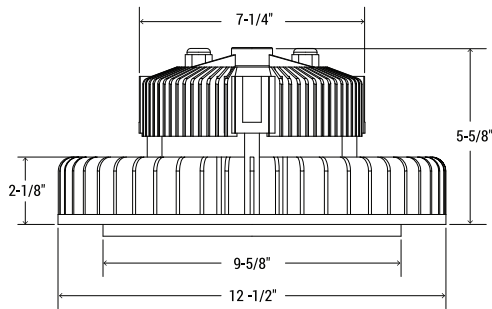


**DIMENSION:**



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
39000	39850	302 W
26000	29797	199 W
19000	21944	149 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

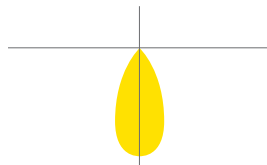
**FEATURES**

The Oracle LED UFO High Bay is a round high bay designed to withstand high temperatures, wet environments, airborne contaminants, and electrical shock. Supplied with both 6-ft. power cord and DIM10 cord. High lumen output and circular form factor leave no dark corners. Built-in hanging hook included for easy installation or optional 3/4" pendant installation. Applications include warehouses, commercial facilities, retail, roadways, campuses, garages with high ceilings, and gymnasiums.

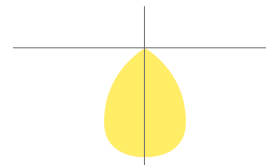
LUMENS	19000, 26000, 39000
CCT	30K, 35K, 40K, 50K
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Suspended
DISTRIBUTION	Medium (MD), Wide (WD)
FINISH	WH-White, BK-Black
DIMMING	0-10V Flicker Free 10% Dimming Standard (DIM10)
EMERGENCY	EMG-LED-ORHB1-40-BK EMG-LED-ORHB1-40-WH EMG-LED-ORHB1-RC REMOTE CONTROL FOR ORHB1-EMERGENCY, CAN REMOTE TEST FOR EMERGENCY FUNCTION
WORKING TEMPERATURE	-30C to 50C
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

\*12000L only available in white finish

MD: MEDIUM  
Candlepower Distribution Curve



WD: WIDE  
Candlepower Distribution Curve



**PERFORMANCE**

Efficacy up to 146lm/W, designed to replace 400W metal halide (MH) bulbs while consuming 200W. Increase energy savings with optional bi-level motion sensor.

**OPTICS**

A .16" thick clear tempered glass lens protects LEDs. Reflector and lens options provide maximum versatility and uniformity. Conical, flat, aluminum, prismatic or acrylic clear/frosted drop lenses offer enhanced aesthetics, minimize glare at lower mounting heights when paired with acrylic reflectors.

**CONSTRUCTION**

One-piece, sealed die-cast aluminum housing requires no additional parts. Heat sink included in casting, preventing high bay from heating up during use. Wet location rating serves both indoor and outdoor applications.

**INSTALLATION**

Included: Hook mount, safety cable, 6-ft. power cord, and 0-10V dimming cord. Conduit pendant also possible with optional accessory: pendant/stem mount bracket with 3/4" hub and j-box.

Surge Protection Level: Built-in 5 kV surge protection; class 2 product (shock-resistant).

**ELECTRICAL**

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V., produce less than 20% THD, and have a power factor of .90 to 1.00.

**DIMMING & DRIVER INFORMATION**

**DIM10** - Flicker Free 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

**RATINGS**

UL wet location rated  
IP65-rated; completely sealed to protect against water and dirt  
DLC-listed

**WARRANTY**

Five-year warranty for parts and components. (Labor not included)

Example: **ORHB1-LED-26000L-MVOLT-40K-WD-BK-ORHB1-ALR-ORHB1-CB**

SERIES	TYPE	LUMENS	VOLTAGE	CCT	OPTICS	FINISH	EMERGENCY	REFLECTOR OPTIONS	LENS OPTIONS
ORHB1-Oracle LED Round High Bay Series	LED	19000L - (19000 lumens) 26000L - (26000 lumens) 39000L - (39000 lumens)	MVOLT 277-480V	30K 35K 40K 50K	WD - WIDE MD - MEDIUM	BK - Black WH - White	EMG-LED-ORHB1-40-BK EMG-LED-ORHB1-40-WH EMG-LED-ORHB1-RC*	ORHB1-ALR - Alum. Reflector ORHB1-ARM - Acrylic Milky ORHB1-ARC - Acrylic Clear	ORHB1-CB - Conical Bottom ORHB1-PD - Prismatic Drop

For 90° lens Medium Distribution (MD) - is available with any reflectors  
Lens accessories only for Acrylic reflectors

**OPTION/ACCESSORY**

FSP311-B-D - 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.  
ORHB1-WG - Wire Guard (8" Diameter)  
ORHB1-BRK - Pendant/Stem mount bracket with 3/4" hub and j-box  
ORHB1-IP67-JBOX - IP rated J-Box

\*REMOTE CONTROL FOR ORHB1-EMERGENCY, CAN REMOTE TEST FOR EMERGENCY FUNCTION

NOTE: Jbox is to be included when using a Sensor

**REFLECTORS:**



**ORHB1-ALR**  
Aluminum Reflector



**ORHB1-ARM**  
Acrylic Milky Reflector



**ORHB1-ARC**  
Acrylic Clear Reflector

\*If will add a reflector and wire guard, hardware 8C37 MPR11 is required

**LENS ACCESSORIES:**



**ORHB1-CB**  
Conical Bottom lens (Clear)



**ORHB1-PD**  
Prismatic Drop lens (Clear)

\*ORHB1-CB and ORHB1-PD are not compatible with ORHB1-ALR

**MOUNTING:**



**Hook Mount (included)**  
Hook mount is easy to install and offer one ant-off screw



**6' power cord and 0-10V dimming cord comes installed standard**



**Safety cable (included)**

**ACCESSORY:**



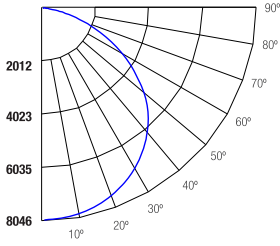
**ORHB1-BRK**  
Pendant/Stem mount bracket with 3/4" hub and j-box

**ORHB1-LED-19000L-MVOLT-50K-WD-BK**

TEST NO.: **EL05082054**

INPUT WATTS: **149.4** LUMENS: **21944** CRI: **85** EFFICACY: **147** CCT: **5000K** SPACING CRITERIA: **1.40**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	2945	13.4	13.4
0-30	6292.09	28.7	28.7
0-40	10379.01	47.3	47.3
0-60	18324.72	83.5	83.5
0-80	21834.78	99.5	99.5
0-90	21935.78	100	100

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	75279	74667	73882
55	69284	67703	66370
65	57822	54789	52965
75	35602	31192	28526
85	5372	3096	1955

**Lumens Per Zone**

Zone	Lumens
0-10	759.43
10-20	2185.57
20-30	3347.09
30-40	4086.92
40-50	4267.41
50-60	3678.3
60-70	2495.61
70-80	1014.46
80-90	100.99

**Candela Tabulation**

0	100
0	8046.3
5	7993.8
15	7758.8
25	7292.1
35	6574.7
45	5598.2
55	4179.4
65	2570
75	969.08
85	49.241
90	0.155

**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%		
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100	100		
1	110	105	101	98	98	107	103	100	96	99	96	93	95	93	90	91	89	88	88	88	86	86		
2	100	92	86	81	81	98	91	85	80	87	82	78	84	80	76	81	77	74	74	72	72	72		
3	92	81	74	67	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61	61	61	61		
4	84	72	64	57	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52	52	52	52		
5	77	65	56	49	49	75	64	55	49	61	54	49	59	53	48	58	52	48	45	45	45	45		
6	71	58	49	43	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40	40	40	40		
7	66	53	44	38	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35	35	35	35		
8	61	48	40	34	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31	31	31	31		
9	57	44	36	31	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28	28	28	28		
10	54	41	33	28	28	53	40	33	28	39	32	27	38	32	27	37	31	27	25	25	25	25		

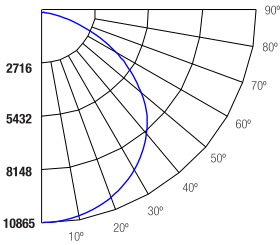
RC - Ceiling Cavity Reflectance

**ORHB1-LED-26000L-MVOLT-50K-WD-BK**

TEST NO.: **EL05082054**

INPUT WATTS: **199** LUMENS: **29797** CRI: **85** EFFICACY: **150** CCT: **5000K** SPACING CRITERIA: **1.42**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	3986.55	13.4	13.4
0-30	8518.62	28.6	28.6
0-40	14054.15	47.2	47.2
0-60	24849.87	83.4	83.4
0-80	29646.58	99.5	99.5
0-90	29786.67	100	100

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	99058	98387	99596
55	89322	88644	90831
65	71285	70557	74323
75	39113	38598	43135
85	2673	2693	6346

**Lumens Per Zone**

Zone	Lumens
0-10	1027.66
10-20	2958.89
20-30	4532.06
30-40	5535.53
40-50	5784.92
50-60	5010.8
60-70	3408.24
70-80	1388.48
80-90	140.09

**Candela Tabulation**

0	100
0	10842.58
5	10788.73
15	10428.08
25	9746.56
35	8732.25
45	7366.54
55	5388.12
65	3168.38
75	1064.65
85	24.5
90	0.21

**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%		
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100	100		
1	110	105	101	98	98	107	103	100	96	99	96	93	95	93	90	91	89	88	88	88	86	86		
2	100	92	86	81	81	98	91	85	80	87	82	78	84	80	76	81	77	74	74	72	72	72		
3	92	81	74	67	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61	61	61	61		
4	84	72	64	57	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52	52	52	52		
5	77	65	56	49	49	75	63	55	49	61	54	48	59	53	48	58	52	47	45	45	45	45		
6	71	58	49	43	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40	40	40	40		
7	66	53	44	38	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35	35	35	35		
8	61	48	40	34	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31	31	31	31		
9	57	44	36	31	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28	28	28	28		
10	54	41	33	28	28	53	40	33	28	39	32	27	38	32	27	37	31	27	25	25	25	25		

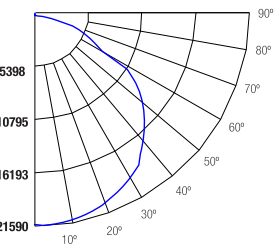
RC - Ceiling Cavity Reflectance

**ORHB1-LED-39000L-MVOLT-40K-WD-BK**

TEST NO.: **EL092619170**

INPUT WATTS: **302** LUMENS: **39850** CRI: **85** EFFICACY: **132** CCT: **4000K** SPACING CRITERIA: **1.22**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	7691.91	19.3	19.3
0-30	15832.31	39.7	39.7
0-40	24803.79	62.2	62.2
0-60	37661.36	94.5	94.5
0-80	39816.32	99.9	99.9
0-90	39816.81	99.9	99.9

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	513809	525000	558284
55	337256	355058	394333
65	135810	154352	188871
75	5274	11759	18138
85	201	183	161

**Lumens Per Zone**

Zone	Lumens
0-10	2027.89
10-20	5664.02
20-30	8140.4
30-40	8971.48
40-50	7777.8
50-60	5079.77
60-70	1966.05
70-80	188.9
80-90	0.5

**Candela Tabulation**

0	100
0	21525.13
5	21329.26
15	19908.71
25	17362.81
35	13938.86
45	9552.48
55	5086.04
65	1509.07
75	35.89
85	0.46
90	0.68

**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%		
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100	100		
1	112	108	105	102	102	109	106	103	100	102	99	97	98	96	94	94	93	91	91	91	91	91		
2	104	97	92	87	87	101	95	91	86	92	88	84	89	86	83	86	83	81	81	81	81	81		
3	96	88	81	76	76	94	86	80	75	83	78	74	81	76	73	78	75	71	71	71	71	71		
4	89	79	72	66	66	87	78	71	66	76	70	65	73	68	64	71	67	63	61	61	61	61		
5	83	72	64	59	59	81	71	64	58	69	62	58	67	61	57	65	60	57	55	55	55	55		
6	77	65	58	52	52	75	65	57	52	63	56	52	61	56	51	60	55	51	49	49	49	49		
7	72	60	52	47	47	70	59	52	47	58	51	46	56	50	46	55	50	46	44	44	44	44		
8	67	55	48	42	42	66	55	47	42	53	47	42	52	46	42	51	46	42	40	40	40	40		
9	63	51	44	39	39	62	50	43	38	49	43	38	48	42	38	47	42	38	36	36	36			