



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 135DEG ROTATION\_13212570-13212570.01C.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] 13212570.01C  
[TESTLAB] UL Verification Services Inc.  
[ISSUEDATE] 3/20/2020  
[MANUFAC] BARTCO LIGHTING INC  
[LUMCAT] BSS110-4-35-ND-R-A  
[LUMINAIRE] White rectangular metal housing with diffuse plastic lens  
[LAMP] White LED array  
[BALLAST] One (1) Philips Advance XI040C110V054BST1  
[OTHER] 24.7 C, 120.114 V, 0.240493 A, 28.7325 W, 0.99467 PF, 59.989 H  
[OTHER] This test was performed using the calibrated photodetector met  
[MORE] hod of absolute photometry.  
[ CONVERT] Luminaire test position and photometric web converted from original test data  
[ CONVERT] Photometry is rotated 135 degrees from nadir,  
[ CONVERT] corresponding to a 45 degree rotation above horizontal

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2477
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	28.7325
Ballast Factor	1.00
CIE Type	Semi-Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.08 ft
Luminous Width (90-270)	3.75 ft
Luminous Height	0.08 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2680	1810	67
55	5277	2685	105
65	6770	5107	125
75	7620	7495	222
85	14460	13775	633

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**ZONAL LUMEN SUMMARY**

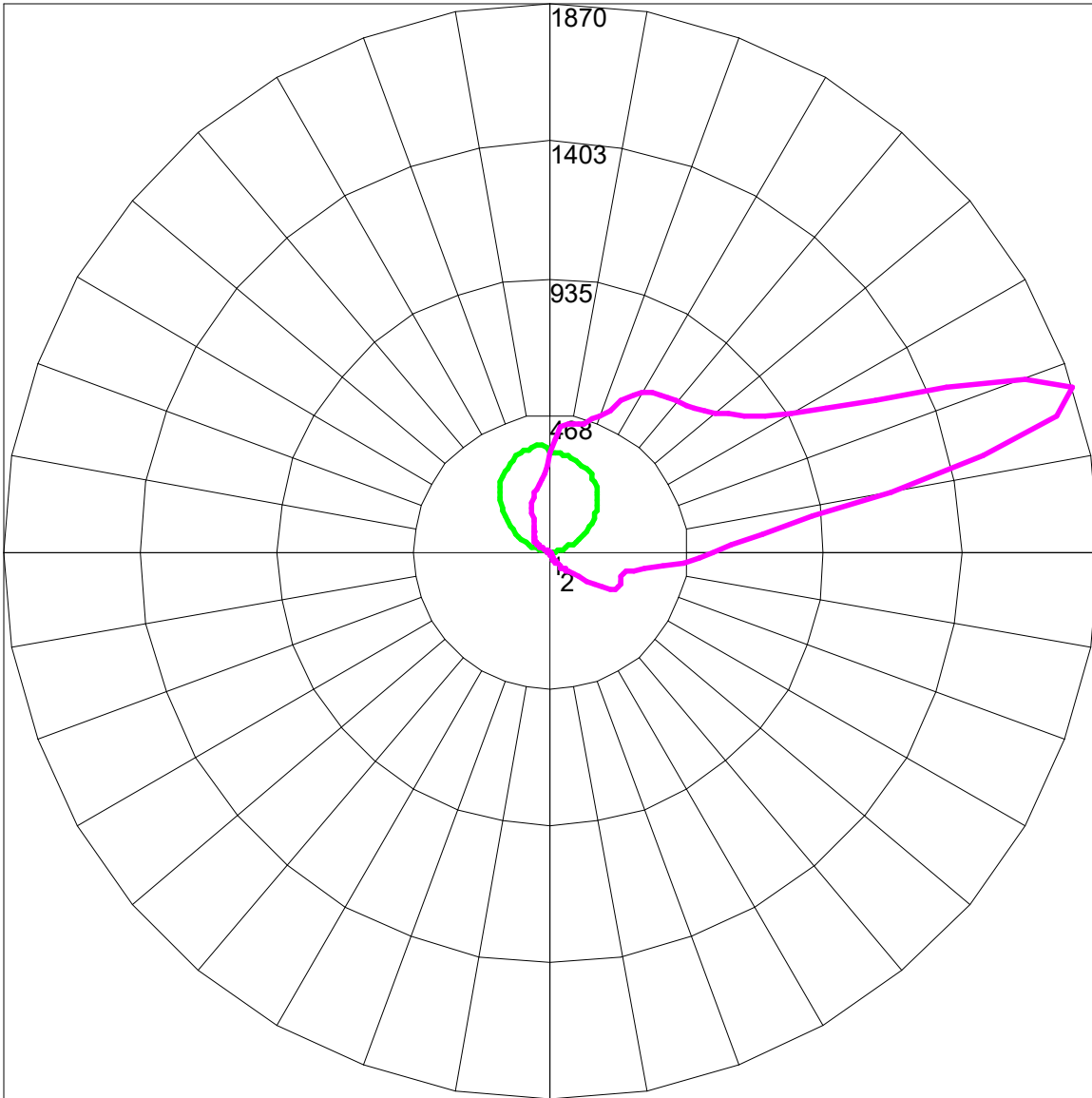
Zone	Lumens	%Lamp	%Fixt
0-20	2.87	N.A.	0.10
0-30	9.35	N.A.	0.40
0-40	22.92	N.A.	0.90
0-60	95.21	N.A.	3.80
0-80	264.50	N.A.	10.70
0-90	417.90	N.A.	16.90
10-90	417.47	N.A.	16.90
20-40	20.06	N.A.	0.80
20-50	44.77	N.A.	1.80
40-70	146.32	N.A.	5.90
60-80	169.28	N.A.	6.80
70-80	95.25	N.A.	3.80
80-90	153.41	N.A.	6.20
90-110	732.22	N.A.	29.60
90-120	1071.65	N.A.	43.30
90-130	1336.79	N.A.	54.00
90-150	1776.12	N.A.	71.70
90-180	2058.61	N.A.	83.10
110-180	1326.38	N.A.	53.60
0-180	2476.51	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	0.43
10-20	2.43
20-30	6.48
30-40	13.58
40-50	24.71
50-60	47.58
60-70	74.03
70-80	95.25
80-90	153.41
90-100	281.21
100-110	451.02
110-120	339.43
120-130	265.14
130-140	236.20
140-150	203.13
150-160	153.39
160-170	95.77
170-180	33.33

POLAR GRAPH



Maximum Candela = 1870.1 Located At Horizontal Angle = 0, Vertical Angle = 107.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)