

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : COMH-12-L327.IES

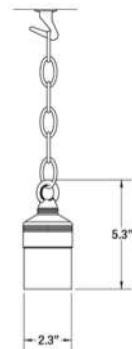
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3332
[TESTLAB] Labsphere
[ISSUEDATE] 8/21/2019 12:22:31 PM
[MANUFAC] TORO
[LUMINAIRE] COMH-12-L327
[LAMP] LED-3W-CM6FL27K
[AMBIENT] 21.8 deg C
[POWERFACTOR] 0.5657
[ATHD] 0.00%
[CURRENT] 0.55
[VOLTAGE] 12.04
[Lumens] 297.58
[END VOLTS] 12.04
[END CURRENT] 0.53
[END POWER] 3.62

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	740.66
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	32.3
Vertical Beam Angle (50%)	35.5
Horizontal Field Angle (10%)	61.4
Vertical Field Angle (10%)	64.1
Lumens Per Lamp	200 (1 lamp)
Total Lamp Lumens	200
Beam Lumens	140
Beam Efficiency	70 %
Field Lumens	259
Field Efficiency	129 %
Spill Lumens	40
Luminaire Lumens	298
Total Efficiency	149 %
Total Luminaire Watts	3.73
Ballast Factor	1.00

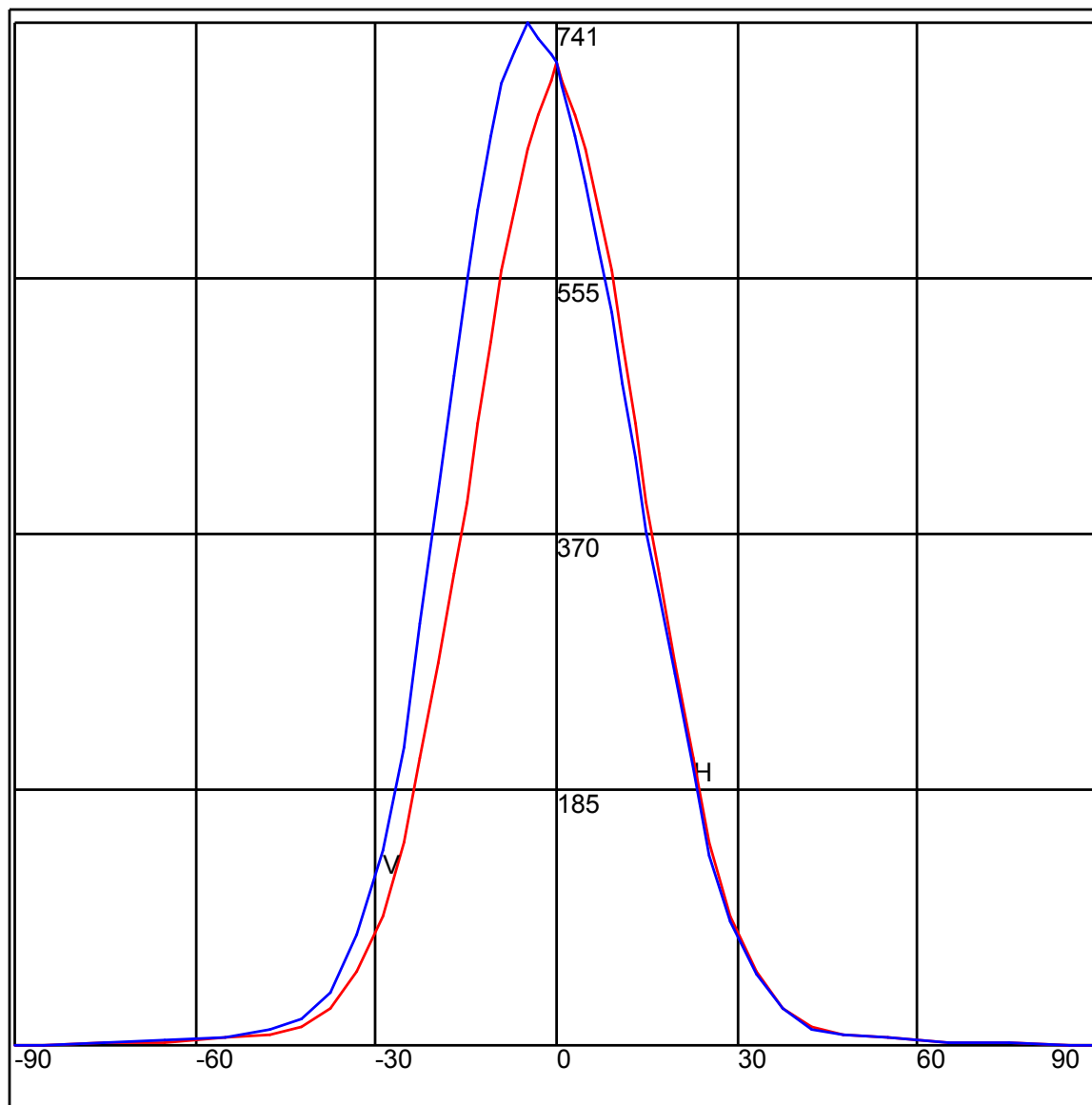


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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.25	90	.21
85	.35	85	.3
75	.69	75	.59
65	2.23	65	2.14
55	4.57	55	4.5
47.5	7.09	47.5	6.91
42.5	11.92	42.5	11.75
37.5	25.55	37.5	25.31
33	52.31	33	51.09
29	92.67	29	88.89
25.5	146.02	25.5	137.58
22.5	208.22	22.5	200.27
19.5	275.73	19.5	267.64
17	340.36	17	325.87
15	392.07	15	372.45
13	450.31	13	425.59
11	508.54	11	478.73
9	559.91	9	528.99
7	604.4	7	576.36
5	648.89	5	623.74
3	673.69	3	658.6
1	698.48	1	693.45
0	710.88	0	710.88
-1	698.48	-1	716.84
-3	673.69	-3	728.75
-5	648.89	-5	740.66
-7	604.4	-7	718.19
-9	559.91	-9	695.72
-11	508.54	-11	657.95
-13	450.31	-13	604.88
-15	392.07	-15	551.81
-17	340.36	-17	484.27
-19.5	275.73	-19.5	399.85
-22.5	208.22	-22.5	304.64
-25.5	146.02	-25.5	215.55
-29	92.67	-29	140.26
-33	52.31	-33	78.91
-37.5	25.55	-37.5	38.06
-42.5	11.92	-42.5	18.13
-47.5	7.09	-47.5	10.55
-55	4.57	-55	5.99
-65	2.23	-65	2.59
-75	.69	-75	.73
-85	.35	-85	.26
-90	.25	-90	.24

AXIAL CANDELA DISPLAY

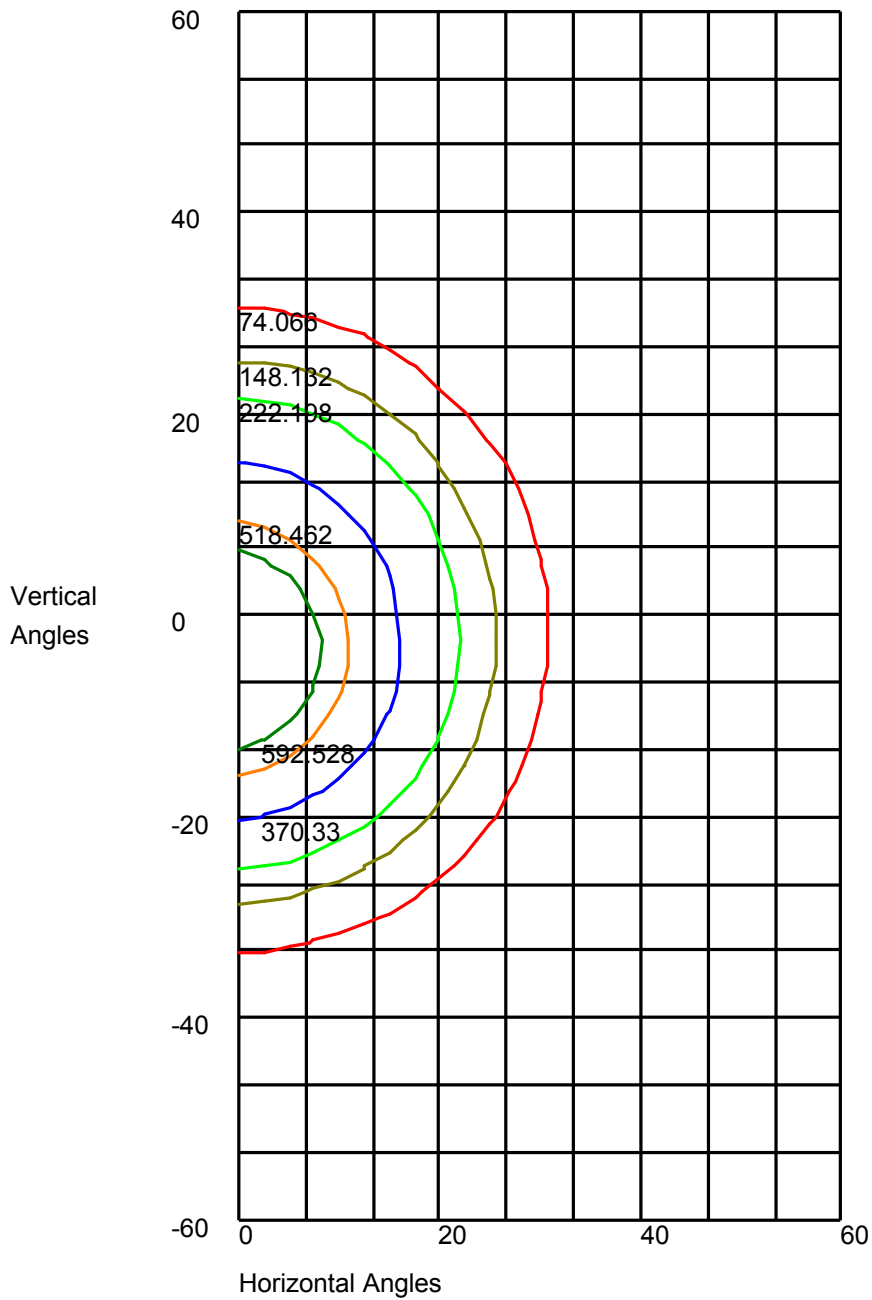


Maximum Candela = 740.66 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 740.66 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 370.33
10% Maximum Candela = 74.066