



IES INDOOR REPORT
PHOTOMETRIC FILENAME : HL2-4-35-NA-RA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13521207.03
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 10/1/2020
 [MANUFAC] BARTCO LIGHTING INC
 [LUMCAT] HL2-8-4-DB-1-AW-1-35-ND-NA-RA-C4-03
 [LUMINAIRE] White rectangular metal housing with diffuse plastic lens
 [LAMP] 112 White LEDs
 [BALLAST] One (1) ADVANCE XI075C200V054BST1
 [OTHER] 25.5 C, 119.974 V, 0.248812 A, 29.4068 W, 0.985123 PF, 59.9888
 [MORE] Hz
 [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	2435
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	29.4068
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.04 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13926	11533	10002
55	13091	9537	7360
65	12156	6728	4269
75	11127	2861	841
85	9747	373	215

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ZONAL LUMEN SUMMARY

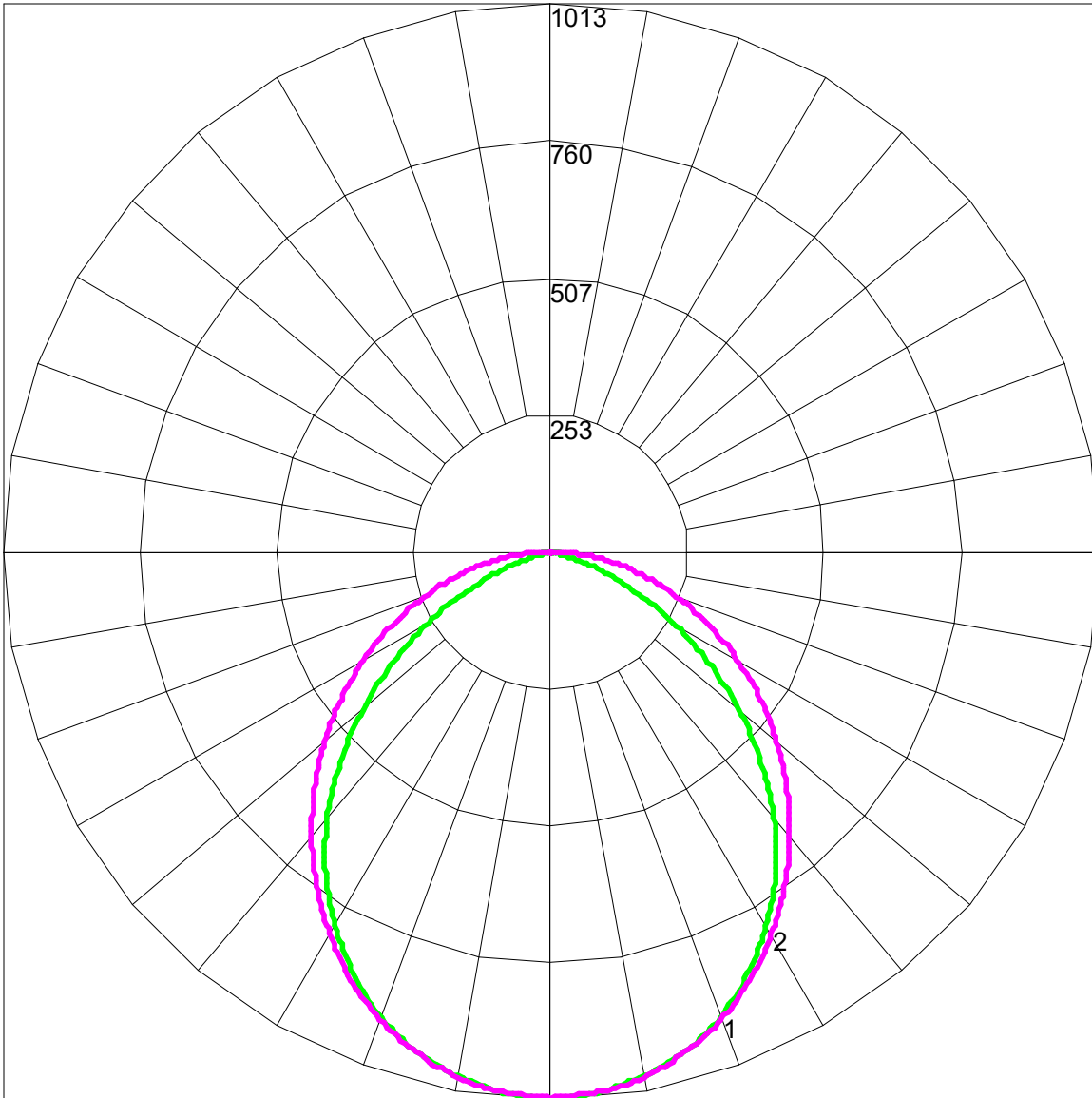
Zone	Lumens	%Lamp	%Fixt
0-20	365.76	N.A.	15.00
0-30	766.14	N.A.	31.50
0-40	1230.99	N.A.	50.60
0-60	2065.5	N.A.	84.80
0-80	2415.98	N.A.	99.20
0-90	2434.25	N.A.	100.00
10-90	2338.9	N.A.	96.10
20-40	865.23	N.A.	35.50
20-50	1321.79	N.A.	54.30
40-70	1082.62	N.A.	44.50
60-80	350.48	N.A.	14.40
70-80	102.37	N.A.	4.20
80-90	18.27	N.A.	0.80
90-110	0.30	N.A.	0.00
90-120	0.30	N.A.	0.00
90-130	0.30	N.A.	0.00
90-150	0.30	N.A.	0.00
90-180	0.30	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2434.55	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	95.35
10-20	270.41
20-30	400.38
30-40	464.85
40-50	456.55
50-60	377.96
60-70	248.11
70-80	102.37
80-90	18.27
90-100	0.30
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

POLAR GRAPH



Maximum Candela = 1013 Located At Horizontal Angle = 67.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)