

Photometric Report

CATALOG NUMBER: ESB-EC-200W

Wednesday, July 01, 2009

FILENAME: ESB-EC-200W.IES

ESB-EC-200W
IESNA:LM-63-2001
[TESTLAB]SALT
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 200W SHOE BOX
[LUMCAT] ESB-EC-200W
[LAMP] 1; 200W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: EXTRUDED ALUMINUM
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: NONE

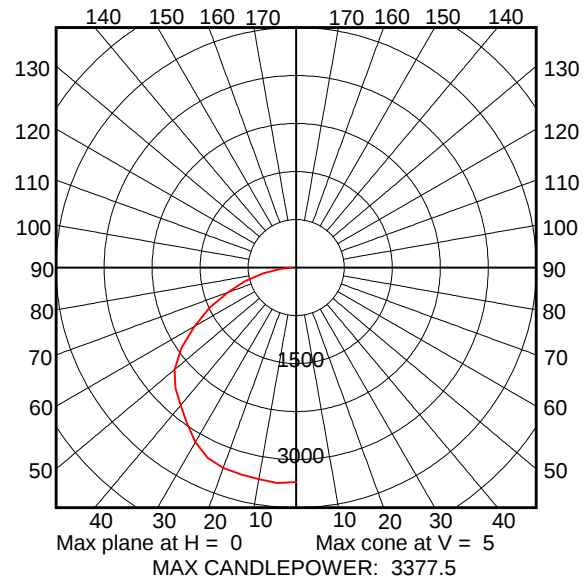
SUMMARY DATA

EFFICIENCY (Total): 64.4 %
EFFICIENCY (Down / Up): 64.4 % / 0.0 %
EFFICIENCY (Street / House): 32.2 % / 32.2 %
ROADWAY CLASSIFICATION: TYPE V,
CUTOFF CLASSIFICATION: CUTOFF
LUMENS/LAMP: 17500
NO. OF LAMPS: 1
LUMINOUS OPENING: VERTICAL CYLINDER
Diameter: 0.45 (Meters)
Height: 0.25
INPUT WATTS: 210

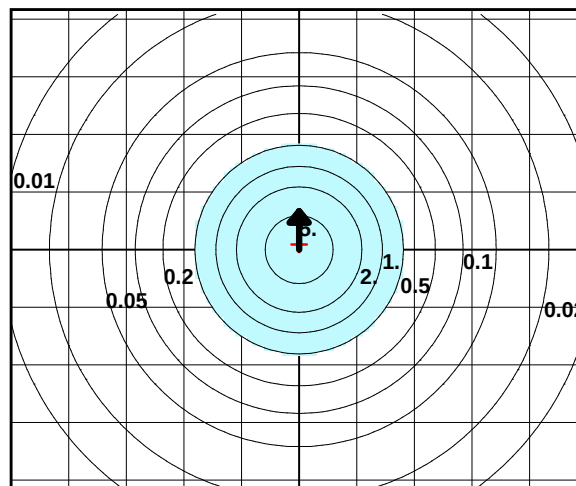
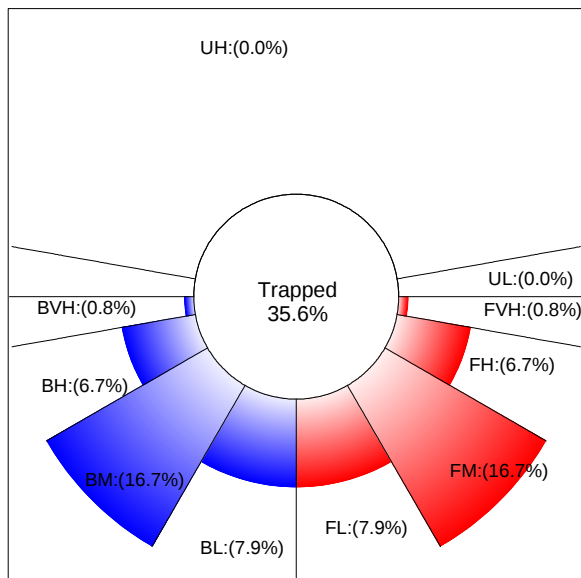
LUMINAIRE CLASSIFICATION SYSTEM (BUG RATING = B3-U2-G3)

FORWARD LIGHT	Lumens (% of Lamp Lumens)	
FL (0-30):	1388	(7.9%)
FM (30-60):	2929	(16.7%)
FH (60-80):	1174	(6.7%)
FVH(80-90):	147	(0.8%)
BACKLIGHT		
BL (0-30):	1388	(7.9%)
BM (30-60):	2929	(16.7%)
BH (60-80):	1174	(6.7%)
BVH(80-90):	147	(0.8%)
UPLIGHT		
UL (90-100):	0	(0.0%)
UH (100-180):	0	(0.0%)
TRAPPED LIGHT:	6225	(35.6%)

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:
4217 sq.ft.

+ = Point of max candela

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

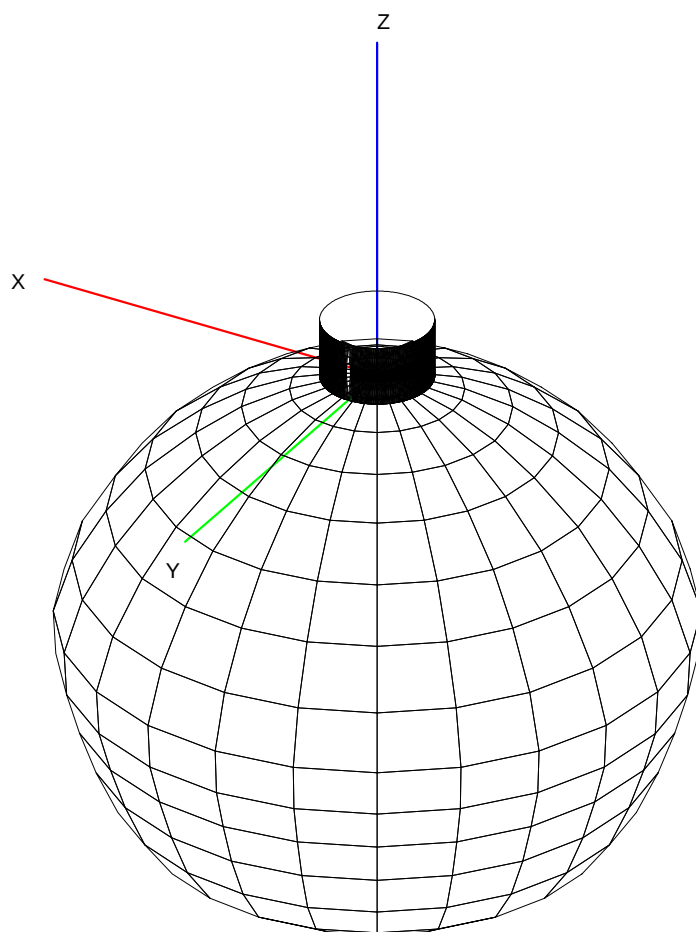
Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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