

BSS532-4-35-ND-1-R-R-C4-SN-AW

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 12940210-12940210.01 AND .02 COMBINED.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12940210.01 and 12940210.02
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 7/11/2019
[MANUFAC] BARTCO LIGHTING INC
[LUMCAT] BSS532-4-35-ND-1-R-R-C4-SN-WH.
[LUMINAIRE] Direct Indirect White metal housing and diffuse lenses
[LAMP] 192 LEDS
[BALLAST] PHILLIPS XI040C110V054BST1
[OTHER] 24.5 C, 120.17 V, 0.242966 A, 57.8346 W, 0.994782 PF, 59.989 H
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5749
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	57.8346
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	388.46	N.A.	6.80
0-30	816.86	N.A.	14.20
0-40	1316.94	N.A.	22.90
0-60	2231.53	N.A.	38.80
0-80	2740.1	N.A.	47.70
0-90	2850.29	N.A.	49.60
10-90	2749.34	N.A.	47.80
20-40	928.47	N.A.	16.20
20-50	1422.28	N.A.	24.70
40-70	1224.85	N.A.	21.30
60-80	508.57	N.A.	8.80
70-80	198.31	N.A.	3.40
80-90	110.19	N.A.	1.90
90-110	336.01	N.A.	5.80
90-120	651.29	N.A.	11.30
90-130	1072.67	N.A.	18.70
90-150	2068.93	N.A.	36.00
90-180	2898.61	N.A.	50.40
110-180	2562.6	N.A.	44.60
0-180	5748.9	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	100.95
10-20	287.52
20-30	428.39
30-40	500.08
40-50	493.81
50-60	420.78
60-70	310.27
70-80	198.31
80-90	110.19
90-100	128.92
100-110	207.09
110-120	315.28
120-130	421.39
130-140	493.97
140-150	502.29
150-160	433.28
160-170	293.02
170-180	103.38

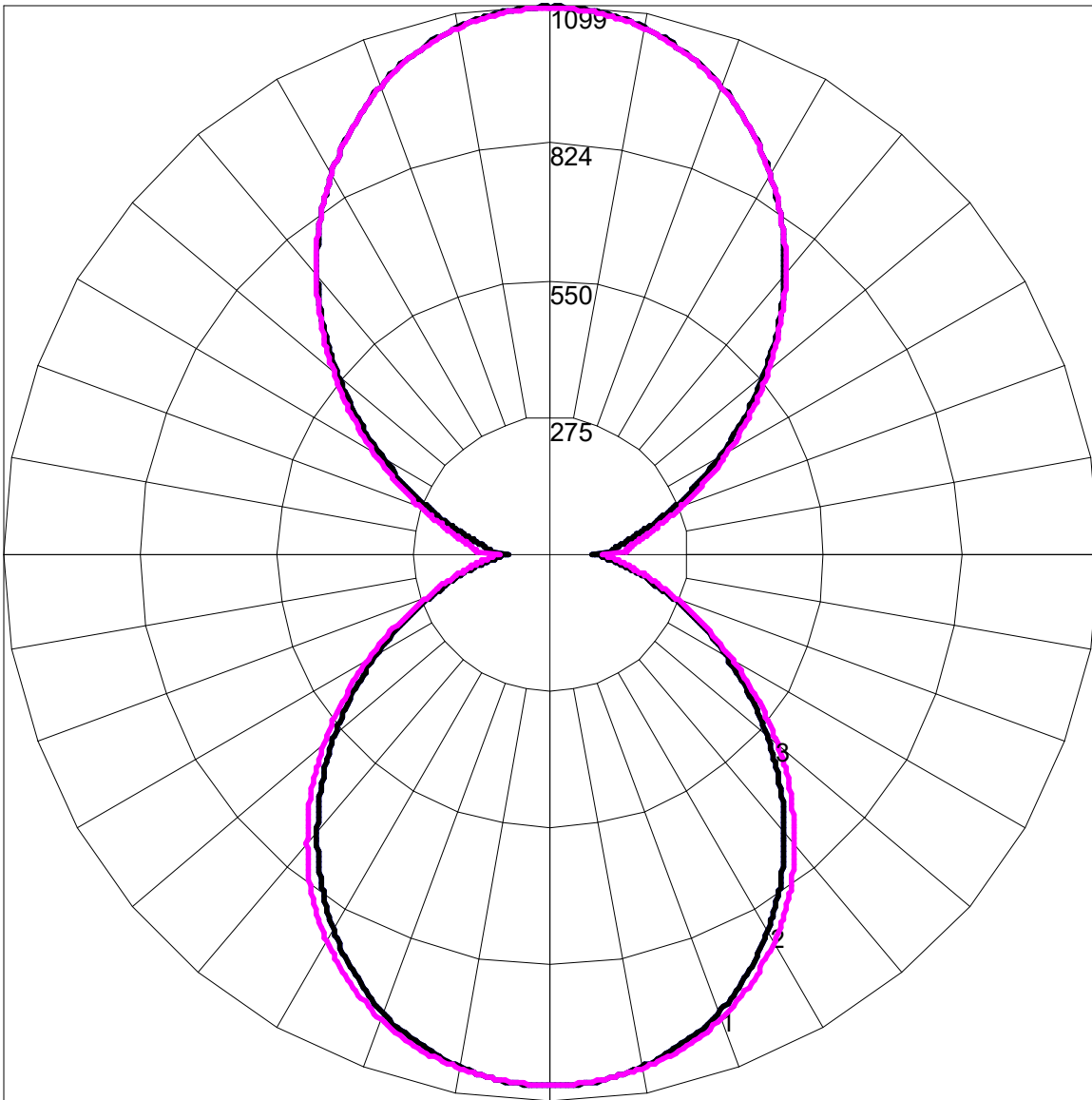
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	97	93	89	85	89	86	82	79	72	70	67	60	58	57	49	47	46	41
2	89	81	75	69	81	75	69	65	63	59	56	53	50	47	43	41	39	34
3	81	71	64	58	74	66	59	54	56	51	47	46	43	40	38	35	33	29
4	74	63	55	49	68	58	51	46	50	44	40	41	37	34	34	31	28	25
5	68	56	48	42	62	52	45	39	44	39	34	37	33	30	31	27	25	22
6	62	50	42	36	57	47	39	34	40	34	30	34	29	26	28	24	22	19
7	58	45	37	32	53	42	35	30	36	31	26	31	26	23	25	22	19	17
8	54	41	33	28	49	38	31	27	33	27	23	28	24	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	26	21	18	21	18	16	14
10	47	35	27	22	43	32	26	21	28	23	19	24	20	17	20	17	14	12

POLAR GRAPH



Maximum Candela = 1099 Located At Horizontal Angle = 45, Vertical Angle = 179
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (45 - 225)
3 - Vertical Plane Through Horizontal Angles (90 - 270)