

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-50K.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-50K

[LUMINAIRE] BS3C-8-PS3-3C-M-65W-50K

[LAMP] 10212 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	10212
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	157
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-50K.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11053	9878	9962
55	10261	9126	9406
65	9257	8410	8825
75	7658	7784	8248
85	5058	7514	8065

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-50K.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	3045.492	3045.492	3045.492	3045.492	3045.492
5	3029.919	3027.754	3029.378	3029.378	3027.889
10	2983.748	2978.602	2990.925	2989.977	2988.487
15	2903.723	2901.829	2916.046	2926.879	2928.503
20	2790.798	2795.131	2816.524	2838.189	2844.690
25	2645.916	2659.186	2693.985	2728.513	2739.209
30	2481.673	2499.545	2550.998	2599.066	2619.377
35	2294.544	2318.376	2386.485	2457.976	2485.193
40	2090.898	2124.749	2209.646	2303.481	2336.520
45	1876.554	1913.791	2022.249	2135.311	2171.328
50	1652.598	1697.417	1832.548	1963.484	2003.833
55	1420.651	1476.168	1632.964	1780.825	1827.133
60	1187.881	1257.139	1435.951	1591.937	1641.495
65	952.779	1039.925	1242.244	1403.997	1453.284
70	719.059	833.691	1052.152	1212.957	1261.201
75	492.164	643.031	871.821	1020.534	1072.841
80	285.294	471.935	696.934	847.395	894.853
85	119.634	326.579	547.665	689.190	738.111
90	41.197	222.386	429.919	560.015	606.755
95	35.465	153.115	337.547	457.027	496.265
100	31.737	99.430	261.248	371.357	407.849
105	28.807	59.014	194.737	294.543	328.719
110	25.171	33.461	137.543	226.083	257.239
115	22.477	24.441	88.523	165.232	193.640
120	19.666	21.866	50.432	111.715	136.284
125	16.408	19.653	24.545	67.495	85.792
130	13.826	17.320	17.036	33.622	46.236
135	11.944	15.445	15.167	16.364	18.184
140	10.659	13.805	13.985	15.053	12.881
145	9.834	12.516	13.513	13.880	11.806
150	9.247	11.929	12.574	12.934	11.226
155	9.248	11.695	12.337	12.347	9.807
160	10.534	12.279	12.337	12.229	9.925
165	11.943	12.865	12.338	12.111	10.399
170	13.101	14.141	12.690	11.994	10.399
175	13.581	14.737	12.690	11.288	10.399
180	12.000	12.000	12.000	12.000	12.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-50K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1110.29	N.A.	10.90
0-30	2351.82	N.A.	23.00
0-40	3846.66	N.A.	37.70
0-60	6867.78	N.A.	67.20
0-80	8959.95	N.A.	87.70
0-90	9513.88	N.A.	93.20
10-90	9226.08	N.A.	90.30
20-40	2736.37	N.A.	26.80
20-50	4299.64	N.A.	42.10
40-70	4233.00	N.A.	41.40
60-80	2092.17	N.A.	20.50
70-80	880.30	N.A.	8.60
80-90	553.93	N.A.	5.40
90-110	530.32	N.A.	5.20
90-120	628.24	N.A.	6.20
90-130	666.97	N.A.	6.50
90-150	688.47	N.A.	6.70
90-180	698.51	N.A.	6.80
110-180	168.18	N.A.	1.60
0-180	10212.39	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	287.80
10-20	822.49
20-30	1241.53
30-40	1494.84
40-50	1563.27
50-60	1457.86
60-70	1211.88
70-80	880.30
80-90	553.93
90-100	335.33
100-110	194.99
110-120	97.92
120-130	38.72
130-140	13.48
140-150	8.02
150-160	5.40
160-170	3.44
170-180	1.20

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-50K.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-50K.IES

UGR TABLE - CORRECTED

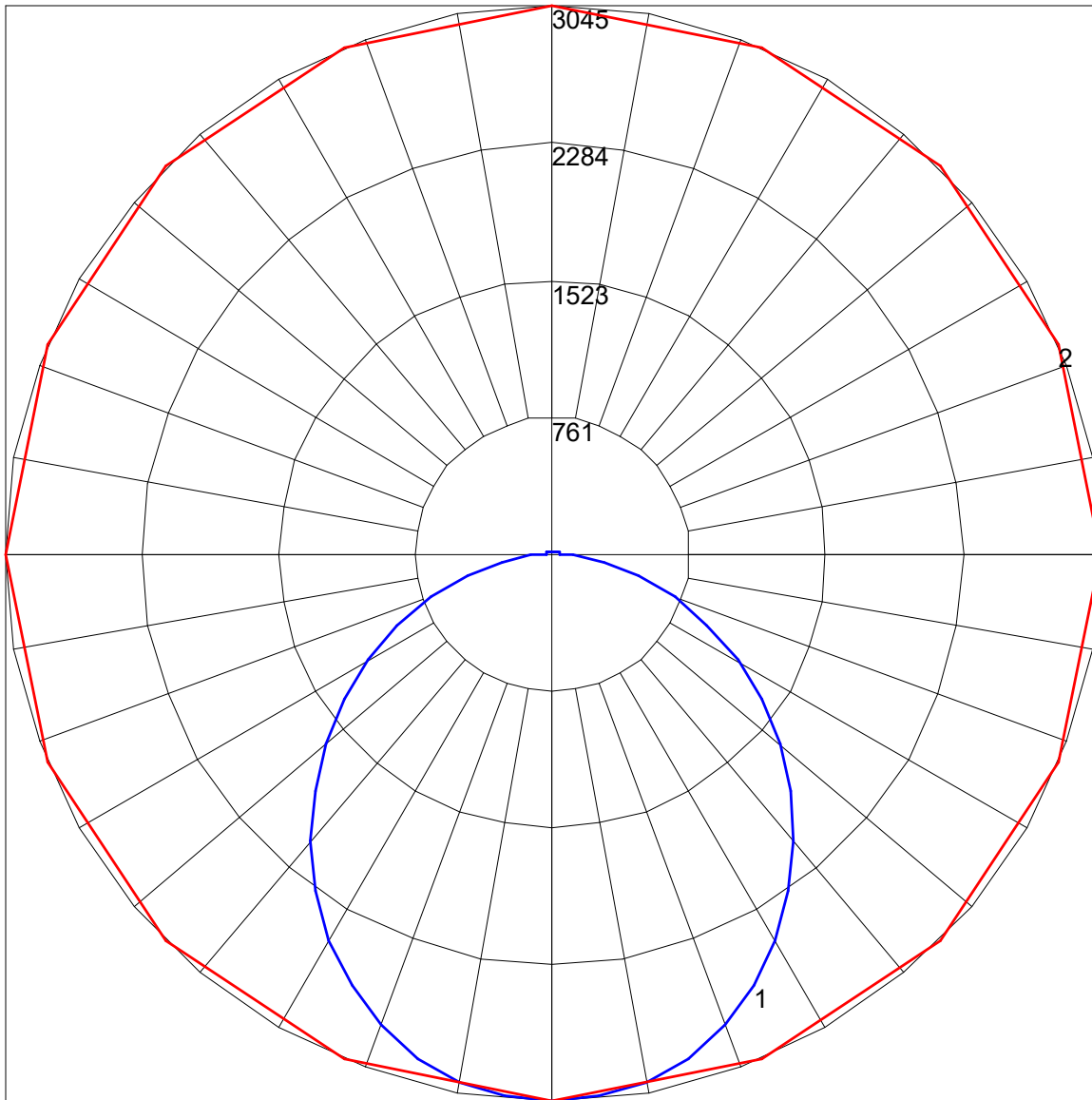
Reflectances

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	18.0	19.6	18.5	20.0	20.5	20.4	21.9	20.8	22.4	22.8
	3H	19.6	21.0	20.0	21.4	22.0	22.8	24.2	23.3	24.7	25.2
	4H	20.1	21.4	20.6	21.9	22.4	24.0	25.3	24.5	25.8	26.3
	6H	20.4	21.6	20.9	22.1	22.7	25.2	26.4	25.7	26.9	27.5
	8H	20.5	21.7	21.0	22.2	22.7	25.8	27.0	26.4	27.5	28.1
	12H	20.5	21.6	21.0	22.2	22.8	26.5	27.7	27.0	28.2	28.8
4H	2H	19.0	20.3	19.5	20.8	21.3	20.8	22.1	21.3	22.6	23.2
	3H	20.8	21.9	21.3	22.4	23.0	23.5	24.6	24.0	25.2	25.7
	4H	21.4	22.4	21.9	23.0	23.6	24.8	25.9	25.4	26.4	27.0
	6H	21.9	22.8	22.4	23.3	24.0	26.2	27.1	26.8	27.7	28.3
	8H	22.0	22.9	22.6	23.4	24.0	27.0	27.8	27.5	28.4	29.0
	12H	22.1	22.9	22.7	23.4	24.1	27.8	28.6	28.4	29.2	29.8
8H	4H	22.2	23.0	22.7	23.6	24.2	25.1	25.9	25.6	26.5	27.1
	6H	22.8	23.5	23.4	24.1	24.8	26.6	27.4	27.2	28.0	28.6
	8H	23.0	23.7	23.7	24.3	25.0	27.5	28.2	28.1	28.8	29.4
	12H	23.2	23.8	23.8	24.4	25.1	28.5	29.1	29.1	29.7	30.4
12H	4H	22.4	23.1	22.9	23.7	24.4	25.1	25.9	25.7	26.5	27.1
	6H	23.1	23.8	23.7	24.4	25.1	26.7	27.4	27.3	27.9	28.6
	8H	23.5	24.0	24.1	24.7	25.4	27.6	28.2	28.2	28.8	29.5

Maximum UGR = 30.4

POLAR GRAPH



Maximum Candela = 3045.492 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.)