

Photometric Report

CATALOG NUMBER: ESB-ED-100W

Wednesday, July 01, 2009

FILENAME: ESB-ED-100W.IES

ESB-ED-100W
IESNA:LM-63-2001
[TEST]UM-TCAUP_ESELL
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 10W SHOE BOX
[LUMCAT] ESB-ED-100W
[LAMP] 1; 100W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING:CAST ALUMINUM
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: GLASS

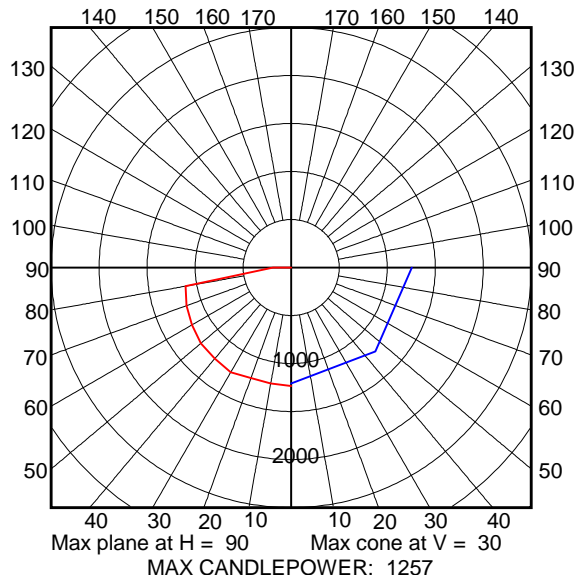
SUMMARY DATA

EFFICIENCY (Total): 65.0 %
EFFICIENCY (Down / Up): 64.1 % / 0.9 %
EFFICIENCY (Street / House): 32.5 % / 32.5 %
ROADWAY CLASSIFICATION: TYPE III, VERY SHORT
CUTOFF CLASSIFICATION: SEMICUTOFF
LUMENS/LAMP: 9863
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.00 (Feet)
Length: 0.00
Height: 0.00
INPUT WATTS: 100

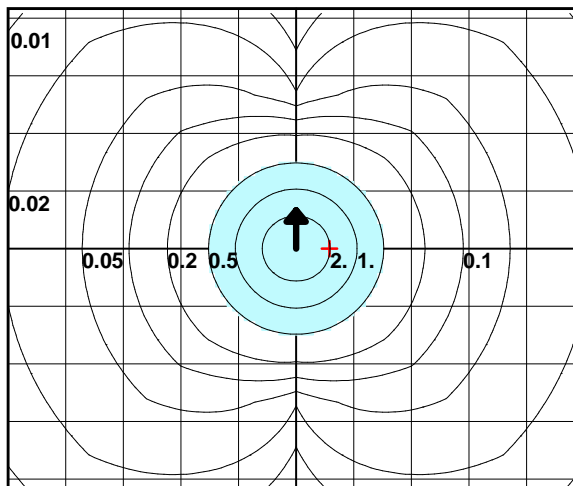
LUMINAIRE CLASSIFICATION SYSTEM (BUG RATING = B2-U3-G2)

FORWARD LIGHT	Lumens (% of Lamp Lumens)	
FL (0-30):	519	(5.3%)
FM (30-60):	1379	(14.0%)
FH (60-80):	978	(9.9%)
FVH(80-90):	284	(2.9%)
BACKLIGHT		
BL (0-30):	519	(5.3%)
BM (30-60):	1379	(14.0%)
BH (60-80):	978	(9.9%)
BVH(80-90):	284	(2.9%)
UPLIGHT		
UL (90-100):	93	(0.9%)
UH (100-180):	0	(0.0%)
TRAPPED LIGHT:	3450	(35.0%)

PLANE & CONE DIAGRAM



ISO-ILLUMINANCE DIAGRAM (fc)



Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

Shade Limit:
0.5 fc.

Shaded Area:
2898 sq.ft.

+ = Point of max candela

Mounting Height = 20 Feet. Each box represents one mounting height.

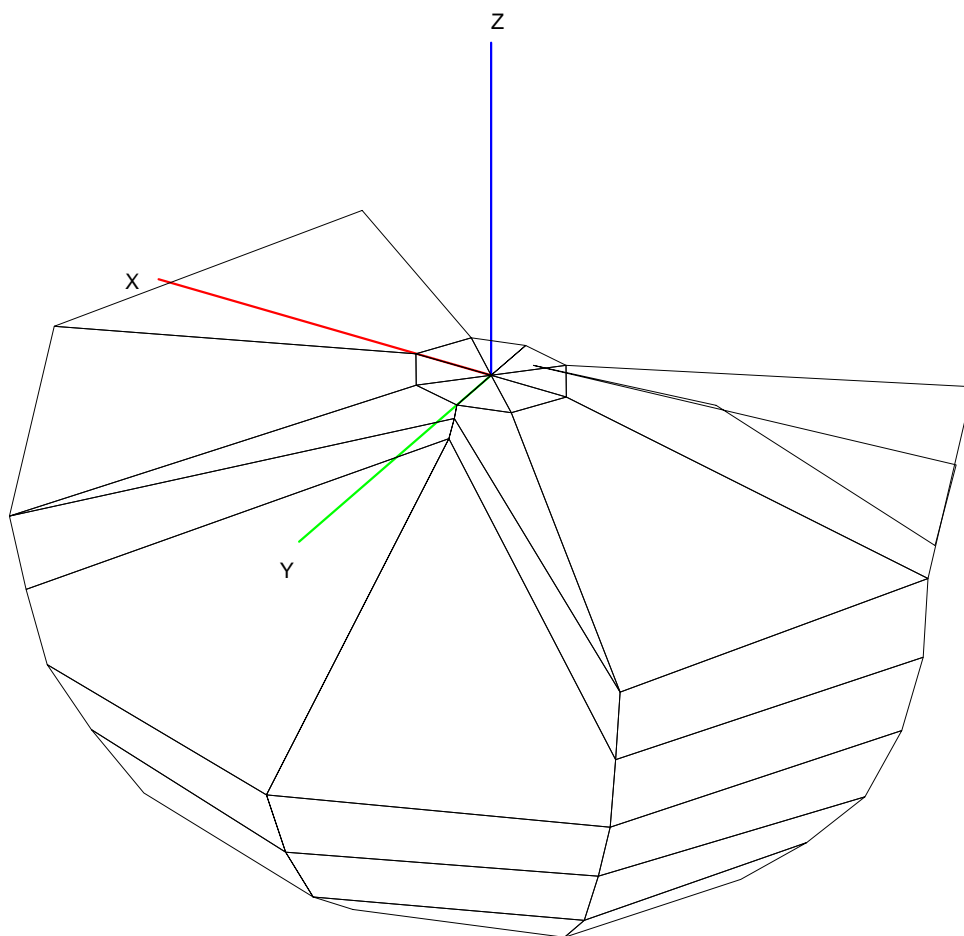
Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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