



IES INDOOR REPORT
PHOTOMETRIC FILENAME : REGULAR FLAT + BATWING .03 +13542729-13542729.04.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13542729.04 + .03
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 10/20/2020
 [MANUFAC] BARTCO LIGHTING INC
 [LUMCAT] GRM30-4-35-ND-2-R-R-2-A-C4-SN-AW
 [LUMINAIRE] White rectangular metal housing with diffuse plastic lens
 [LAMP] 112 White LEDs
 [BALLAST] Signify North America / XI020C056V054BST2
 [OTHER] 25.5 C, 120.076 V, 0.171536 A, 20.5115 W, 0.995836 PF, 59.9891
 [MORE] Hz
 [OTHER] This test was performed using the calibrated photodetector method of absolute photometry.
 [MORE] hod of absolute photometry.
 [OTHER] Combined Flat Lens and Batwing Indirect, 40.02W

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4110
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	40.02
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	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9926	9835	9653
55	9262	9206	9038
65	8571	8533	8380
75	7775	7651	7526
85	7019	6650	6465

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ZONAL LUMEN SUMMARY

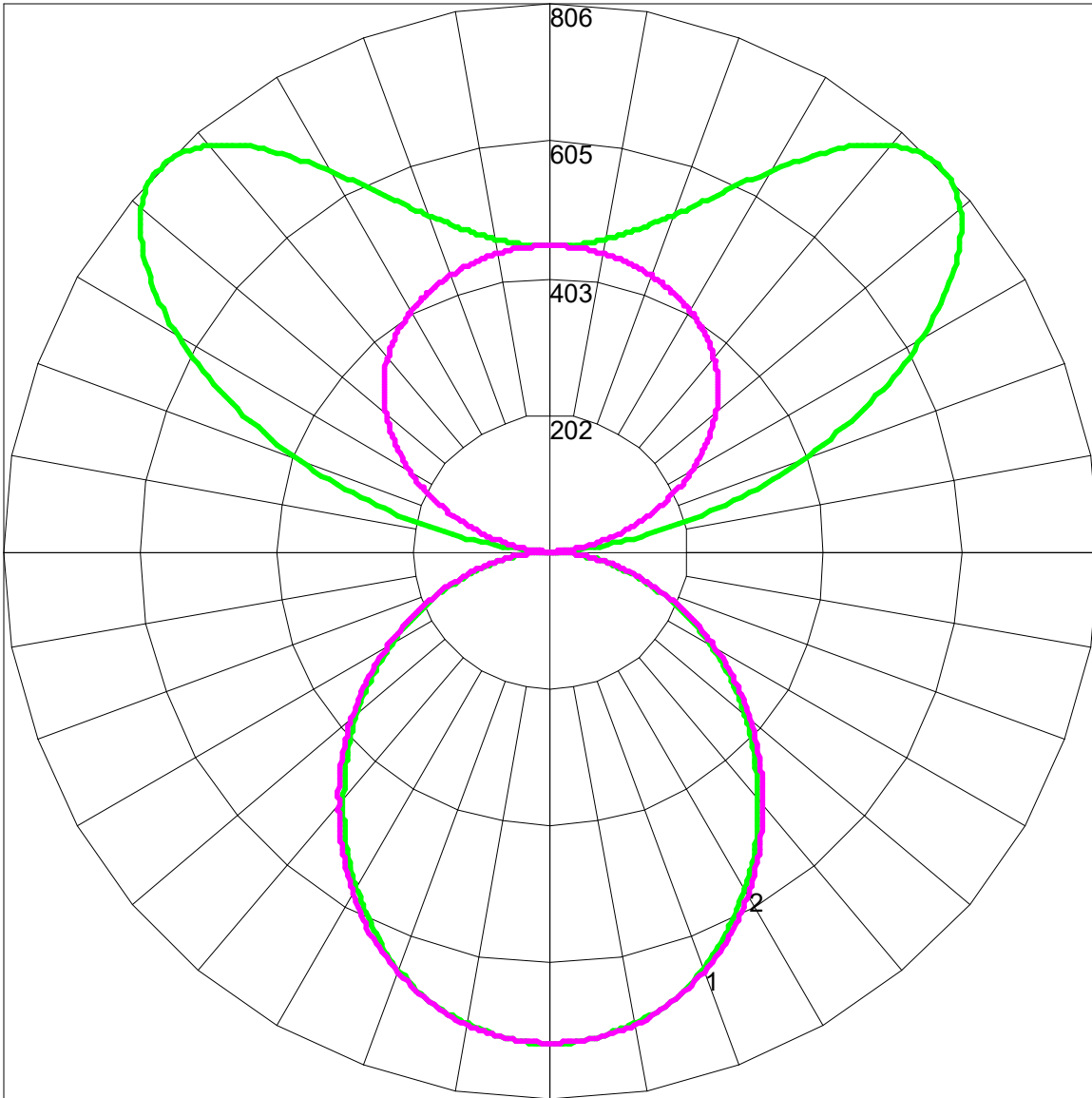
Zone	Lumens	%Lamp	%Fixt
0-20	261.89	N.A.	6.40
0-30	547.71	N.A.	13.30
0-40	880.13	N.A.	21.40
0-60	1505.56	N.A.	36.60
0-80	1857.23	N.A.	45.20
0-90	1897.8	N.A.	46.20
10-90	1829.47	N.A.	44.50
20-40	618.24	N.A.	15.00
20-50	950.95	N.A.	23.10
40-70	846.47	N.A.	20.60
60-80	351.67	N.A.	8.60
70-80	130.63	N.A.	3.20
80-90	40.57	N.A.	1.00
90-110	254.05	N.A.	6.20
90-120	613.18	N.A.	14.90
90-130	1050.5	N.A.	25.60
90-150	1807.49	N.A.	44.00
90-180	2211.76	N.A.	53.80
110-180	1957.71	N.A.	47.60
0-180	4109.56	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	68.33
10-20	193.56
20-30	285.82
30-40	332.42
40-50	332.71
50-60	292.72
60-70	221.04
70-80	130.63
80-90	40.57
90-100	47.10
100-110	206.95
110-120	359.13
120-130	437.32
130-140	422.39
140-150	334.60
150-160	228.64
160-170	132.33
170-180	43.30

POLAR GRAPH



Maximum Candela = 806 Located At Horizontal Angle = 90, Vertical Angle = 133.5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)