

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-75W-35K.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-75W-35K

[LUMINAIRE] BS3C-8-PS3-3C-M-75W-35K

[LAMP] 11175 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	11175
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	149
Total Luminaire Watts	75
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	12095	10809	10901
55	11228	9986	10292
65	10130	9203	9657
75	8380	8518	9025
85	5534	8222	8825

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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	3332.518	3332.518	3332.518	3332.518	3332.518
5	3315.479	3313.109	3314.887	3314.887	3313.257
10	3264.956	3259.325	3272.808	3271.771	3270.141
15	3177.389	3175.316	3190.873	3202.726	3204.504
20	3053.821	3058.562	3081.972	3105.678	3112.791
25	2895.284	2909.805	2947.883	2985.665	2997.369
30	2715.561	2735.119	2791.421	2844.019	2866.244
35	2510.797	2536.874	2611.402	2689.632	2719.413
40	2287.958	2324.999	2417.898	2520.576	2556.729
45	2053.413	2094.159	2212.839	2336.556	2375.968
50	1808.349	1857.392	2005.259	2148.535	2192.688
55	1554.542	1615.291	1786.865	1948.661	1999.333
60	1299.834	1375.620	1571.285	1741.971	1796.200
65	1042.575	1137.934	1359.321	1536.318	1590.251
70	786.828	912.264	1151.313	1327.273	1380.064
75	538.549	703.634	953.988	1116.716	1173.952
80	312.182	516.414	762.618	927.259	979.190
85	130.909	357.358	599.281	754.143	807.675
90	45.079	243.345	470.437	612.794	663.940
95	38.808	167.545	369.359	500.100	543.037
100	34.728	108.801	285.869	406.356	446.287
105	31.522	64.576	213.090	322.302	359.699
110	27.543	36.615	150.506	247.391	281.483
115	24.595	26.745	96.866	180.805	211.890
120	21.520	23.927	55.185	122.244	149.128
125	17.954	21.505	26.859	73.856	93.878
130	15.129	18.952	18.642	36.790	50.593
135	13.070	16.901	16.597	17.906	19.897
140	11.663	15.107	15.303	16.472	14.095
145	10.760	13.696	14.786	15.189	12.918
150	10.118	13.054	13.760	14.154	12.284
155	10.119	12.797	13.500	13.510	10.731
160	11.527	13.436	13.500	13.381	10.861
165	13.069	14.077	13.501	13.253	11.379
170	14.336	15.474	13.886	13.124	11.379
175	14.860	16.125	13.886	12.352	11.379
180	14.000	14.000	14.000	14.000	14.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1214.93	N.A.	10.90
0-30	2573.47	N.A.	23.00
0-40	4209.19	N.A.	37.70
0-60	7515.05	N.A.	67.20
0-80	9804.4	N.A.	87.70
0-90	10410.53	N.A.	93.20
10-90	10095.61	N.A.	90.30
20-40	2994.26	N.A.	26.80
20-50	4704.86	N.A.	42.10
40-70	4631.95	N.A.	41.40
60-80	2289.35	N.A.	20.50
70-80	963.26	N.A.	8.60
80-90	606.14	N.A.	5.40
90-110	580.30	N.A.	5.20
90-120	687.45	N.A.	6.20
90-130	729.83	N.A.	6.50
90-150	753.35	N.A.	6.70
90-180	764.35	N.A.	6.80
110-180	184.05	N.A.	1.60
0-180	11174.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	314.93
10-20	900.00
20-30	1358.54
30-40	1635.72
40-50	1710.6
50-60	1595.26
60-70	1326.09
70-80	963.26
80-90	606.14
90-100	366.93
100-110	213.37
110-120	107.15
120-130	42.37
130-140	14.76
140-150	8.77
150-160	5.91
160-170	3.76
170-180	1.32

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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	66	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

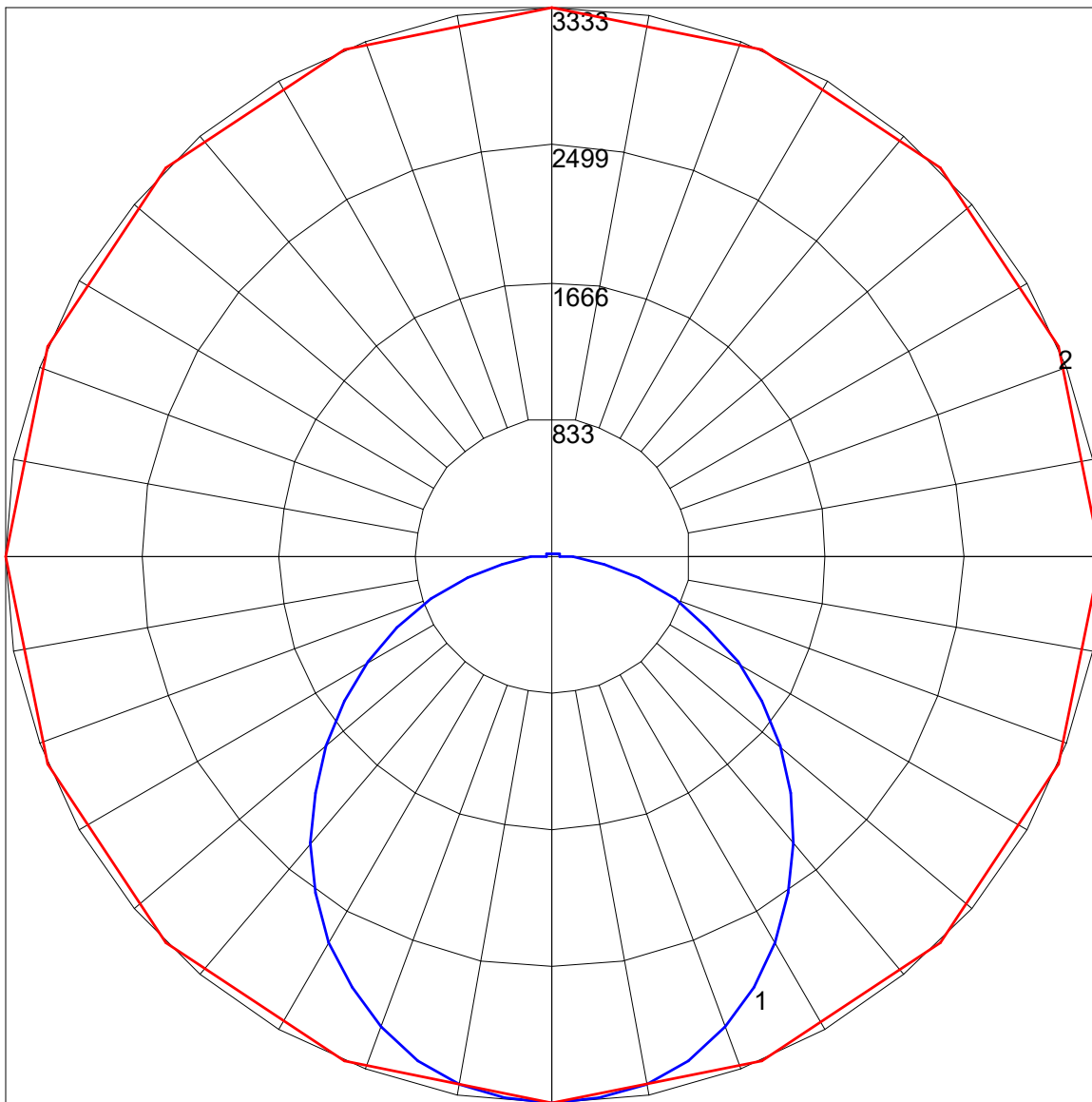
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UGR TABLE - CORRECTED

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					UGR Viewed Endwise				
X=2H	Y=2H	18.3	19.9	18.8	20.3	20.8	20.7	22.2	21.1	22.7	23.1
	3H	19.9	21.3	20.3	21.7	22.3	23.1	24.5	23.6	25.0	25.5
	4H	20.4	21.7	20.9	22.2	22.7	24.3	25.6	24.8	26.1	26.6
	6H	20.7	21.9	21.2	22.4	23.0	25.5	26.7	26.0	27.2	27.8
	8H	20.8	22.0	21.3	22.5	23.0	26.1	27.3	26.7	27.8	28.4
	12H	20.8	21.9	21.3	22.5	23.1	26.8	28.0	27.3	28.5	29.1
4H	2H	19.3	20.6	19.8	21.1	21.6	21.1	22.4	21.6	22.9	23.5
	3H	21.1	22.2	21.6	22.7	23.3	23.8	24.9	24.3	25.5	26.0
	4H	21.7	22.7	22.2	23.3	23.9	25.1	26.2	25.7	26.7	27.3
	6H	22.2	23.1	22.7	23.6	24.3	26.5	27.4	27.1	28.0	28.6
	8H	22.3	23.2	22.9	23.7	24.3	27.3	28.1	27.8	28.7	29.3
	12H	22.4	23.2	23.0	23.7	24.4	28.1	28.9	28.7	29.5	30.1
8H	4H	22.5	23.3	23.0	23.9	24.5	25.4	26.2	25.9	26.8	27.4
	6H	23.1	23.8	23.7	24.4	25.1	26.9	27.7	27.5	28.3	28.9
	8H	23.3	24.0	24.0	24.6	25.3	27.8	28.5	28.4	29.1	29.7
	12H	23.5	24.1	24.1	24.7	25.4	28.8	29.4	29.4	30.0	30.7
12H	4H	22.7	23.4	23.2	24.0	24.7	25.4	26.2	26.0	26.8	27.4
	6H	23.4	24.1	24.0	24.7	25.4	27.0	27.7	27.6	28.2	28.9
	8H	23.8	24.3	24.4	25.0	25.7	27.9	28.5	28.5	29.1	29.8

Maximum UGR = 30.7

POLAR GRAPH



Maximum Candela = 3332.518 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.)