IES ROAD REPORT
PHOTOMETRIC FILENAME : CRUS_SM-SC-SS-40.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12152
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUEDATE] 08/27/20
[TESTDATE] 08/18/20
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] CRUS_SM-SC-SS-40
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER] SCALED FROM ORIGINAL TEST DATA
[_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	13449
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	93
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4330
Maximum Candela Angle	35H 2.5V
Maximum Candela (<90 Degrees Vertical)	4330
Maximum Candela Angle (<90 Degrees Vertical)	35H 2.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	364 (2.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1757.7	N.A.	13.1
FM - Front-Medium (30-60)	3627.3	N.A.	27.0
FH - Front-High (60-80)	1270.5	N.A.	9.4
FVH - Front-Very High (80-90)	68.9	N.A.	0.5
BL - Back-Low (0-30)	1757.7	N.A.	13.1
BM - Back-Medium (30-60)	3627.3	N.A.	27.0
BH - Back-High (60-80)	1270.5	N.A.	9.4
BVH - Back-Very High (80-90)	68.9	N.A.	0.5
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	13448.8	N.A.	100.0
BUG Rating	B3-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	15	25	35	45	55	65	75	85
0.0	4306	4306	4306	4306	4306	4306	4306	4306	4306	4306
2.5	4315	4313	4315	4325	4330	4316	4316	4314	4318	4312
5.0	4316	4313	4324	4315	4323	4314	4315	4308	4317	4315
7.5	4312	4314	4320	4314	4306	4313	4311	4308	4306	4314
10.0	4301	4302	4306	4291	4305	4303	4295	4292	4297	4301
12.5	4283	4289	4291	4284	4292	4281	4276	4287	4280	4284
15.0	4264	4266	4270	4262	4268	4270	4251	4264	4259	4260
17.5	4247	4237	4237	4239	4240	4230	4224	4246	4231	4235
20.0	4211	4205	4201	4201	4217	4210	4197	4205	4202	4200
22.5	4158	4155	4164	4164	4162	4166	4168	4167	4159	4155
25.0	4102	4114	4116	4107	4125	4111	4118	4115	4113	4111
27.5	4052	4049	4060	4053	4051	4054	4057	4063	4056	4051
30.0	3979	3982	3988	3978	3985	3988	3986	3987	3990	3977
32.5	3883	3895	3892	3898	3905	3895	3904	3899	3899	3897
35.0	3781	3790	3787	3804	3803	3803	3805	3802	3798	3805
37.5	3678	3686	3681	3693	3691	3693	3697	3691	3693	3692
40.0	3566	3566	3567	3580	3580	3569	3575	3582	3578	3569
42.5	3437	3437	3442	3450	3453	3447	3444	3445	3443	3449
45.0	3295	3303	3305	3314	3304	3302	3302	3297	3300	3297
47.5	3150	3147	3147	3152	3146	3148	3148	3143	3144	3143
50.0	2991	2988	2977	2975	2982	2987	2983	2978	2978	2981
52.5	2824	2809	2807	2803	2797	2802	2810	2798	2806	2797
55.0	2622	2620	2615	2616	2613	2619	2620	2619	2620	2604
57.5	2427	2415	2418	2419	2421	2425	2422	2419	2414	2404
60.0	2201	2208	2208	2210	2216	2218	2215	2213	2206	2195
62.5	1966	1969	1990	1997	1995	1982	1985	1981	1984	1978
65.0	1727	1734	1756	1766	1763	1756	1753	1746	1742	1739
67.5	1481	1487	1509	1515	1515	1506	1511	1509	1499	1480
70.0	1220	1224	1241	1256	1260	1253	1266	1254	1239	1219
72.5	995	986	985	981	1001	997	1007	993	993	985
75.0	776	768	760	760	760	746	768	768	767	766
77.5	545	554	556	552	551	531	555	562	559	554
80.0	342	355	362	356	361	354	353	359	364	359
82.5	197	203	210	207	203	193	200	202	208	209
85.0	89	91	92	94	92	91	90	92	94	95
87.5	31	31	31	31	31	32	33	33	34	34
90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles
	90
0.0	4306
2.5	4314
5.0	4314
7.5	4304
10.0	4294
12.5	4280
15.0	4280
17.5	4256
20.0	4208
22.5	4165
25.0	4117
27.5	4060

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CANDELA TABULATION - (Cont.)

30.0	3992
32.5	3906
35.0	3807
37.5	3696
40.0	3577
42.5	3450
45.0	3308
47.5	3142
50.0	2982
52.5	2805
55.0	2610
57.5	2403
60.0	2192
62.5	1970
65.0	1728
67.5	1472
70.0	1210
72.5	981
75.0	764
77.5	547
80.0	350
82.5	206
85.0	97
87.5	34
90.0	0

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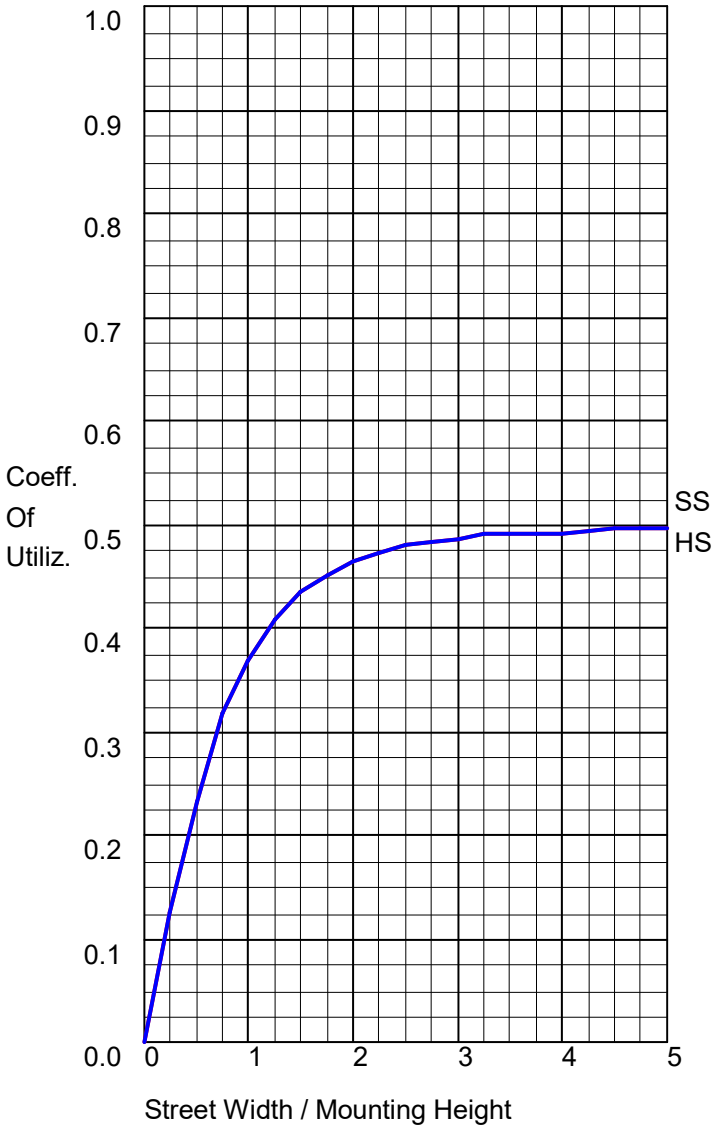
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	6724.4	50.0
Downward House Side	6724.4	50.0
Downward Total	13448.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	13448.8	100.0

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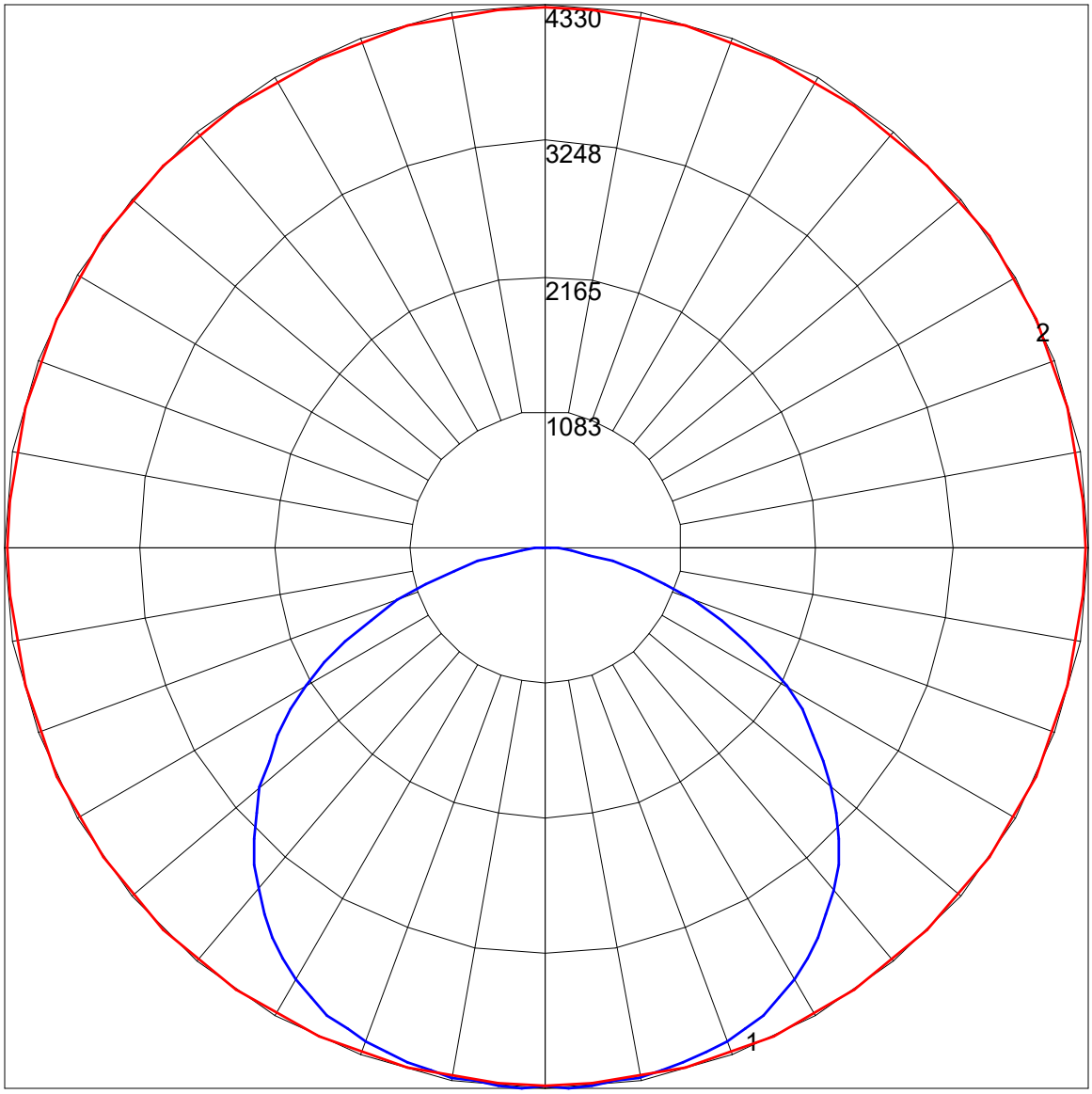
POLAR GRAPH



Maximum Candela = 4330 Located At Horizontal Angle = 35, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (35 - 215) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

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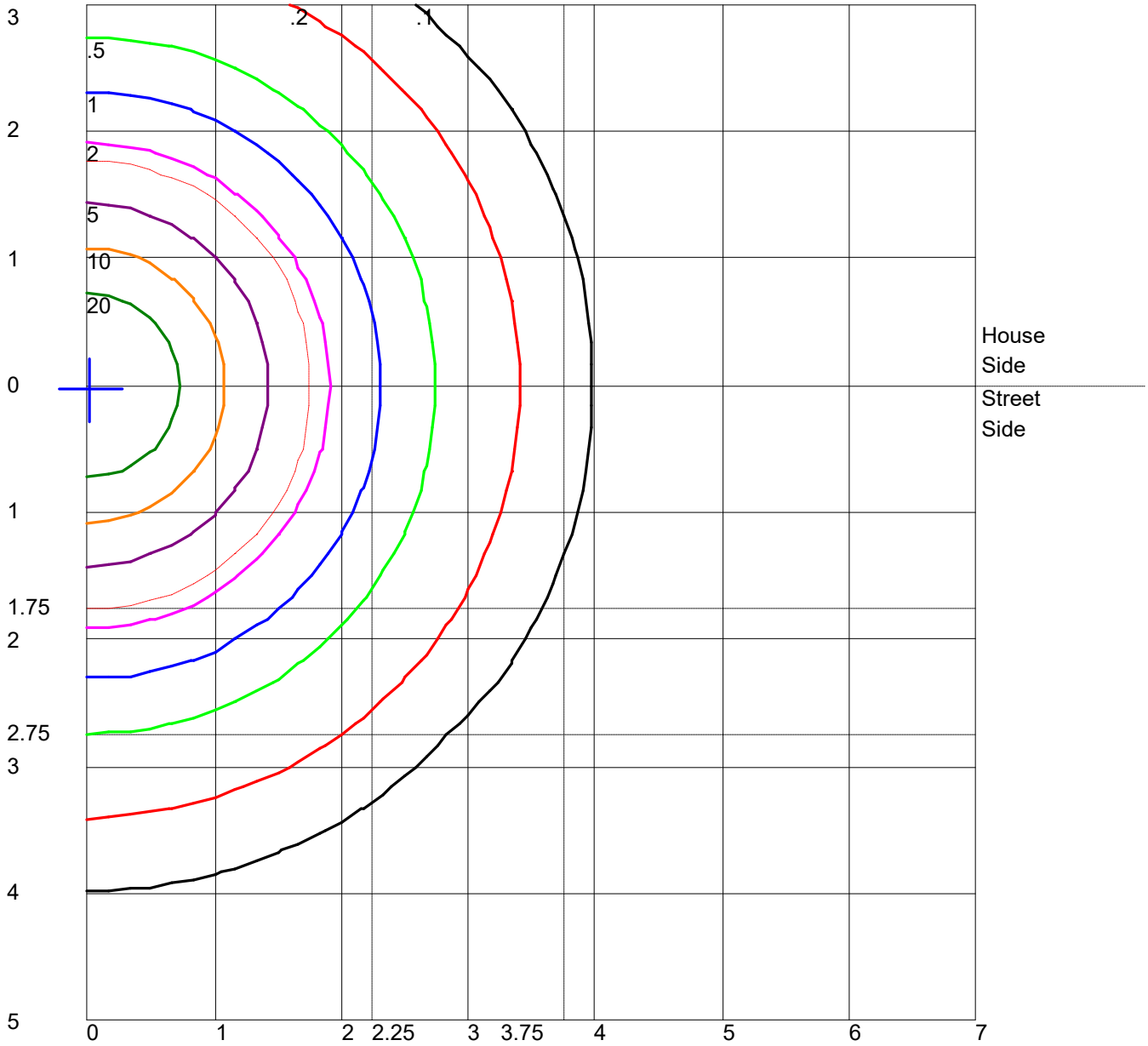
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

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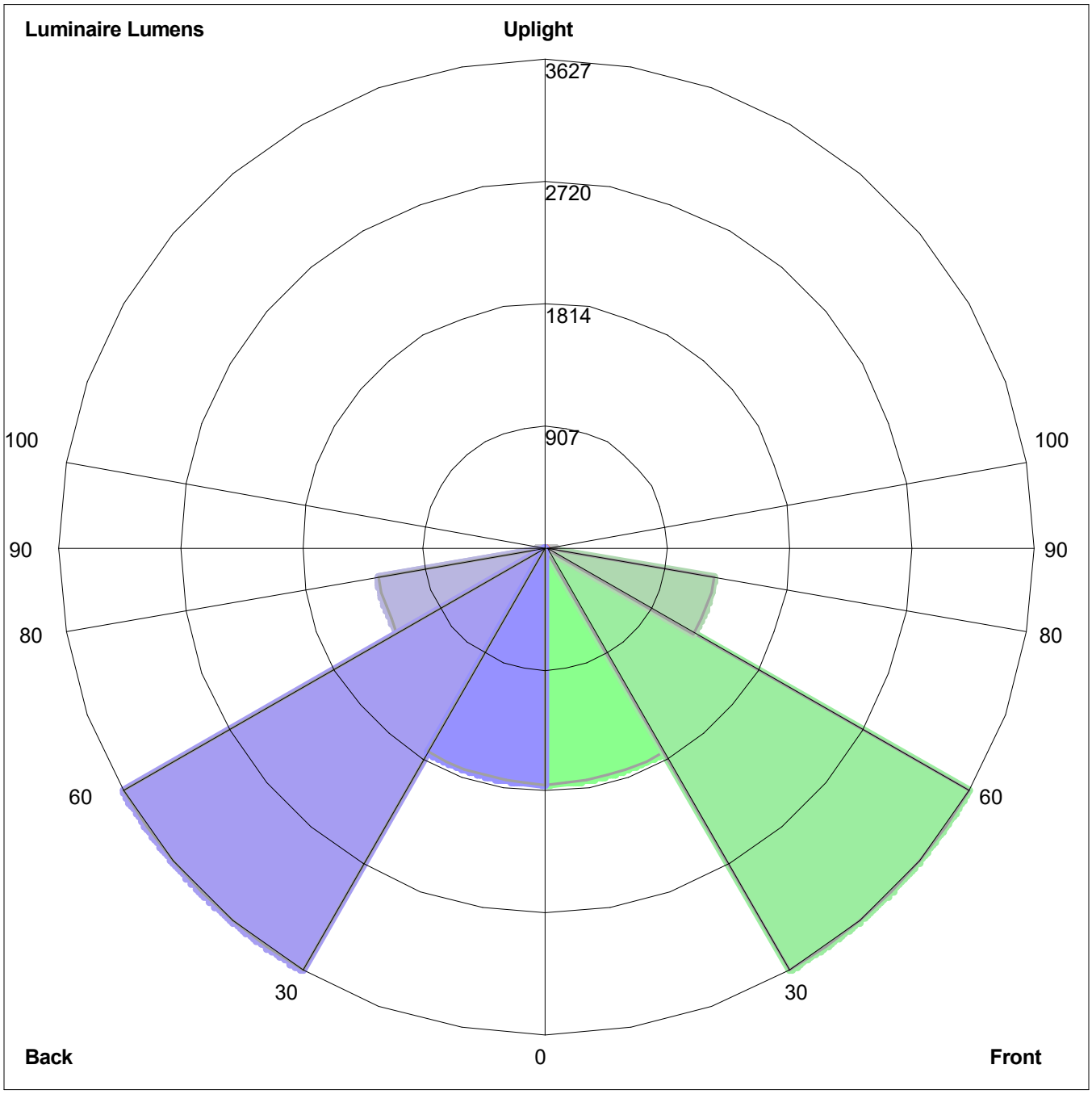
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1757.7, Medium=3627.3, High=1270.5, Very High=68.9
Back: Low=1757.7, Medium=3627.3, High=1270.5, Very High=68.9
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1

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