

Photometric Report

CATALOG NUMBER: ESB-ED-100W-BL

Monday, October 12, 2009

FILENAME: ESB-ED-100W-BL.IES

ESB-ED-100W-BL
IESNA:LM-63-2001
[TEST]UM-TCAUP_ESELL
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 100W STEP-DIMMING SHOE BOX
[LUMCAT] ESB-ED-100W-BL
[LAMP] 1; 100W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING:CAST ALUMINUM
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: GLASS

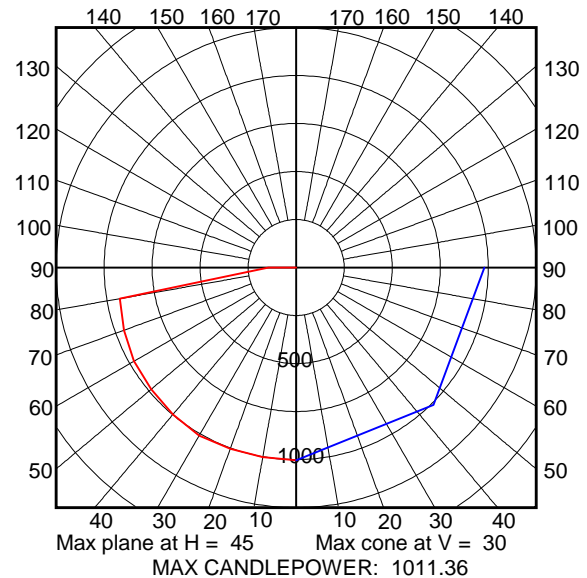
SUMMARY DATA

EFFICIENCY (Total): 61.1 %
EFFICIENCY (Down / Up): 60.1 % / 1.0 %
EFFICIENCY (Street / House): 30.5 % / 30.5 %
ROADWAY CLASSIFICATION: TYPE IV, VERY SHORT
CUTOFF CLASSIFICATION: SEMICUTOFF
LUMENS/LAMP: 8400
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.00 (Feet)
Length: 0.00
Height: 0.00
INPUT WATTS: 105

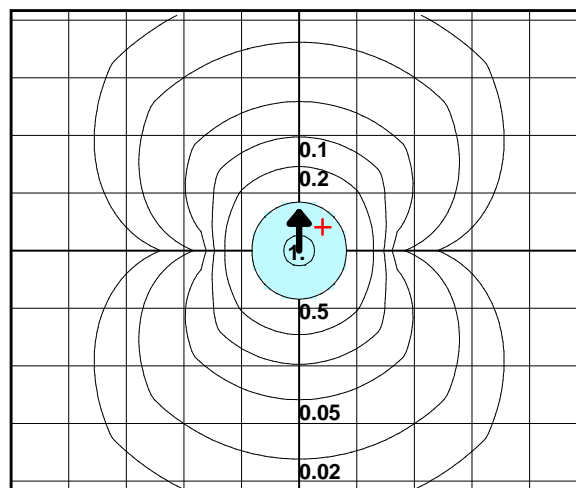
LUMINAIRE CLASSIFICATION SYSTEM (BUG RATING = B2-U3-G2)

FORWARD LIGHT	Lumens (% of Lamp Lumens)	
FL (0-30):	421	(5.0%)
FM (30-60):	1087	(12.9%)
FH (60-80):	775	(9.2%)
FVH(80-90):	242	(2.9%)
BACKLIGHT		
BL (0-30):	421	(5.0%)
BM (30-60):	1087	(12.9%)
BH (60-80):	775	(9.2%)
BVH(80-90):	242	(2.9%)
UPLIGHT		
UL (90-100):	81	(1.0%)
UH (100-180):	0	(0.0%)
TRAPPED LIGHT:	3268	(38.9%)

PLANE & CONE DIAGRAM



ISO-ILLUMINANCE DIAGRAM (fc)



Mounting Height	Multiplier
10	9.000
15	4.000
20	2.250
25	1.440
30	1.000
35	0.735
40	0.563
45	0.444
50	0.360

Shade Limit:
0.5 fc.

Shaded Area:
1990 sq.ft.

+ = Point of max candela

Mounting Height = 30 Feet. Each box represents one mounting height.

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

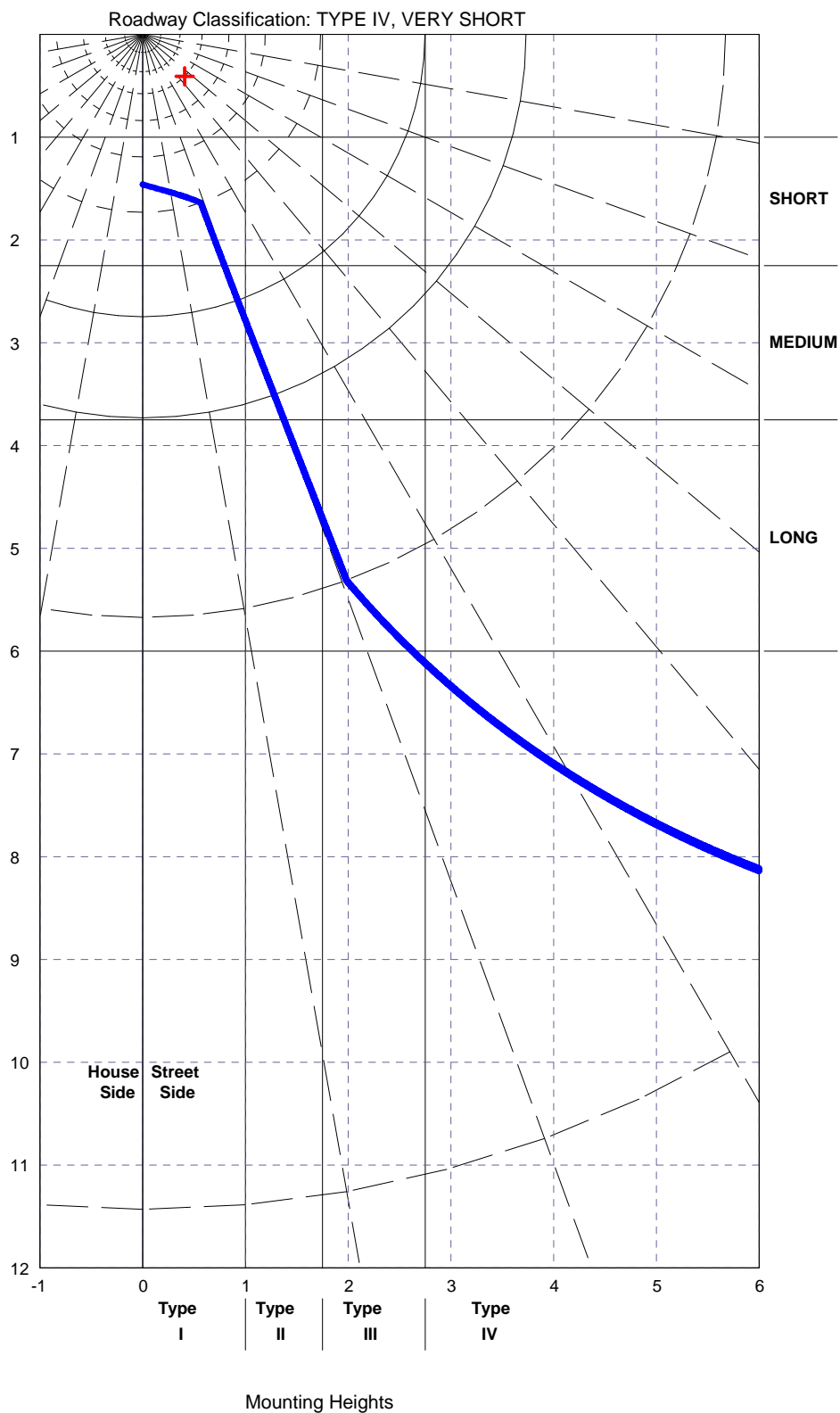
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CANDELA TABLE

Vertical Angle	Horizontal Angles		
	<u>0</u>	<u>45</u>	<u>90</u>
0	1002	1003	1003
10	995	1003	1004
20	996	1004	998
<u>30</u>	1004	<u>1011</u>	980
40	1005	998	970
50	1005	986	942
60	980	975	163
70	959	954	158
80	941	932	150
90	163	145	140
100	0	0	0
110	0	0	0
120	0	0	0
130	0	0	0
140	0	0	0
150	0	0	0
160	0	0	0
170	0	0	0
180	0	0	0

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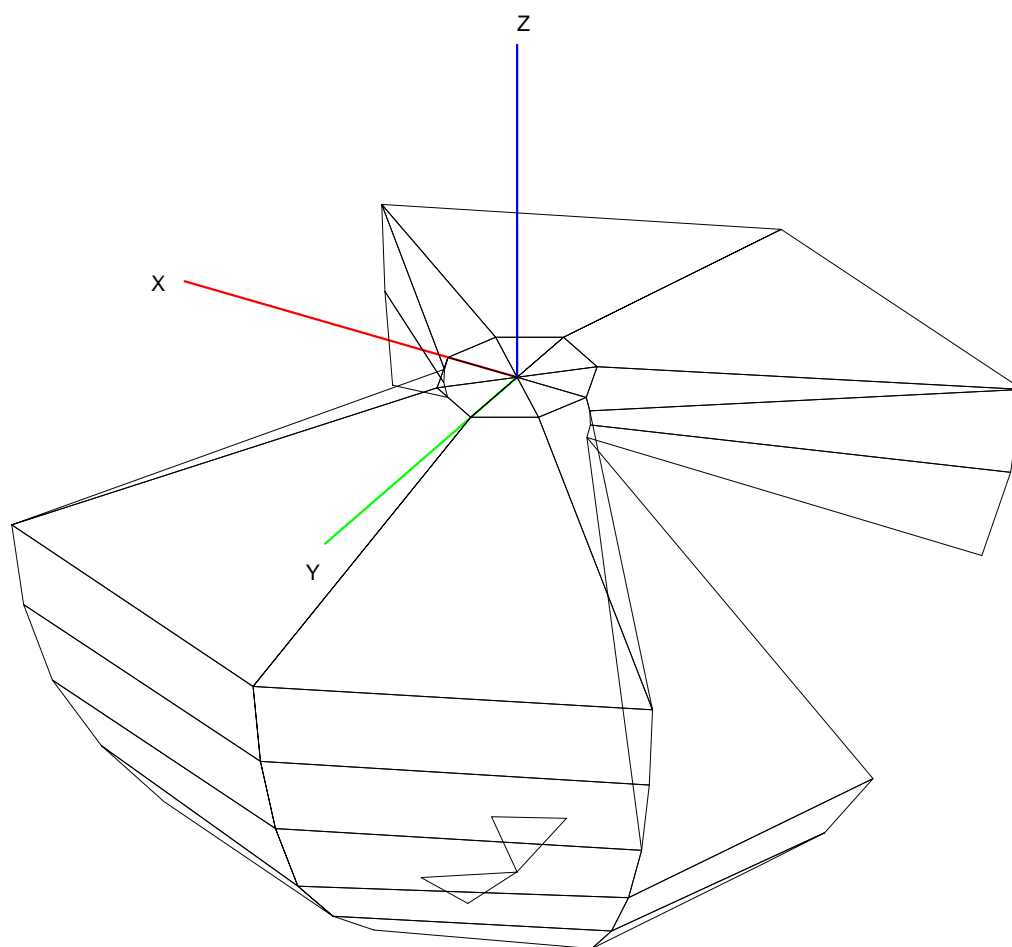
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