

Photometric Report

CATALOG NUMBER: EHB-ED-400W

Monday, October 12, 2009

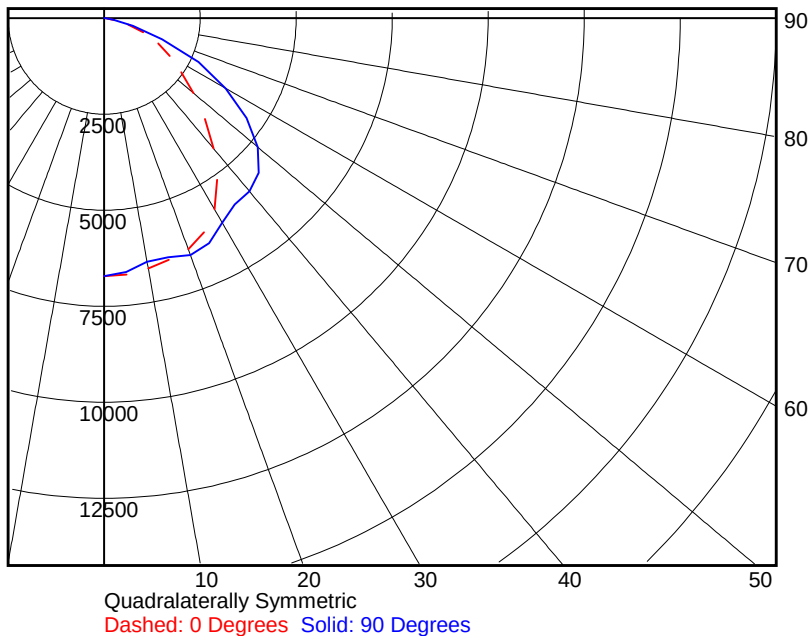
FILENAME: EHB-ED-400W.IES

EHB-ED-400W
IESNA:LM-63-2001
[TEST] SALT
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 400W IP65 HIGH BAY
[LUMCAT] EHB-ED-400W
[LAMP] 1; 400W 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: 33600
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 1.22 (Meters)
Length: 0.37
Height: 0.13
INPUT WATTS: 440

CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	5483.0	16.3	26.9
0 - 40	9241.1	27.5	45.3
0 - 60	16831.4	50.1	82.6
60 - 90	3546.0	10.6	17.4
0 - 90	20377.4	60.6	100.0
90 - 180	0.0	0.0	0.0
0 - 180	20377.4	60.6	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	45	90
0	14887	14887	14887
45	8592	13661	16125
55	6317	11971	15183
65	4651	9220	11555
75	2377	3816	4733
85	341	363	462

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	6720	6720	6720
5	6700	6720	6633
10	6616	6582	6441
15	6512	6535	6441
20	6404	6670	6565
25	6149	6747	6465
30	5742	6660	6152
35	5134	6478	5924
40	4432	6199	5883
45	3706	5772	5695
50	3034	5188	5221
55	2456	4533	4529
60	1969	3814	3662
65	1556	2980	2708
70	1079	1902	1603
75	642	984	773
80	272	343	242
85	67	67	40
90	7	7	3

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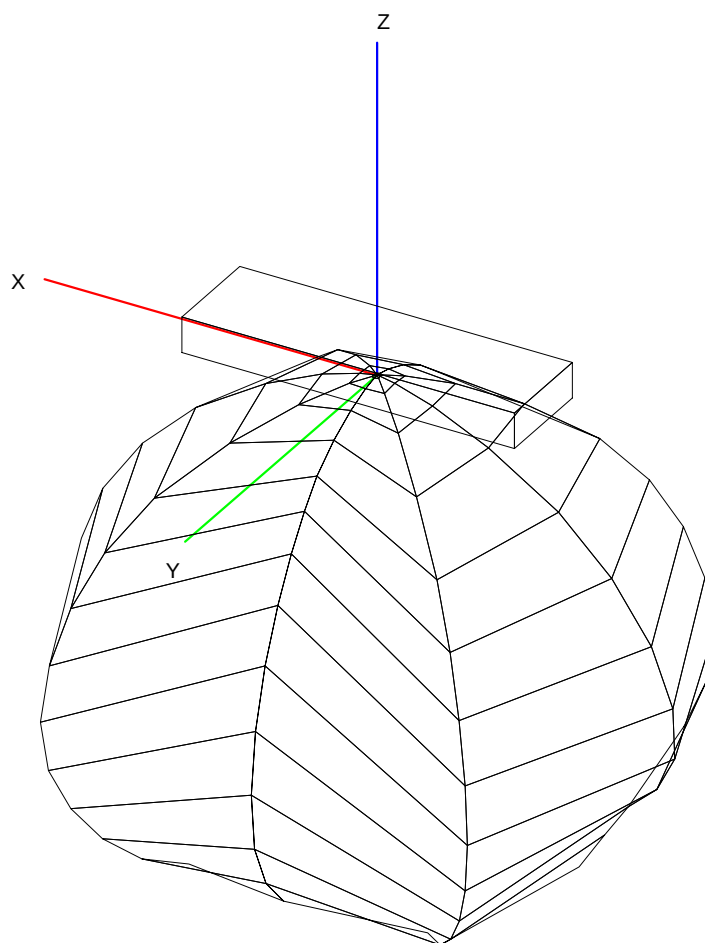
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