

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-40K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] STD230611NB-D-PL

[TESTLAB] STANDARD-TECH TESTING SERVICE

[TESTDATE] 15 August 2022

[ISSUEDATE] 2023-06-12 09:39:34

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] BELUCE

[LUMCAT] BS3C-8-PS3-3C-M-65W-40K

[LUMINAIRE] BS3C-8-PS3-3C-M-65W-40K

[LAMP] 10263 LUMENS

[_SEARCH_SOURCE] LED

[_SEARCH_APPLICATION] Indoor, Outdoor, Commercial, Garage, Parking, Residential, Damp Location, Wet Location

[_SEARCH_MOUNTING] Cable, Suspended

[_SEARCH_CERTIFICATION] CSA

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10263
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	158
Total Luminaire Watts	65
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	2.37 m
Luminous Width (90-270)	0.10 m
Luminous Height	0.03 m

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11108	9927	10012
55	10312	9172	9453
65	9303	8452	8870
75	7697	7823	8289
85	5083	7552	8105

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	3060.711	3060.711	3060.711	3060.711	3060.711
5	3045.062	3042.885	3044.518	3044.518	3043.021
10	2998.660	2993.488	3005.872	3004.919	3003.422
15	2918.235	2916.331	2930.619	2941.506	2943.138
20	2804.745	2809.099	2830.600	2852.372	2858.906
25	2659.139	2672.476	2707.448	2742.148	2752.898
30	2494.075	2512.037	2563.747	2612.055	2632.467
35	2306.011	2329.962	2398.411	2470.260	2497.613
40	2101.348	2135.367	2220.689	2314.993	2348.197
45	1885.932	1923.355	2032.356	2145.982	2182.179
50	1660.857	1705.899	1841.707	1973.296	2013.848
55	1427.751	1483.545	1641.125	1789.725	1836.264
60	1193.817	1263.422	1443.128	1599.893	1649.698
65	957.540	1045.122	1248.452	1411.013	1460.547
70	722.653	837.858	1057.410	1219.018	1267.503
75	494.623	646.245	876.178	1025.634	1078.202
80	286.719	474.294	700.417	851.630	899.325
85	120.231	328.211	550.402	692.634	741.800
90	41.402	223.497	432.068	562.813	609.787
95	35.643	153.880	339.233	459.311	498.746
100	31.896	99.927	262.553	373.212	409.887
105	28.951	59.309	195.710	296.015	330.362
110	25.297	33.629	138.230	227.213	258.524
115	22.589	24.563	88.965	166.058	194.608
120	19.765	21.975	50.684	112.274	136.965
125	16.490	19.751	24.668	67.832	86.221
130	13.895	17.407	17.121	33.790	46.467
135	12.004	15.522	15.243	16.446	18.275
140	10.712	13.874	14.055	15.128	12.946
145	9.883	12.579	13.581	13.950	11.865
150	9.293	11.989	12.637	12.999	11.282
155	9.294	11.754	12.399	12.408	9.856
160	10.587	12.340	12.399	12.290	9.975
165	12.003	12.929	12.400	12.172	10.451
170	13.166	14.212	12.753	12.054	10.451
175	13.648	14.810	12.753	11.345	10.451
180	12.000	12.000	12.000	12.000	12.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1115.84	N.A.	10.90
0-30	2363.57	N.A.	23.00
0-40	3865.88	N.A.	37.70
0-60	6902.1	N.A.	67.20
0-80	9004.73	N.A.	87.70
0-90	9561.43	N.A.	93.20
10-90	9272.19	N.A.	90.30
20-40	2750.04	N.A.	26.80
20-50	4321.12	N.A.	42.10
40-70	4254.16	N.A.	41.40
60-80	2102.63	N.A.	20.50
70-80	884.69	N.A.	8.60
80-90	556.70	N.A.	5.40
90-110	532.97	N.A.	5.20
90-120	631.38	N.A.	6.20
90-130	670.30	N.A.	6.50
90-150	691.91	N.A.	6.70
90-180	702.00	N.A.	6.80
110-180	169.02	N.A.	1.60
0-180	10263.42	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	289.24
10-20	826.60
20-30	1247.73
30-40	1502.31
40-50	1571.08
50-60	1465.14
60-70	1217.93
70-80	884.69
80-90	556.70
90-100	337.00
100-110	195.97
110-120	98.41
120-130	38.92
130-140	13.55
140-150	8.06
150-160	5.43
160-170	3.46
170-180	1.21

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1	105	100	95	90	102	97	92	88	91	88	84	86	83	80	81	79	77	74
2	95	86	79	72	92	84	77	71	79	73	68	75	70	66	71	67	63	61
3	86	75	67	60	83	73	65	59	69	62	57	65	60	55	62	57	53	50
4	79	66	57	50	76	65	56	49	61	54	48	58	52	47	55	50	45	43
5	73	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	37
6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	32
7	62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	28
8	58	44	35	29	56	43	35	29	41	34	28	39	33	28	37	32	27	25
9	54	40	32	26	52	39	31	26	38	30	25	36	30	25	35	29	24	23
10	50	37	29	24	49	36	29	23	35	28	23	33	27	23	32	26	22	20

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UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	18.0	19.6	18.5	20.0	20.5	UGR Viewed Endwise			
	3H	19.6	21.0	20.0	21.4	22.0	20.4	21.9	20.8	22.4
	4H	20.1	21.4	20.6	21.9	22.4	22.8	24.2	23.3	24.7
	6H	20.4	21.6	20.9	22.1	22.7	24.0	25.3	24.5	25.8
	8H	20.5	21.7	21.0	22.2	22.7	25.2	26.4	25.7	26.9
	12H	20.5	21.6	21.0	22.2	22.8	25.8	27.0	26.4	27.5

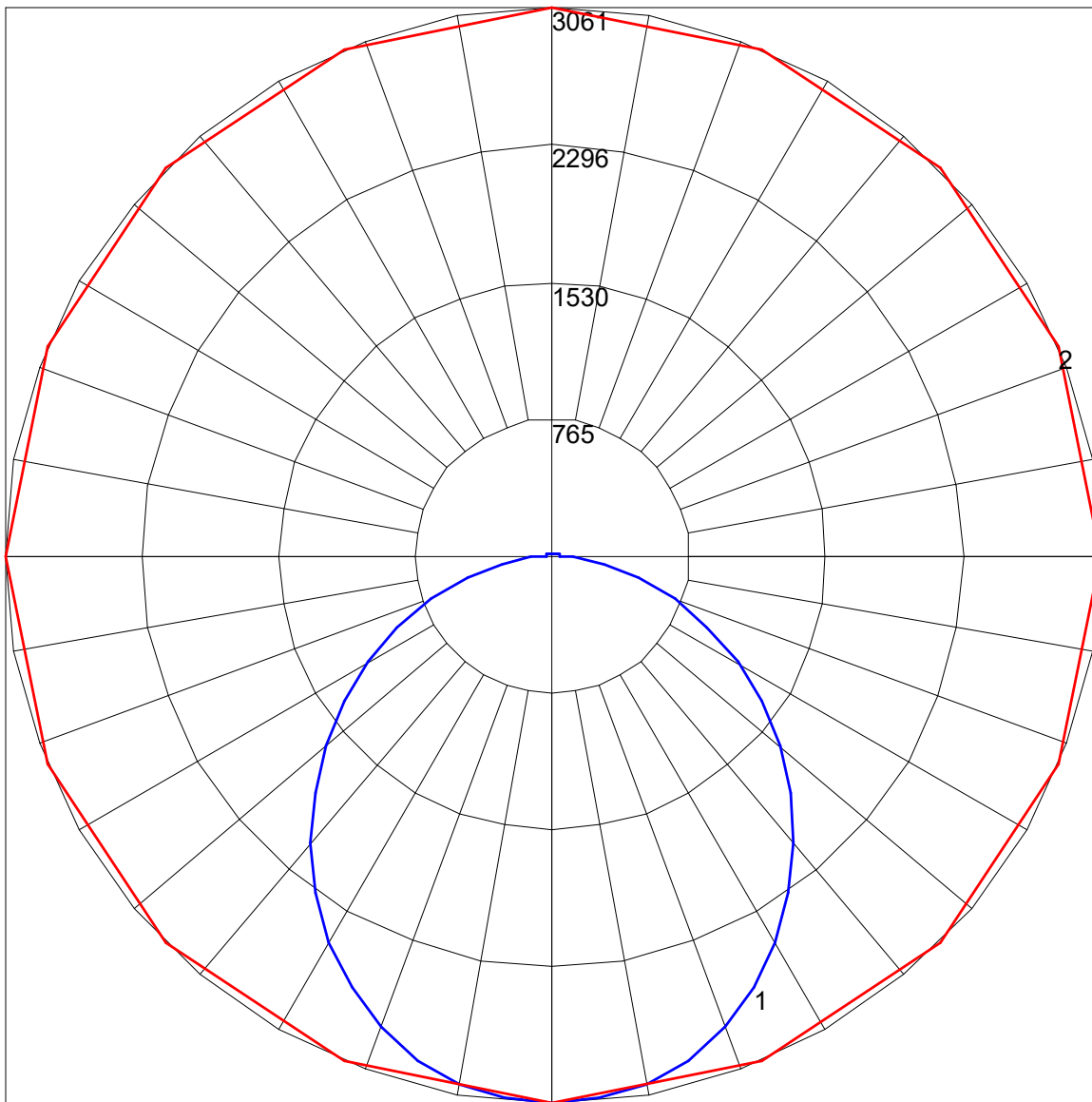
4H	2H	19.0	20.3	19.5	20.8	21.3	26.5	27.7	27.0	28.2
	3H	20.8	21.9	21.3	22.4	23.0	20.4	21.9	20.8	22.4
	4H	21.4	22.4	21.9	23.0	23.6	22.8	24.2	23.3	24.7
	6H	21.9	22.8	22.4	23.3	24.0	24.0	25.3	24.5	25.8
	8H	22.0	22.9	22.6	23.4	24.0	25.2	26.4	25.7	26.9
	12H	22.1	22.9	22.7	23.4	24.1	25.8	27.0	26.4	27.5

8H	4H	22.2	23.0	22.7	23.6	24.2	27.8	28.6	28.4	29.2
	6H	22.8	23.5	23.4	24.1	24.8	20.8	22.1	21.3	22.6
	8H	23.0	23.7	23.7	24.3	25.0	23.5	24.6	24.0	25.2
	12H	23.2	23.8	23.8	24.4	25.1	24.8	25.9	25.4	26.4

12H	4H	22.4	23.1	22.9	23.7	24.4	26.2	27.1	26.8	27.7
	6H	23.1	23.8	23.7	24.4	25.1	26.2	27.1	26.8	27.7
	8H	23.5	24.0	24.1	24.7	25.4	27.0	27.8	27.5	28.4

Maximum UGR = 30.4

POLAR GRAPH



Maximum Candela = 3060.711 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)