

Photometric Report

CATALOG NUMBER: EGS-ED-100W

Monday, October 12, 2009

FILENAME: EGS-ED-100W.IES

EGS-ED-100W
IESNA:LM-63-2001
[TESTLAB]SALT
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 100W CANOPY
[LUMCAT] EGS-ED-100W
[LAMP] 1; 100W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: CAST BALLAST HOUSING ACRYLIC LENS
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: ACRYLIC

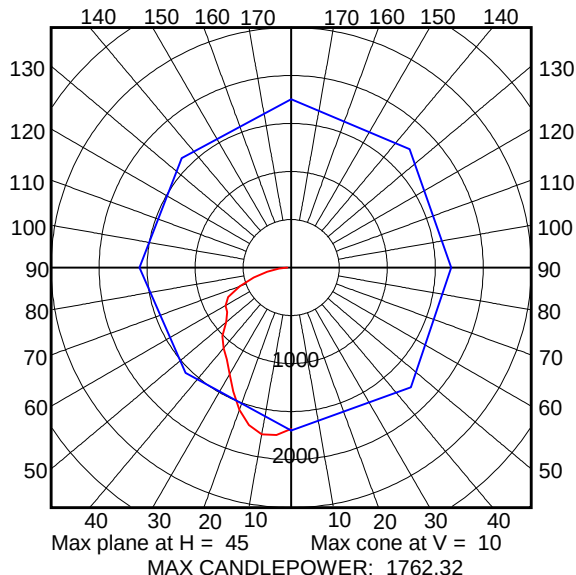
SUMMARY DATA

EFFICIENCY (Total): 60.3 %
EFFICIENCY (Down / Up): 60.3 % / 0.0 %
EFFICIENCY (Street / House): 30.1 % / 30.2 %
ROADWAY CLASSIFICATION: TYPE II, VERY SHORT
CUTOFF CLASSIFICATION: CUTOFF
LUMENS/LAMP: 8400
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.44 (Meters)
Length: 0.29
Height: 0.15
INPUT WATTS: 110

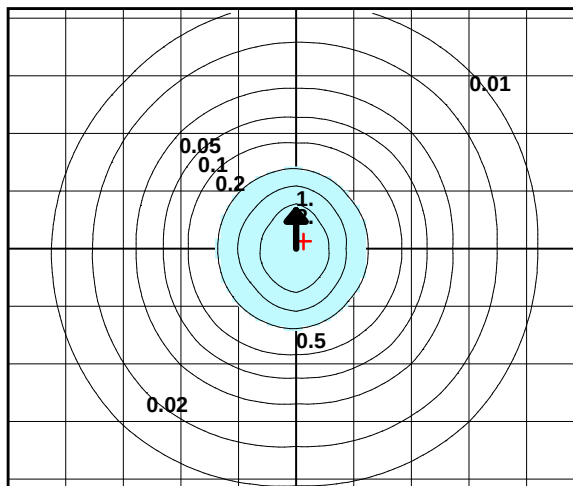
LUMINAIRE CLASSIFICATION SYSTEM (BUG RATING = B2-U1-G2)

FORWARD LIGHT	Lumens (% of Lamp Lumens)	
FL (0-30):	653	(7.8%)
FM (30-60):	1260	(15.0%)
FH (60-80):	545	(6.5%)
FVH(80-90):	69	(0.8%)
BACKLIGHT		
BL (0-30):	670	(8.0%)
BM (30-60):	1261	(15.0%)
BH (60-80):	532	(6.3%)
BVH(80-90):	74	(0.9%)
UPLIGHT		
UL (90-100):	0	(0.0%)
UH (100-180):	0	(0.0%)
TRAPPED LIGHT:	3337	(39.7%)

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:
2306 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.

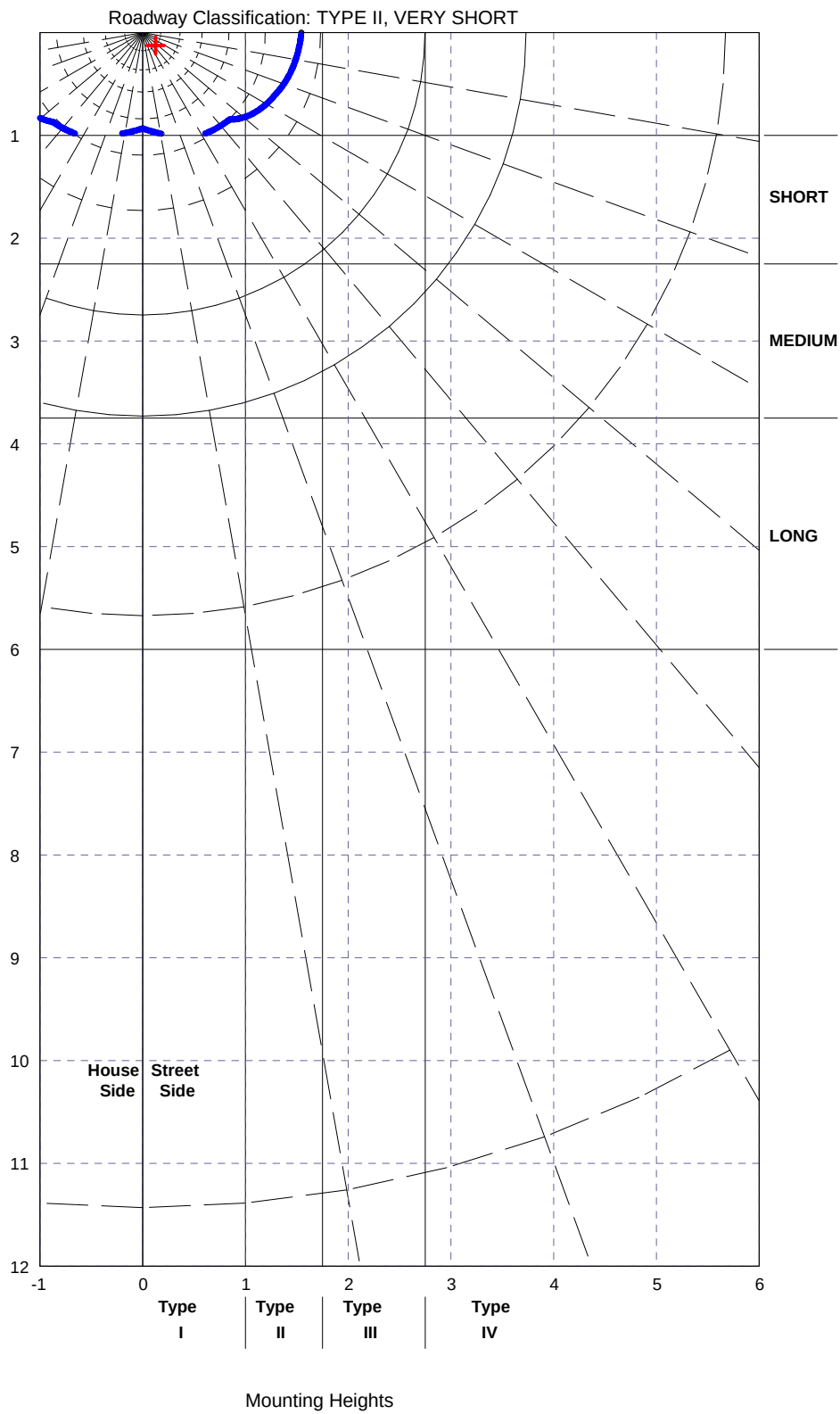
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CANDELA TABLE

Vertical Angle	Horizontal Angles								
	<u>0</u>	<u>45</u>	<u>90</u>	<u>135</u>	<u>180</u>	<u>225</u>	<u>270</u>	<u>315</u>	<u>360</u>
0	1679	1679	1679	1679	1679	1679	1679	1679	1679
5	1705	1751	1693	1713	1696	1616	1583	1615	1705
<u>10</u>	1696	<u>1762</u>	1665	1743	1754	1610	1578	1553	1696
15	1690	1697	1586	1732	1760	1625	1603	1553	1690
20	1698	1575	1471	1697	1732	1564	1500	1560	1698
25	1721	1425	1330	1572	1728	1511	1333	1467	1721
30	1728	1284	1195	1380	1694	1488	1299	1342	1728
35	1702	1168	1061	1206	1632	1349	1325	1254	1702
40	1567	1095	939	1086	1538	1188	1273	1191	1567
45	1380	1011	842	999	1383	1098	1169	1133	1380
50	1199	883	819	897	1184	1057	1046	1067	1199
55	963	812	810	810	973	990	920	993	963
60	764	790	758	767	780	879	814	903	764
65	647	723	652	728	624	739	684	780	647
70	522	565	477	556	461	569	518	577	522
75	396	404	357	374	334	405	373	361	396
80	247	254	241	254	220	240	256	195	247
85	116	128	128	155	113	114	141	87	116
90	39	42	46	60	36	37	50	26	39

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This feature does not operate with this type of luminaire.

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