

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BS3C-8-PS3-3C-M-75W-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-75W-40K

[LUMINAIRE] BS3C-8-PS3-3C-M-75W-40K

[LAMP] 11686 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	11686
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	156
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	12647	11303	11400
55	11741	10443	10762
65	10593	9623	10099
75	8763	8907	9438
85	5787	8598	9228

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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>
<b>0</b>	3484.814	3484.814	3484.814	3484.814	3484.814
<b>5</b>	3466.996	3464.518	3466.377	3466.377	3464.673
<b>10</b>	3414.164	3408.276	3422.375	3421.291	3419.586
<b>15</b>	3322.596	3320.428	3336.696	3349.090	3350.950
<b>20</b>	3193.380	3198.338	3222.818	3247.607	3255.045
<b>25</b>	3027.598	3042.783	3082.601	3122.110	3134.349
<b>30</b>	2839.662	2860.114	2918.989	2973.991	2997.231
<b>35</b>	2625.540	2652.809	2730.743	2812.548	2843.690
<b>40</b>	2392.518	2431.251	2528.396	2635.766	2673.571
<b>45</b>	2147.254	2189.862	2313.966	2443.337	2484.550
<b>50</b>	1890.990	1942.275	2096.899	2246.723	2292.894
<b>55</b>	1625.584	1689.110	1868.525	2037.715	2090.702
<b>60</b>	1359.236	1438.486	1643.093	1821.579	1878.286
<b>65</b>	1090.221	1189.938	1421.442	1606.528	1662.925
<b>70</b>	822.786	953.954	1203.928	1387.929	1443.133
<b>75</b>	563.161	735.790	997.585	1167.750	1227.602
<b>80</b>	326.449	540.014	797.470	969.635	1023.939
<b>85</b>	136.892	373.689	626.668	788.607	844.586
<b>90</b>	47.139	254.466	491.936	640.799	694.282
<b>95</b>	40.582	175.202	386.239	522.955	567.854
<b>100</b>	36.315	113.773	298.933	424.926	466.682
<b>105</b>	32.963	67.527	222.828	337.031	376.137
<b>110</b>	28.802	38.288	157.384	258.697	294.347
<b>115</b>	25.719	27.967	101.293	189.068	221.573
<b>120</b>	22.503	25.020	57.707	127.831	155.943
<b>125</b>	18.774	22.488	28.086	77.231	98.168
<b>130</b>	15.820	19.818	19.494	38.471	52.905
<b>135</b>	13.667	17.673	17.355	18.724	20.806
<b>140</b>	12.196	15.797	16.002	17.225	14.739
<b>145</b>	11.252	14.322	15.462	15.883	13.508
<b>150</b>	10.580	13.651	14.389	14.801	12.845
<b>155</b>	10.581	13.382	14.117	14.127	11.221
<b>160</b>	12.054	14.050	14.117	13.993	11.357
<b>165</b>	13.666	14.720	14.118	13.859	11.899
<b>170</b>	14.991	16.181	14.521	13.724	11.899
<b>175</b>	15.539	16.862	14.521	12.916	11.899
<b>180</b>	14.000	14.000	14.000	14.000	14.000

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1270.45	N.A.	10.90
0-30	2691.07	N.A.	23.00
0-40	4401.55	N.A.	37.70
0-60	7858.48	N.A.	67.20
0-80	10252.46	N.A.	87.70
0-90	10886.29	N.A.	93.20
10-90	10556.98	N.A.	90.30
20-40	3131.1	N.A.	26.80
20-50	4919.87	N.A.	42.10
40-70	4843.63	N.A.	41.40
60-80	2393.97	N.A.	20.50
70-80	1007.28	N.A.	8.60
80-90	633.84	N.A.	5.40
90-110	606.82	N.A.	5.20
90-120	718.87	N.A.	6.20
90-130	763.18	N.A.	6.50
90-150	787.78	N.A.	6.70
90-180	799.27	N.A.	6.80
110-180	192.45	N.A.	1.60
0-180	11685.56	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	329.32
10-20	941.13
20-30	1420.62
30-40	1710.48
40-50	1788.78
50-60	1668.16
60-70	1386.69
70-80	1007.28
80-90	633.84
90-100	383.70
100-110	223.12
110-120	112.05
120-130	44.31
130-140	15.43
140-150	9.17
150-160	6.18
160-170	3.93
170-180	1.38

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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

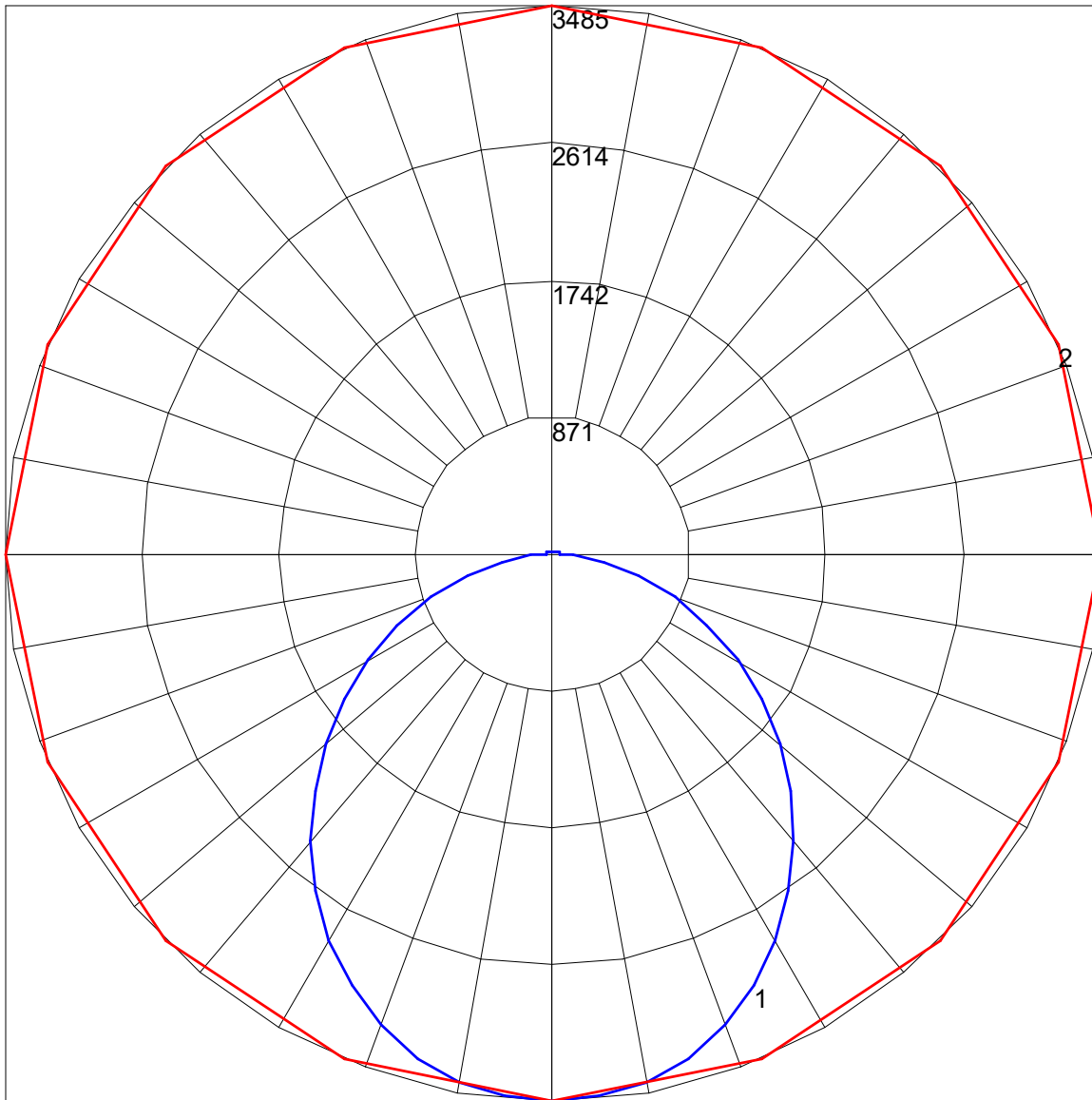
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**UGR TABLE - CORRECTED**

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	18.4	20.0	18.9	20.4	20.9	20.8	22.3	21.2	22.8	23.2
	3H	20.0	21.4	20.4	21.8	22.4	23.2	24.6	23.7	25.1	25.6
	4H	20.5	21.8	21.0	22.3	22.8	24.4	25.7	24.9	26.2	26.7
	6H	20.8	22.0	21.3	22.5	23.1	25.6	26.8	26.1	27.3	27.9
	8H	20.9	22.1	21.4	22.6	23.1	26.2	27.4	26.8	27.9	28.5
	12H	20.9	22.0	21.4	22.6	23.2	26.9	28.1	27.4	28.6	29.2
4H	2H	19.4	20.7	19.9	21.2	21.7	21.2	22.5	21.7	23.0	23.6
	3H	21.2	22.3	21.7	22.8	23.4	23.9	25.0	24.4	25.6	26.1
	4H	21.8	22.8	22.3	23.4	24.0	25.2	26.3	25.8	26.8	27.4
	6H	22.3	23.2	22.8	23.7	24.4	26.6	27.5	27.2	28.1	28.7
	8H	22.4	23.3	23.0	23.8	24.4	27.4	28.2	27.9	28.8	29.4
	12H	22.5	23.3	23.1	23.8	24.5	28.2	29.0	28.8	29.6	30.2
8H	4H	22.6	23.4	23.1	24.0	24.6	25.5	26.3	26.0	26.9	27.5
	6H	23.2	23.9	23.8	24.5	25.2	27.0	27.8	27.6	28.4	29.0
	8H	23.4	24.1	24.1	24.7	25.4	27.9	28.6	28.5	29.2	29.8
	12H	23.6	24.2	24.2	24.8	25.5	28.9	29.5	29.5	30.1	30.8
12H	4H	22.8	23.5	23.3	24.1	24.8	25.5	26.3	26.1	26.9	27.5
	6H	23.5	24.2	24.1	24.8	25.5	27.1	27.8	27.7	28.3	29.0
	8H	23.9	24.4	24.5	25.1	25.8	28.0	28.6	28.6	29.2	29.9

Maximum UGR = 30.8

POLAR GRAPH



Maximum Candela = 3484.814 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.)