

Photometric Report

CATALOG NUMBER: ESB-ED-70W

Wednesday, July 01, 2009

FILENAME: ESB-ED-70W.IES

ESB-ED-70W
IESNA:LM-63-2001
[TEST]UM-TCAUP_ESELL
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 70W SHOE BOX
[LUMCAT] ESB-ED-70W
[LAMP] 1; 70W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING:CAST ALUMINUM
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: GLASS

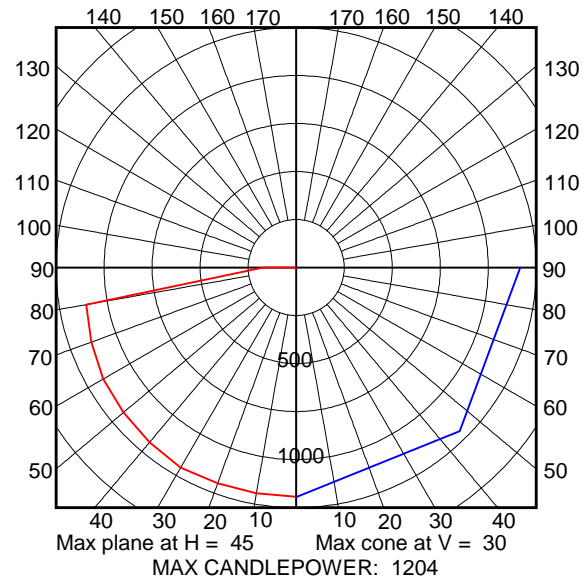
SUMMARY DATA

EFFICIENCY (Total): 77.4 %
EFFICIENCY (Down / Up): 76.2 % / 1.2 %
EFFICIENCY (Street / House): 38.7 % / 38.7 %
ROADWAY CLASSIFICATION: TYPE IV, VERY SHORT
CUTOFF CLASSIFICATION: SEMICUTOFF
LUMENS/LAMP: 7890
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.00 (Feet)
Length: 0.00
Height: 0.00
INPUT WATTS: 100

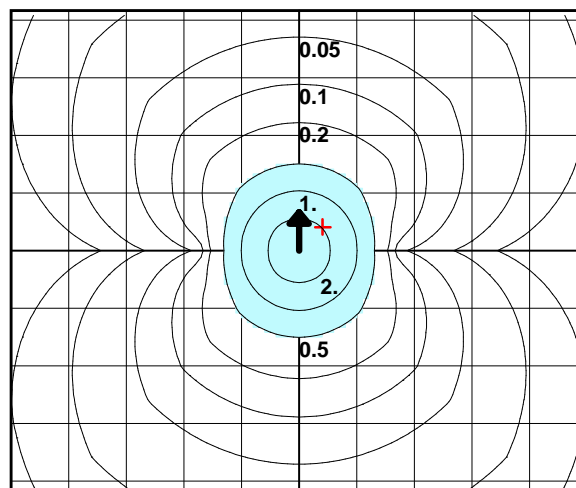
LUMINAIRE CLASSIFICATION SYSTEM (BUG RATING = B2-U3-G2)

FORWARD LIGHT	Lumens (% of Lamp Lumens)	
FL (0-30):	502	(6.4%)
FM (30-60):	1294	(16.4%)
FH (60-80):	923	(11.7%)
FVH(80-90):	288	(3.6%)
BACKLIGHT		
BL (0-30):	502	(6.4%)
BM (30-60):	1294	(16.4%)
BH (60-80):	923	(11.7%)
BVH(80-90):	288	(3.6%)
UPLIGHT		
UL (90-100):	97	(1.2%)
UH (100-180):	0	(0.0%)
TRAPPED LIGHT:	1781	(22.6%)

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:
2680 sq.ft.

+ = Point of max candela

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

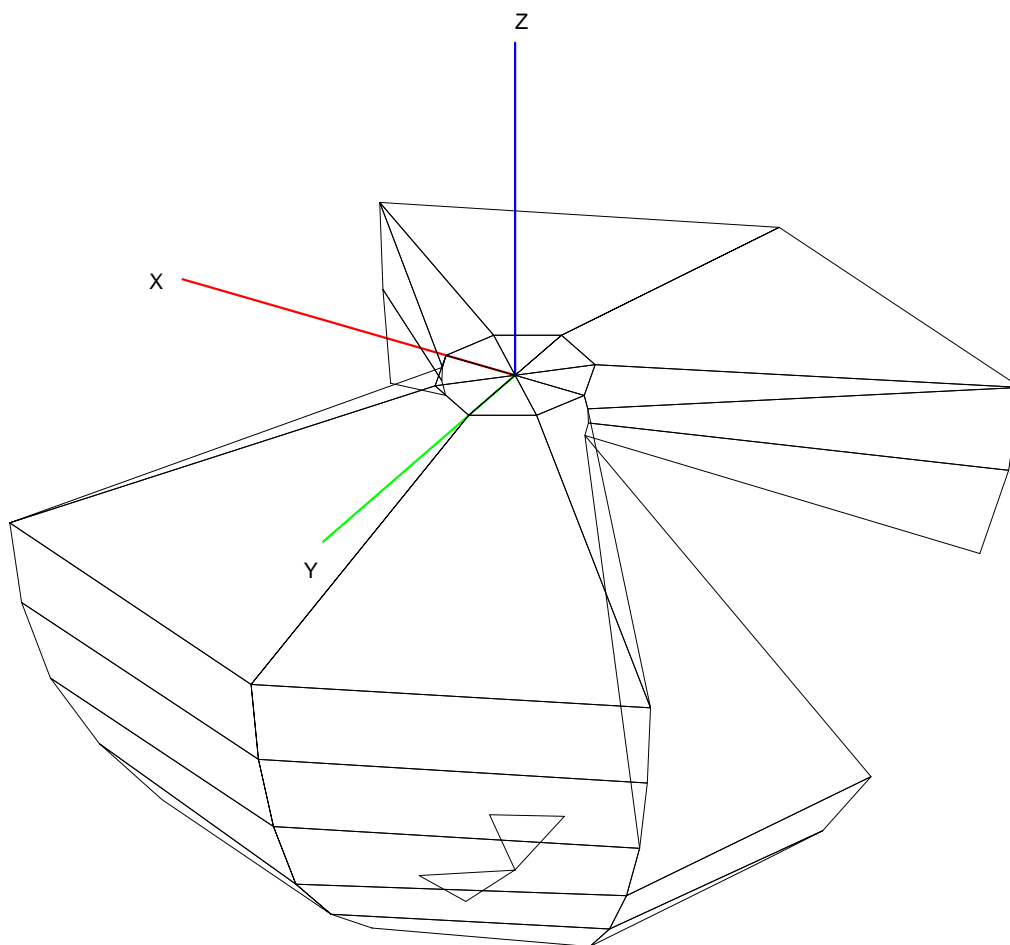
Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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