

IES INDOOR REPORT

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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] STD230611NB-C-PL

[TESTLAB] STANDARD-TECH TESTING SERVICE

[TESTDATE] 15 August 2022

[ISSUEDATE] 2023-06-12 18:15:50

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] BELUCE

[LUMCAT] BS3C-8-HO-3C-M-65W-50K

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

[LAMP] 10145 LUMENS

[_SEARCH_SOURCETYPE] 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	10145
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	156
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	10838	9752	9895
55	10108	9049	9386
65	9170	8421	8891
75	7673	7855	8406
85	5275	7674	8317

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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	2967.373	2967.373	2967.373	2967.373	2967.373
5	2949.411	2950.266	2958.178	2956.040	2956.040
10	2897.664	2905.789	2915.839	2921.826	2922.254
15	2821.324	2826.670	2851.047	2860.242	2869.009
20	2711.414	2729.162	2756.319	2776.419	2791.601
25	2570.069	2594.661	2637.855	2677.628	2691.741
30	2417.820	2443.266	2499.505	2553.818	2580.762
35	2238.841	2276.262	2343.406	2419.531	2451.178
40	2043.268	2087.682	2175.546	2273.482	2305.985
45	1840.105	1886.592	1996.524	2114.069	2156.729
50	1624.004	1677.163	1811.088	1950.016	1993.787
55	1399.457	1463.608	1619.215	1774.116	1823.277
60	1171.061	1248.726	1428.752	1592.378	1644.490
65	943.820	1039.083	1243.808	1411.304	1464.142
70	714.740	835.513	1057.088	1224.135	1275.926
75	493.122	648.109	879.755	1035.277	1093.354
80	287.842	479.052	708.539	863.611	916.706
85	124.785	334.885	559.304	709.030	761.184
90	46.941	229.508	441.803	577.950	628.993
95	39.713	158.152	347.950	473.449	517.243
100	35.635	102.980	269.281	383.789	424.610
105	31.340	62.275	200.756	304.884	342.219
110	26.298	34.956	140.936	233.678	266.479
115	23.120	25.572	90.026	169.897	199.370
120	19.767	22.208	51.359	113.659	139.365
125	15.847	19.219	24.107	67.480	86.562
130	13.049	16.428	16.329	32.469	45.391
135	10.637	13.817	13.891	14.875	15.843
140	8.959	11.582	12.007	13.537	10.762
145	7.838	10.083	11.632	12.407	9.256
150	7.275	9.516	10.696	11.278	8.878
155	7.274	9.329	10.319	10.339	7.556
160	8.395	9.514	10.319	10.151	7.748
165	9.141	10.822	10.319	10.151	8.312
170	10.258	11.563	10.319	10.151	8.690
175	11.191	11.942	10.319	9.963	9.068
180	10.000	10.000	10.000	10.000	10.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1083.77	N.A.	10.70
0-30	2298.68	N.A.	22.70
0-40	3766.92	N.A.	37.10
0-60	6757.71	N.A.	66.60
0-80	8860.87	N.A.	87.30
0-90	9428.84	N.A.	92.90
10-90	9148.14	N.A.	90.20
20-40	2683.15	N.A.	26.40
20-50	4226.51	N.A.	41.70
40-70	4203.9	N.A.	41.40
60-80	2103.16	N.A.	20.70
70-80	890.05	N.A.	8.80
80-90	567.97	N.A.	5.60
90-110	549.31	N.A.	5.40
90-120	649.95	N.A.	6.40
90-130	688.67	N.A.	6.80
90-150	707.78	N.A.	7.00
90-180	716.01	N.A.	7.10
110-180	166.70	N.A.	1.60
0-180	10144.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	280.70
10-20	803.08
20-30	1214.91
30-40	1468.24
40-50	1543.36
50-60	1447.42
60-70	1213.11
70-80	890.05
80-90	567.97
90-100	347.21
100-110	202.10
110-120	100.63
120-130	38.72
130-140	12.35
140-150	6.77
150-160	4.41
160-170	2.82
170-180	1.00

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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	87	84	86	83	80	81	79	76	74
2	95	86	78	72	92	83	76	71	79	73	68	74	69	65	70	66	63	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	57	53	50
4	79	66	57	50	76	64	56	49	61	53	48	58	51	46	55	49	45	42
5	72	59	49	43	70	57	49	42	54	47	41	52	45	40	49	43	39	36
6	67	53	44	37	64	52	43	37	49	41	36	47	40	35	44	38	34	32
7	62	48	39	33	60	47	38	32	44	37	31	42	36	31	40	35	30	28
8	57	44	35	29	55	43	34	29	41	33	28	39	32	27	37	31	27	25
9	54	40	32	26	52	39	31	26	37	30	25	36	29	25	34	28	24	22
10	50	37	29	23	49	36	28	23	35	28	23	33	27	22	32	26	22	20

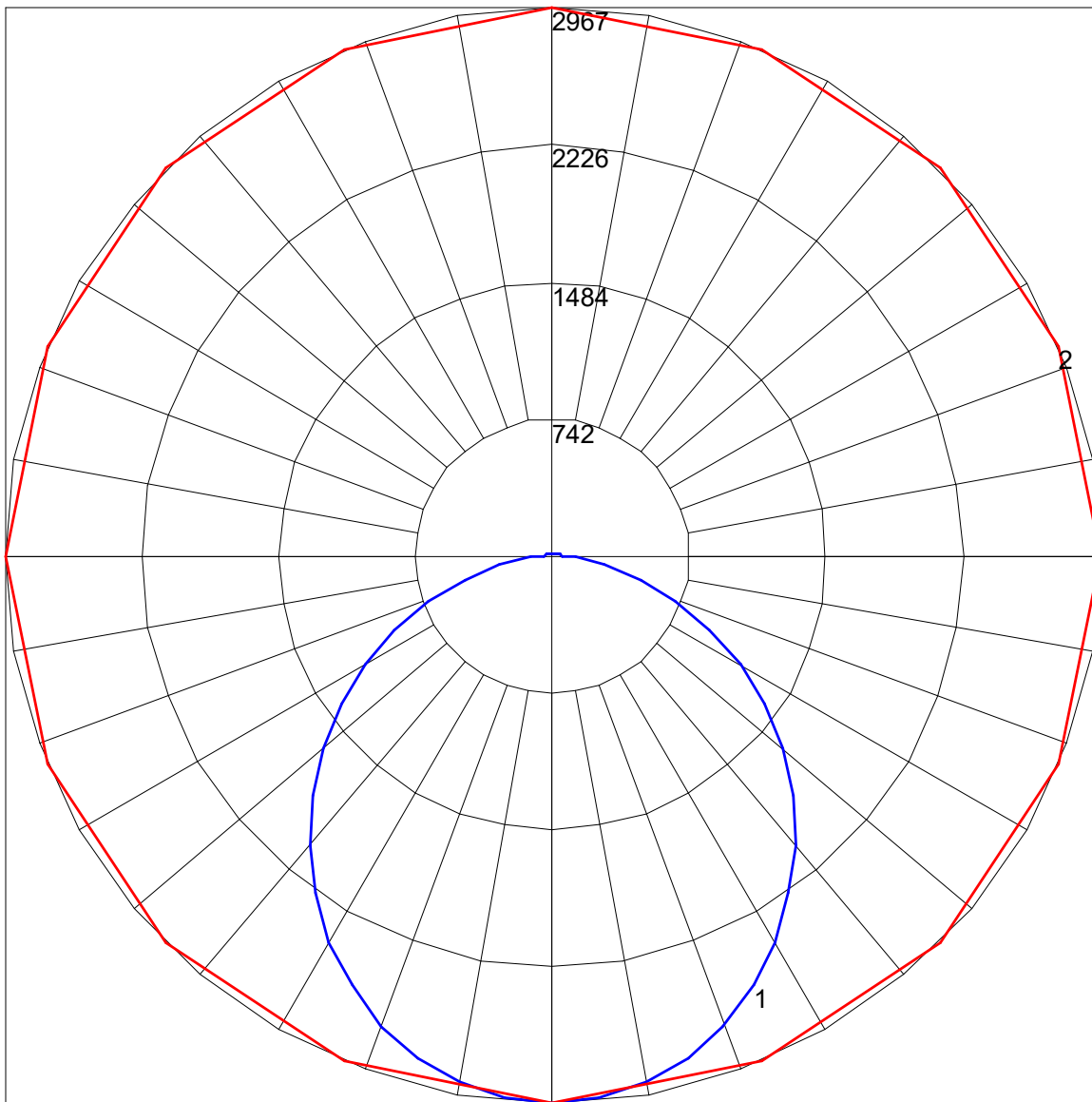
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UGR TABLE - CORRECTED

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	17.9	19.5	18.4	19.9	20.4	20.3	21.8	20.8	22.3	22.8
	3H	19.5	20.9	19.9	21.3	21.9	22.8	24.2	23.3	24.7	25.2
	4H	20.0	21.3	20.5	21.8	22.3	24.0	25.3	24.5	25.8	26.3
	6H	20.3	21.6	20.8	22.1	22.6	25.2	26.5	25.7	27.0	27.5
	8H	20.4	21.6	20.9	22.1	22.7	25.9	27.1	26.4	27.6	28.1
	12H	20.4	21.6	21.0	22.1	22.7	26.6	27.7	27.1	28.2	28.8
4H	2H	18.9	20.2	19.4	20.7	21.3	20.7	22.1	21.2	22.6	23.1
	3H	20.7	21.8	21.2	22.3	22.9	23.5	24.6	24.0	25.1	25.7
	4H	21.3	22.4	21.9	22.9	23.5	24.8	25.9	25.4	26.4	27.0
	6H	21.8	22.7	22.4	23.3	23.9	26.3	27.2	26.8	27.7	28.4
	8H	21.9	22.8	22.5	23.4	24.0	27.0	27.9	27.6	28.4	29.1
	12H	22.0	22.8	22.6	23.4	24.0	27.8	28.6	28.4	29.2	29.8
8H	4H	22.1	23.0	22.7	23.5	24.1	25.1	25.9	25.6	26.5	27.1
	6H	22.8	23.5	23.4	24.1	24.7	26.7	27.4	27.3	28.0	28.6
	8H	23.0	23.7	23.6	24.3	24.9	27.5	28.2	28.1	28.8	29.5
	12H	23.2	23.8	23.8	24.4	25.1	28.6	29.2	29.2	29.8	30.5
12H	4H	22.3	23.1	22.9	23.7	24.3	25.1	25.9	25.6	26.5	27.1
	6H	23.1	23.8	23.7	24.3	25.0	26.7	27.4	27.3	28.0	28.7
	8H	23.4	24.0	24.0	24.6	25.3	27.7	28.3	28.3	28.9	29.6

Maximum UGR = 30.5

POLAR GRAPH



Maximum Candela = 2967.373 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.)