

Photometric Report

CATALOG NUMBER: EHB-ED-200W

Monday, October 12, 2009

FILENAME: EHB-ED-200W.IES

EHB-ED-200W
IESNA:LM-63-2001
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 200W IP65 HIGH BAY
[LUMCAT] EHB-ED-200W
[LAMP] 1; 200W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: EXTRUDED ALUMINUM
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: TEMPERED GLASS

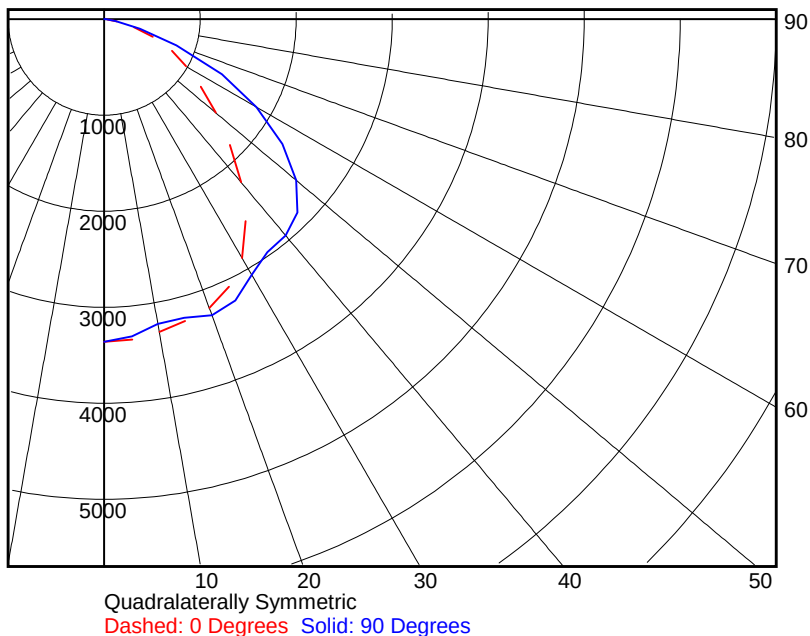
SUMMARY DATA

EFFICIENCY (Total): 60.6 %
EFFICIENCY (Downlight): 60.6 %
EFFICIENCY (Uplight): 0.0 %
CIE CLASSIFICATION: DIRECT
SPACING CRITERION (0-Deg.): 1.25
SPACING CRITERION (90-Deg.): 1.36
LUMENS/LAMP: 16800
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.71 (Meters)
Length: 0.37
Height: 0.13
INPUT WATTS: 215

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	2741.5	16.3	26.9
0 - 40	4620.6	27.5	45.3
0 - 60	8415.7	50.1	82.6
60 - 90	1773.0	10.6	17.4
0 - 90	10188.7	60.6	100.0
90 - 180	0.0	0.0	0.0
0 - 180	10188.7	60.6	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	45	90
0	12790	12790	12790
45	7382	11276	12957
55	5427	9769	11914
65	3996	7414	8758
75	2042	3004	3376
85	293	276	285

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
Pw ...	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.72	.72	.72	.72	.71	.71	.71	.71	.67	.67	.67	.65	.65	.65	.62	.62	.62	.61
1	.66	.64	.61	.59	.65	.62	.60	.58	.60	.58	.56	.57	.56	.55	.55	.54	.53	.52
2	.61	.56	.52	.48	.59	.55	.51	.48	.52	.49	.47	.50	.48	.46	.49	.47	.45	.43
3	.55	.49	.44	.40	.54	.48	.44	.40	.46	.42	.39	.45	.41	.39	.43	.40	.38	.37
4	.50	.43	.38	.34	.49	.43	.38	.34	.41	.37	.33	.40	.36	.33	.38	.35	.32	.31
5	.46	.39	.33	.29	.45	.38	.33	.29	.37	.32	.29	.35	.32	.28	.34	.31	.28	.27
6	.43	.35	.29	.25	.42	.34	.29	.25	.33	.28	.25	.32	.28	.25	.31	.27	.25	.23
7	.40	.31	.26	.22	.39	.31	.26	.22	.30	.25	.22	.29	.25	.22	.28	.25	.22	.21
8	.37	.29	.23	.20	.36	.28	.23	.20	.27	.23	.20	.27	.23	.20	.26	.22	.19	.18
9	.34	.26	.21	.18	.33	.26	.21	.18	.25	.21	.18	.24	.20	.18	.24	.20	.17	.16
10	.32	.24	.19	.16	.31	.24	.19	.16	.23	.19	.16	.23	.19	.16	.22	.18	.16	.15

Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

Photometric Viewer v3.4

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CANDELA TABLE

Vertical Angle	Horizontal Angles		
	0	45	90
0	3360	3360	3360
5	3350	3360	3316
10	3308	3291	3221
15	3256	3268	3221
20	3202	3335	3283
25	3074	3373	3232
30	2871	3330	3076
35	2567	3239	2962
40	2216	3100	2942
45	1853	2886	2848
50	1517	2594	2611
55	1228	2266	2265
60	984	1907	1831
65	778	1490	1354
70	539	951	801
75	321	492	386
80	136	171	121
85	34	34	20
90	3	3	2

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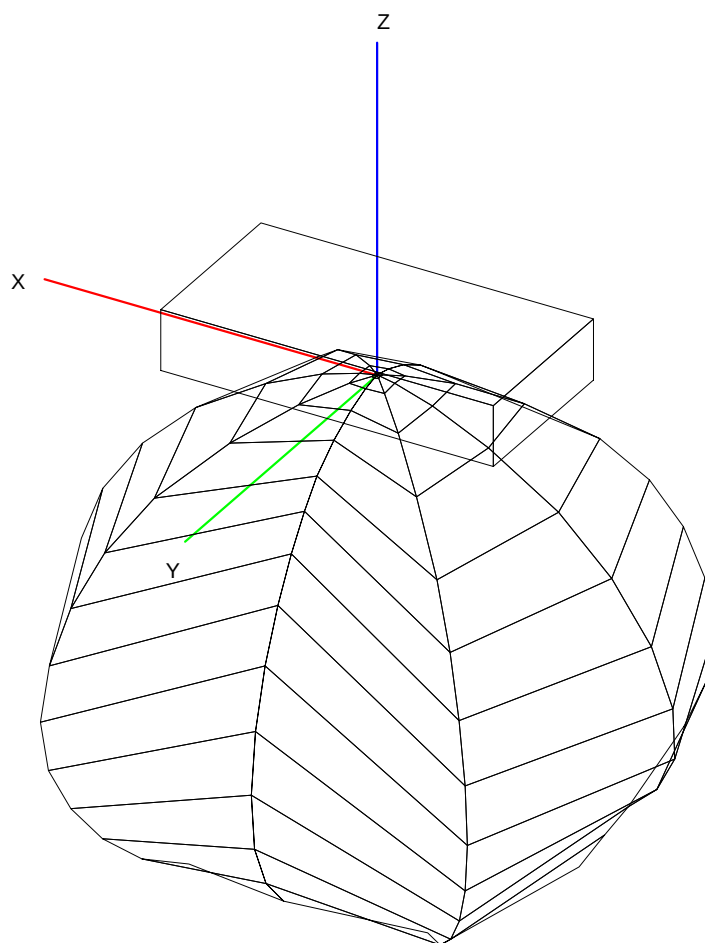
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