

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-65W-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-65W-35K

[LUMINAIRE] BS3C-8-PS3-3C-M-65W-35K

[LAMP] 9815 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	9815
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	151
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	10623	9494	9575
55	9861	8771	9039
65	8897	8083	8482
75	7360	7481	7927
85	4861	7222	7751

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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	2926.950	2926.950	2926.950	2926.950	2926.950
5	2911.984	2909.903	2911.464	2911.464	2910.033
10	2867.610	2862.664	2874.507	2873.596	2872.164
15	2790.700	2788.879	2802.543	2812.954	2814.515
20	2682.170	2686.334	2706.895	2727.716	2733.964
25	2542.927	2555.681	2589.125	2622.309	2632.589
30	2385.077	2402.254	2451.704	2497.901	2517.421
35	2205.232	2228.136	2293.594	2362.303	2388.460
40	2009.513	2042.046	2123.639	2213.821	2245.574
45	1803.512	1839.299	1943.536	2052.197	2086.812
50	1588.273	1631.347	1761.219	1887.058	1925.837
55	1365.354	1418.710	1569.403	1711.509	1756.014
60	1141.644	1208.207	1380.059	1529.973	1577.602
65	915.693	999.447	1193.891	1349.348	1396.717
70	691.071	801.241	1011.198	1165.744	1212.110
75	473.007	618.002	837.887	980.811	1031.082
80	274.189	453.566	669.807	814.411	860.022
85	114.977	313.867	526.348	662.364	709.381
90	39.593	213.730	413.185	538.217	583.138
95	34.085	147.155	324.408	439.238	476.949
100	30.502	95.560	251.079	356.902	391.974
105	27.686	56.717	187.157	283.078	315.924
110	24.191	32.159	132.189	217.283	247.226
115	21.602	23.490	85.077	158.801	186.103
120	18.901	21.015	48.469	107.367	130.979
125	15.769	18.888	23.590	64.868	82.453
130	13.288	16.646	16.373	32.313	44.436
135	11.479	14.844	14.577	15.727	17.476
140	10.244	13.268	13.441	14.467	12.380
145	9.451	12.029	12.987	13.340	11.346
150	8.887	11.465	12.085	12.431	10.789
155	8.888	11.240	11.857	11.866	9.425
160	10.124	11.801	11.857	11.753	9.539
165	11.478	12.364	11.858	11.640	9.994
170	12.591	13.591	12.196	11.527	9.994
175	13.052	14.163	12.196	10.849	9.994
180	12.000	12.000	12.000	12.000	12.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1067.07	N.A.	10.90
0-30	2260.27	N.A.	23.00
0-40	3696.93	N.A.	37.70
0-60	6600.46	N.A.	67.20
0-80	8611.2	N.A.	87.70
0-90	9143.57	N.A.	93.20
10-90	8866.97	N.A.	90.30
20-40	2629.86	N.A.	26.80
20-50	4132.28	N.A.	42.10
40-70	4068.24	N.A.	41.40
60-80	2010.74	N.A.	20.50
70-80	846.03	N.A.	8.60
80-90	532.37	N.A.	5.40
90-110	509.68	N.A.	5.20
90-120	603.79	N.A.	6.20
90-130	641.01	N.A.	6.50
90-150	661.67	N.A.	6.70
90-180	671.32	N.A.	6.80
110-180	161.64	N.A.	1.60
0-180	9814.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	276.60
10-20	790.47
20-30	1193.2
30-40	1436.66
40-50	1502.42
50-60	1401.11
60-70	1164.71
70-80	846.03
80-90	532.37
90-100	322.28
100-110	187.40
110-120	94.11
120-130	37.22
130-140	12.96
140-150	7.70
150-160	5.19
160-170	3.30
170-180	1.16

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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

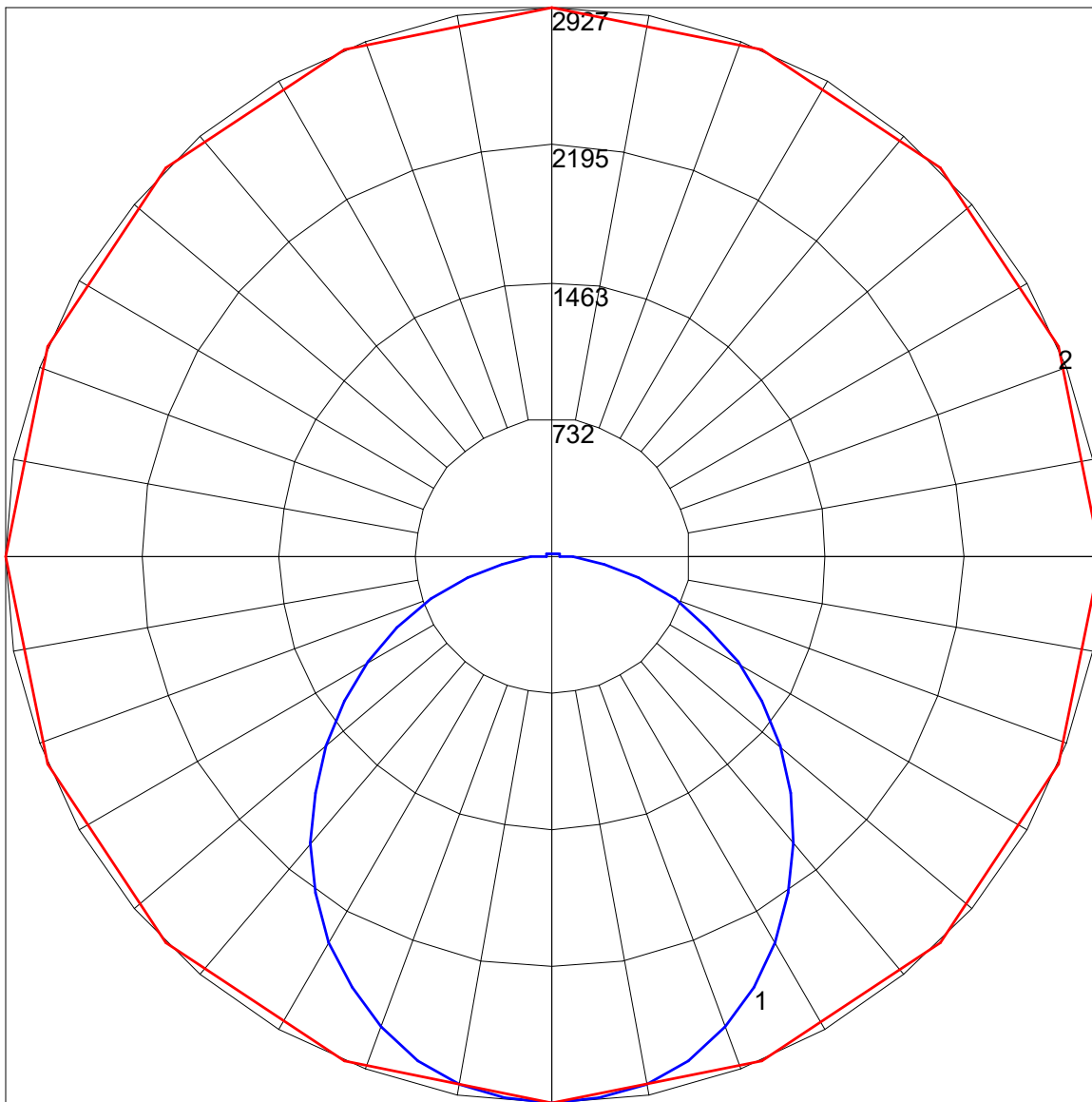
Reflectances

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	17.8	19.4	18.3	19.8	20.3	20.2	21.7	20.6	22.2	22.6
	3H	19.4	20.8	19.8	21.2	21.8	22.6	24.0	23.1	24.5	25.0
	4H	19.9	21.2	20.4	21.7	22.2	23.8	25.1	24.3	25.6	26.1
	6H	20.2	21.4	20.7	21.9	22.5	25.0	26.2	25.5	26.7	27.3
	8H	20.3	21.5	20.8	22.0	22.5	25.6	26.8	26.2	27.3	27.9
	12H	20.3	21.4	20.8	22.0	22.5	26.3	27.5	26.8	28.0	28.6
4H	2H	18.8	20.1	19.3	20.6	21.1	20.6	21.9	21.1	22.4	23.0
	3H	20.6	21.7	21.1	22.2	22.8	23.3	24.4	23.8	25.0	25.5
	4H	21.2	22.2	21.7	22.8	23.4	24.6	25.7	25.2	26.2	26.8
	6H	21.7	22.6	22.2	23.1	23.8	26.0	26.9	26.6	27.5	28.1
	8H	21.8	22.7	22.4	23.2	23.8	26.8	27.6	27.3	28.2	28.8
	12H	21.9	22.7	22.5	23.2	23.9	27.6	28.4	28.2	28.9	29.6
8H	4H	22.0	22.8	22.5	23.4	24.0	24.9	25.7	25.4	26.3	26.9
	6H	22.6	23.3	23.2	23.9	24.6	26.4	27.2	27.0	27.8	28.4
	8H	22.8	23.5	23.5	24.1	24.8	27.3	28.0	27.9	28.6	29.2
	12H	23.0	23.6	23.6	24.2	24.9	28.3	28.9	28.9	29.5	30.2
12H	4H	22.2	22.9	22.7	23.5	24.2	24.9	25.7	25.5	26.3	26.9
	6H	22.9	23.6	23.5	24.2	24.9	26.5	27.2	27.1	27.7	28.4
	8H	23.3	23.8	23.9	24.5	25.2	27.4	28.0	28.0	28.6	29.3

Maximum UGR = 30.2

POLAR GRAPH



Maximum Candela = 2926.95 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.)