light Output = 19,485 lm

Spacing Criterion: 0-180 1.3  
Spacing Criterion: 90-270 1.3

**INTENSITY SUMMARY (cd)**

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	6805		90	0	
5	6800	647	95	0	0
10	6736		100	0	0
15	6630	1873	105	0	0
20	6475		110	0	0
25	6276	2894	115	0	0
30	6021		120	0	0
35	5729	3584	125	0	0
40	5374		130	0	0
45	4927	3797	135	0	0
50	4416		140	0	0
55	3807	3373	145	0	0
60	3042		150	0	0
65	2324	2295	155	0	0
70	1598		160	0	0
75	865	942	165	0	0
80	305		170	0	0
85	30	80	175	0	0
90	0		180	0	0

**ZONAL FLUX AND PERCENTAGES**

Zone	Flux (lm)	%Lamp	%Luminaire
0-30	5414	N / A	27.8
0-40	8998	N / A	46.2
0-60	16168	N / A	83.0
0-90	19485	N / A	100.0
40-90	10486	N / A	53.8
60-90	3316	N / A	17.0
90-180	0	N / A	0.0
0-180	19485	N / A	100.0

**Circle of Light Plot**

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
6.0	189.0	7.89	7.89
8.0	106.3	10.52	10.52
10.0	68.1	13.15	13.15
12.0	47.3	15.78	15.78
14.0	34.7	18.41	18.41
30.0	7.6	39.44	39.44



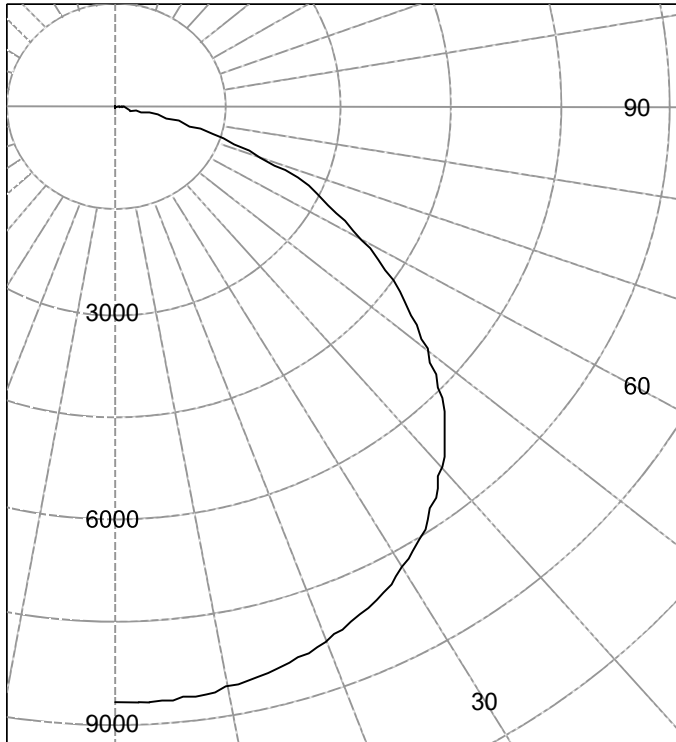
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**LED UFO High Bay Fixture**  
SPEC SHEET

**BWH-UFO-200W**

Legend: All planes - Black (cd)



(Rotational symmetry)

**AVERAGE LUMINANCE (cd / m<sup>2</sup>)**

Gamma	C0
45.0	144826
55.0	133225
65.0	116016
75.0	74688
85.0	11439

Total Light Output = 24,842 lm

Spacing Criterion: 0-180 1.3  
Spacing Criterion: 90-270 1.3

**INTENSITY SUMMARY (cd)**

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	8684		90	0	
5	8671	825	95	0	0
10	8598		100	0	0
15	8466	2393	105	0	0
20	8281		110	0	0
25	8044	3710	115	0	0
30	7741		120	0	0
35	7336	4587	125	0	0
40	6836		130	0	0
45	6261	4801	135	0	0
50	5475		140	0	0
55	4672	4173	145	0	0
60	3855		150	0	0
65	2998	2955	155	0	0
70	2071		160	0	0
75	1182	1268	165	0	0
80	453		170	0	0
85	61	130	175	0	0
90	0		180	0	0

**ZONAL FLUX AND PERCENTAGES**

Zone	Flux (lm)	%Lamp	%Luminaire
0-30	6928	N / A	27.9
0-40	11515	N / A	46.4
0-60	20489	N / A	82.5
0-90	24842	N / A	100.0
40-90	13327	N / A	53.6
60-90	4353	N / A	17.5
90-180	0	N / A	0.0
0-180	24842	N / A	100.0

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
6.0	241.2	7.93	7.93
8.0	135.7	10.57	10.57
10.0	86.8	13.21	13.21
12.0	60.3	15.85	15.85
14.0	44.3	18.50	18.50
30.0	9.6	39.63	39.63



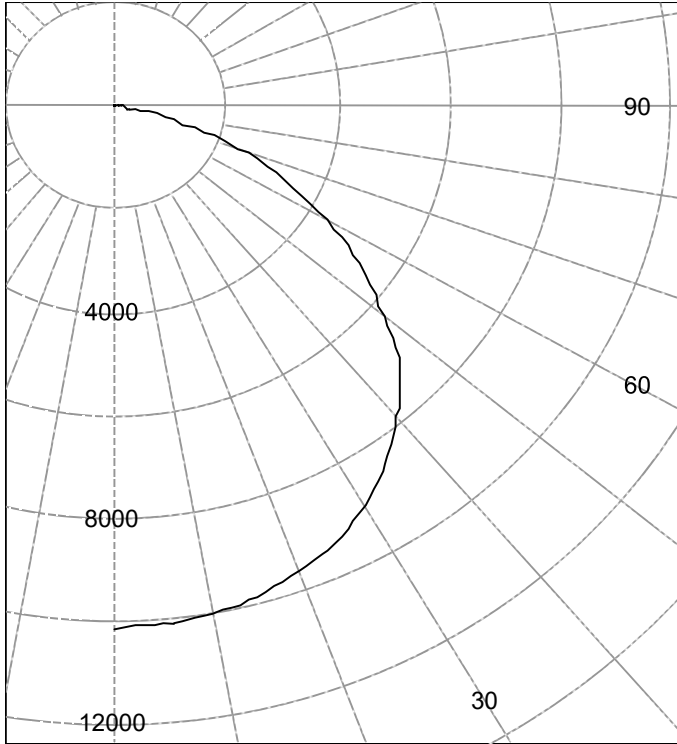
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Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

**LED UFO High Bay Fixture**  
SPEC SHEET

**BWH-UFO-200W-HL**

Legend: All planes - Black (cd)



(Rotational symmetry)

**AVERAGE LUMINANCE (cd / m<sup>2</sup>)**

Gamma	C0
45.0	166876
55.0	152787
65.0	130805
75.0	80697
85.0	13207

Total Light Output = 28,519 lm

Spacing Criterion: 0-180 1.3  
Spacing Criterion: 90-270 1.3

**INTENSITY SUMMARY (cd)**

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	10126		90	0	
5	10099	961	95	0	0
10	10009		100	0	0
15	9845	2782	105	0	0
20	9624		110	0	0
25	9342	4308	115	0	0
30	8968		120	0	0
35	8459	5293	125	0	0
40	7876		130	0	0
45	7214	5534	135	0	0
50	6312		140	0	0
55	5358	4787	145	0	0
60	4396		150	0	0
65	3380	3332	155	0	0
70	2301		160	0	0
75	1277	1379	165	0	0
80	480		170	0	0
85	70	141	175	0	0
90	0		180	0	0

**ZONAL FLUX AND PERCENTAGES**

Zone	Flux (lm)	%Lamp	%Luminaire
0-30	8051	N / A	28.2
0-40	13344	N / A	46.8
0-60	23666	N / A	83.0
0-90	28519	N / A	100.0
40-90	15175	N / A	53.2
60-90	4853	N / A	17.0
90-180	0	N / A	0.0
0-180	28519	N / A	100.0

**Circle of Light Plot**

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
6.0	281.3	7.86	7.86
8.0	158.2	10.48	10.48
10.0	101.3	13.11	13.11
12.0	70.3	15.73	15.73
14.0	51.7	18.35	18.35
30.0	11.3	39.32	39.32