



IES ROAD REPORT

PHOTOMETRIC FILENAME : EXN-EGLED-03L-T5N-30-70CRI.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-10477_scaled

[TESTLAB] LSI INDUSTRIES, INC.

[ISSUE DATE] 01/23/2020

[TEST DATE] 08/04/18

[MANUFAC] LSI INDUSTRIES, INC.

[LUMCAT] EXN-EGLED-03L-T5N-30-70CRI

[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.

[OTHER] SCALED FROM ORIGINAL TEST DATA

[OTHER] TEST PROCEDURE: IESNA LM-79-08

[SEARCH_SOURCETYPE] LED

[SEARCH_APPLICATION] Outdoor

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3030
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	22
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	717
Maximum Candela Angle	15H 47.5V
Maximum Candela (<90 Degrees Vertical)	717
Maximum Candela Angle (<90 Degrees Vertical)	15H 47.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	221 (7.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : EXN-EGLED-03L-T5N-30-70CRI.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	217.9	N.A.	7.2
FM - Front-Medium (30-60)	788.5	N.A.	26.0
FH - Front-High (60-80)	458.8	N.A.	15.1
FVH - Front-Very High (80-90)	49.8	N.A.	1.6
BL - Back-Low (0-30)	217.9	N.A.	7.2
BM - Back-Medium (30-60)	788.5	N.A.	26.0
BH - Back-High (60-80)	458.8	N.A.	15.1
BVH - Back-Very High (80-90)	49.8	N.A.	1.6
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	3030.0	N.A.	100.0
BUG Rating	B1-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>15</u>	<u>25</u>	<u>35</u>	<u>45</u>	<u>55</u>	<u>65</u>	<u>75</u>	<u>85</u>
0.0	410	410	410	410	410	410	410	410	410	410
2.5	411	411	411	411	411	411	411	411	411	411
5.0	416	415	415	415	416	415	416	416	416	416
7.5	423	423	422	422	422	423	423	423	423	423
10.0	434	434	434	434	434	434	434	434	434	434
12.5	447	447	448	448	448	448	448	448	447	448
15.0	465	465	466	466	465	465	465	465	465	465
17.5	486	486	486	487	487	486	486	486	486	487
20.0	509	509	510	510	510	510	509	509	510	510
22.5	534	535	535	535	535	536	535	535	535	536
25.0	563	562	562	562	562	563	562	563	562	562
27.5	592	591	590	590	590	590	591	591	590	590
30.0	618	617	616	616	616	617	618	617	617	616
32.5	643	643	642	641	641	642	642	642	642	641
35.0	665	665	664	663	663	664	664	664	664	664
37.5	683	683	683	682	682	682	682	682	683	683
40.0	698	698	698	698	697	697	697	698	698	698
42.5	709	709	709	709	708	708	708	708	708	709
45.0	715	716	715	714	714	713	714	714	714	714
47.5	717	717	717	715	714	715	715	716	716	715
50.0	713	712	713	710	710	710	710	710	712	711
52.5	703	702	703	701	700	700	699	700	701	701
55.0	688	687	687	685	684	684	683	684	686	686
57.5	666	666	666	664	662	662	662	663	664	664
60.0	637	638	637	635	634	634	634	636	637	636
62.5	602	605	604	601	600	600	601	602	603	602
65.0	562	565	561	559	560	560	561	562	562	560
67.5	519	519	517	514	513	513	515	517	516	515
70.0	468	468	468	464	463	465	465	465	467	466
72.5	412	411	413	411	410	410	407	406	413	413
75.0	352	348	353	355	354	350	344	345	351	356
77.5	288	280	285	292	290	284	278	279	284	293
80.0	221	213	215	218	221	213	212	213	214	221
82.5	154	148	143	150	151	145	148	148	145	149
85.0	90	85	80	84	84	82	85	86	82	84
87.5	29	28	26	27	27	27	28	29	27	28
90.0	0	0	0	0	0	0	0	0	0	0

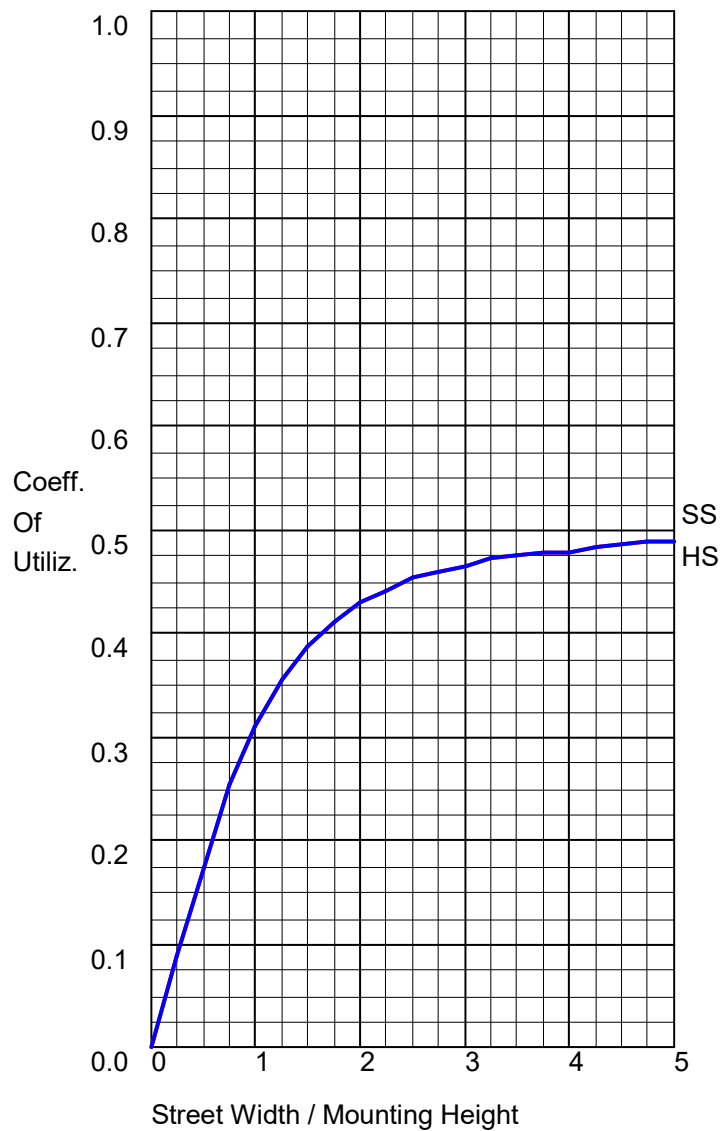
Vert. Angles	Horizontal Angles
	<u>90</u>
0.0	410
2.5	412
5.0	415
7.5	422
10.0	433
12.5	447
15.0	466
17.5	487
20.0	511
22.5	536
25.0	562
27.5	589

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CANDELA TABULATION - (Cont.)

30.0	616
32.5	641
35.0	663
37.5	682
40.0	698
42.5	709
45.0	714
47.5	714
50.0	710
52.5	700
55.0	685
57.5	662
60.0	633
62.5	597
65.0	558
67.5	513
70.0	461
72.5	404
75.0	341
77.5	278
80.0	214
82.5	143
85.0	82
87.5	28
90.0	0

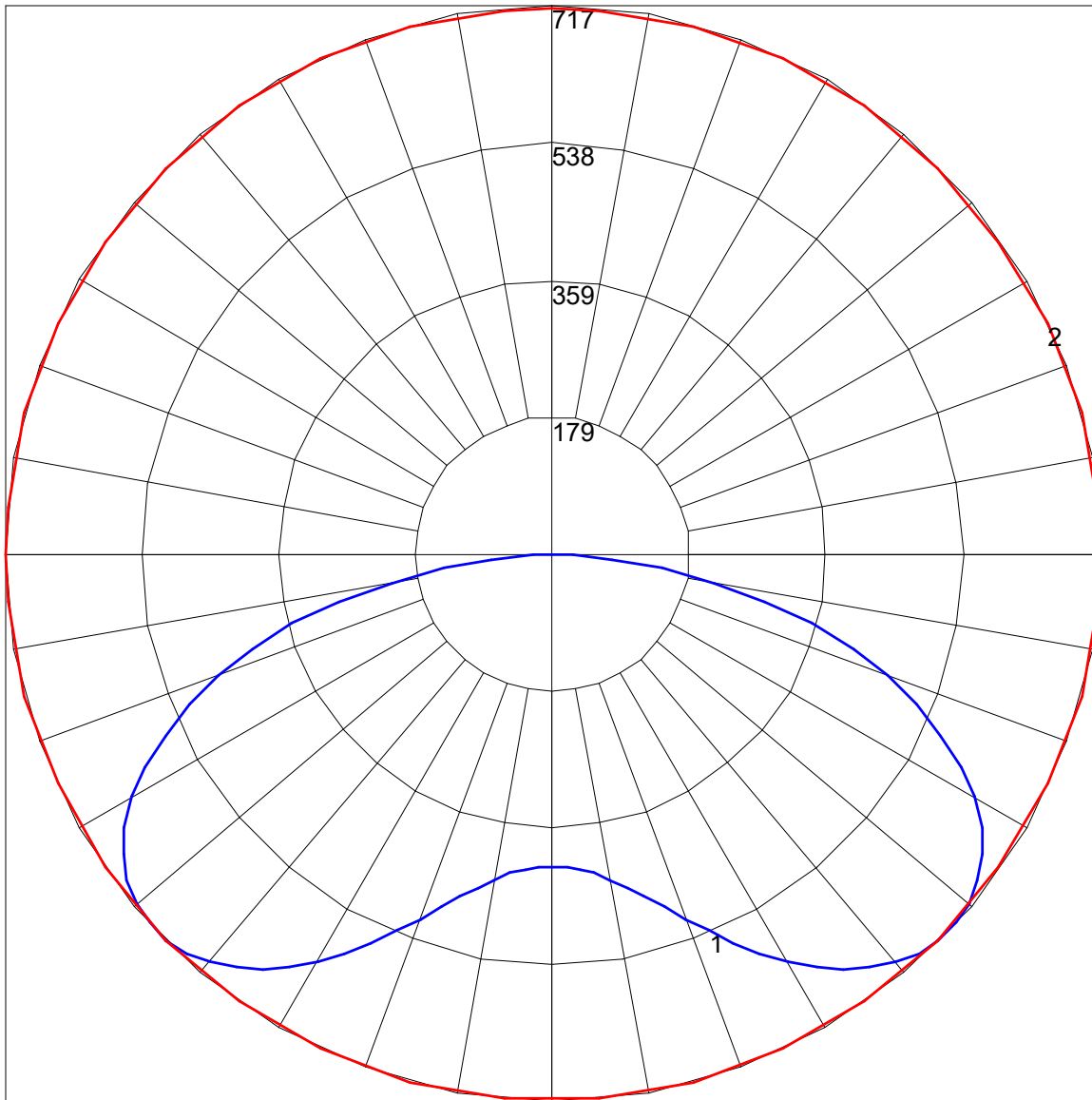
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

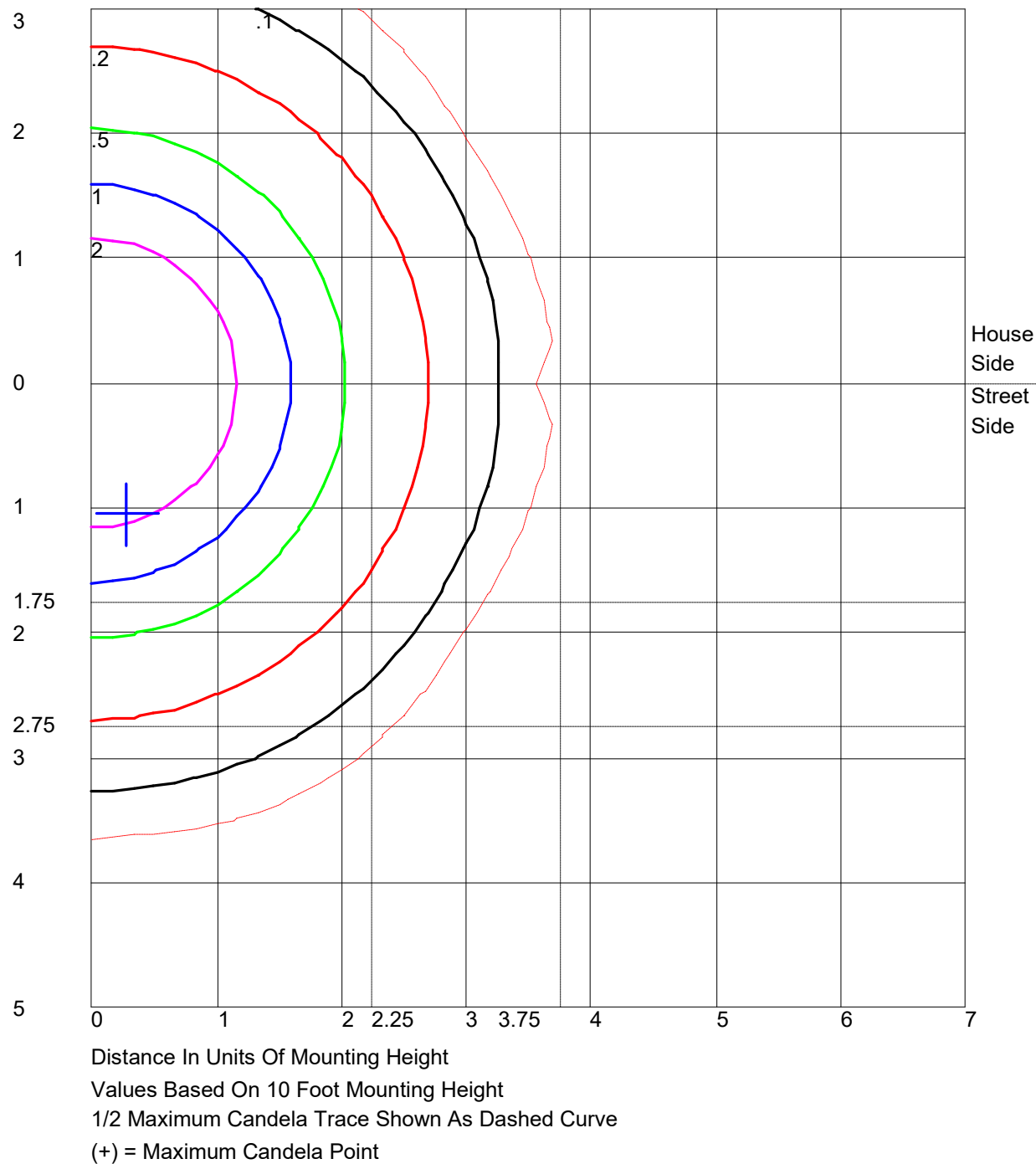
	Lumens	Percent Of Luminaire
Downward Street Side	1515.0	50.0
Downward House Side	1515.0	50.0
Downward Total	3030.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3030.0	100.0

POLAR GRAPH

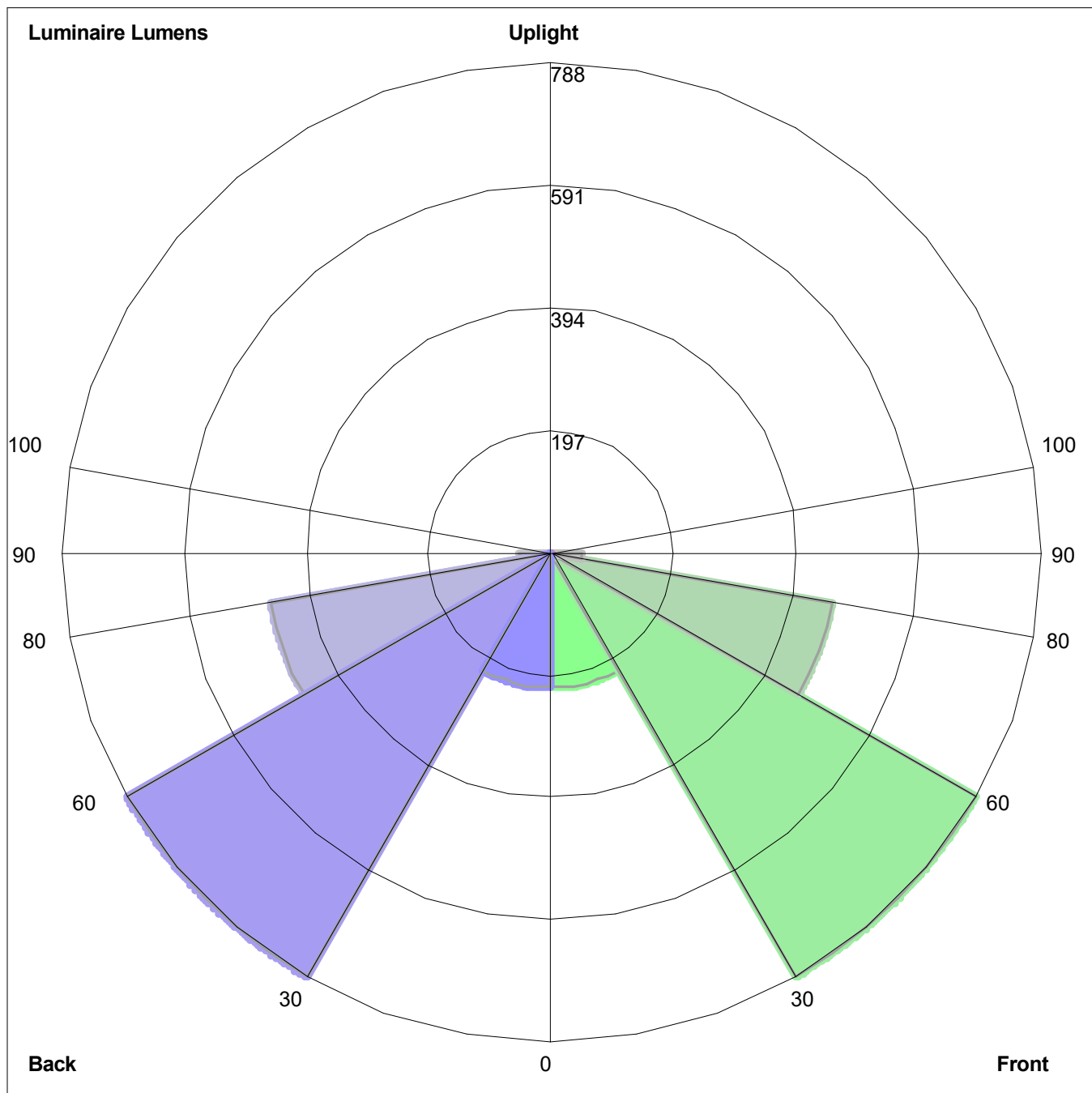


Maximum Candela = 717 Located At Horizontal Angle = 15, Vertical Angle = 47.5
1 - Vertical Plane Through Horizontal Angles (15 - 195) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (47.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=217.9, Medium=788.5, High=458.8, Very High=49.8
Back: Low=217.9, Medium=788.5, High=458.8, Very High=49.8
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1