



IES INDOOR REPORT
PHOTOMETRIC FILENAME : REGULAR FLAT+LAM .04 +13542729-13542729.01.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13542729.01 MOD
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 10/20/2020
 [MANUFAC] BARTCO LIGHTING INC
 [LUMCAT] GRM30-4-35-ND-2-R-R-1A-C4-SN-AW
 [LUMINAIRE] White rectangular metal housing with diffuse plastic lens
 [LAMP] 112 White LEDs
 [BALLAST] Signify North America / XI020C056V054BST2
 [OTHER] 25.8 C, 120.14 V, 0.171633 A, 20.5302 W, 0.995651 PF, 59.9892
 [MORE] Hz
 [OTHER] This test was performed using the calibrated photodetector method of absolute photometry.
 [MORE] hod of absolute photometry.
 [OTHER] Scaled for Regular Output, 2016lm, 15.7W
 [OTHER] Programmable Driver 326mA

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3914
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	36.21
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

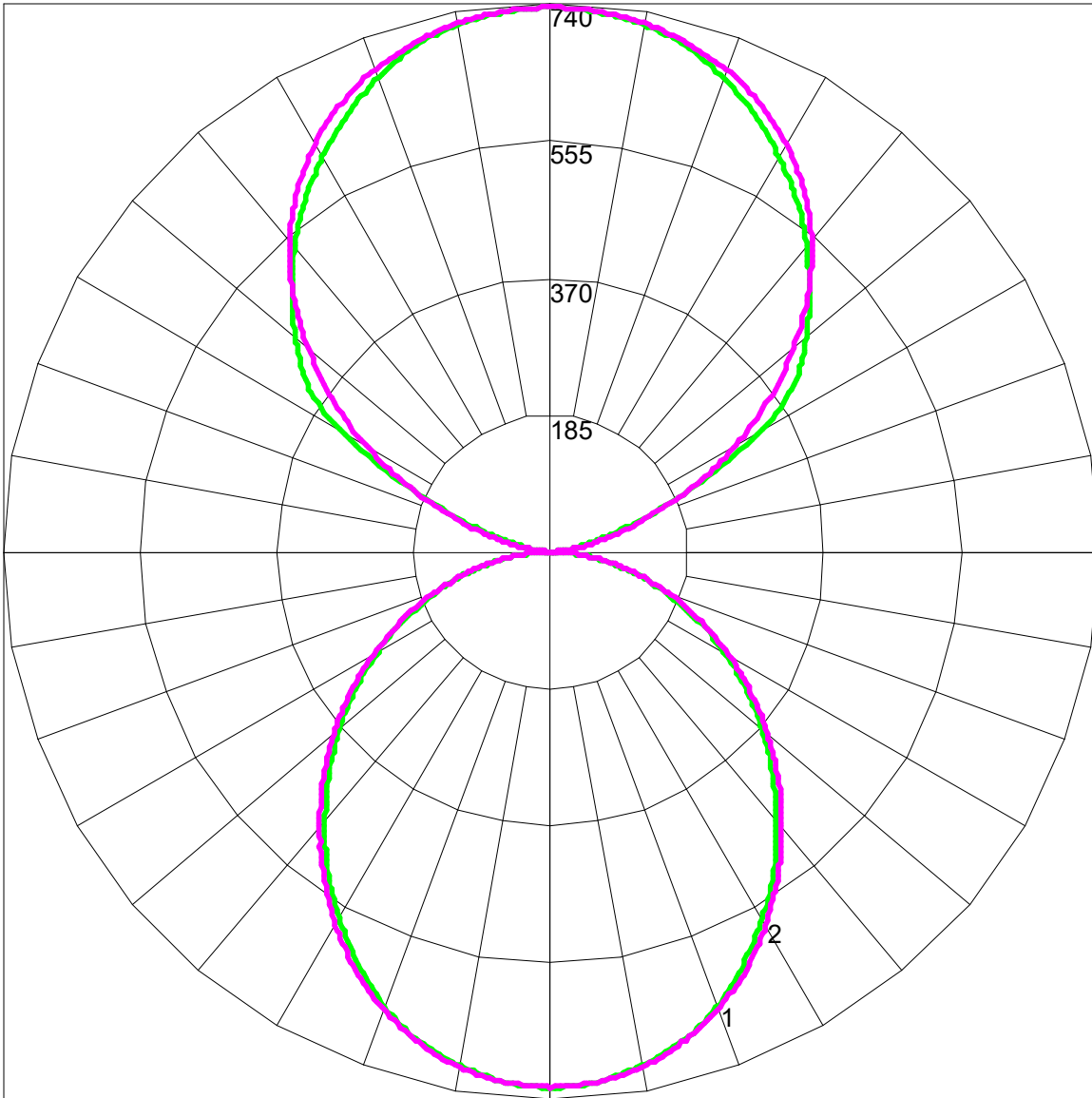
Zone	Lumens	%Lamp	%Fixt
0-20	261.89	N.A.	6.70
0-30	547.71	N.A.	14.00
0-40	880.13	N.A.	22.50
0-60	1505.56	N.A.	38.50
0-80	1857.23	N.A.	47.50
0-90	1897.8	N.A.	48.50
10-90	1829.47	N.A.	46.70
20-40	618.24	N.A.	15.80
20-50	950.95	N.A.	24.30
40-70	846.47	N.A.	21.60
60-80	351.67	N.A.	9.00
70-80	130.63	N.A.	3.30
80-90	40.57	N.A.	1.00
90-110	117.82	N.A.	3.00
90-120	349.23	N.A.	8.90
90-130	688.89	N.A.	17.60
90-150	1439.6	N.A.	36.80
90-180	2015.99	N.A.	51.50
110-180	1898.17	N.A.	48.50
0-180	3913.79	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	19.08
100-110	98.75
110-120	231.41
120-130	339.66
130-140	381.48
140-150	369.23
150-160	305.63
160-170	200.91
170-180	69.85

POLAR GRAPH



Maximum Candela = 740 Located At Horizontal Angle = 67.5, Vertical Angle = 179.5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)