

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : COMH-12-L430.IES

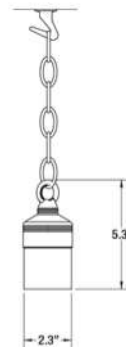
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3330
[TESTLAB] Labsphere
[ISSUEDATE] 8/21/2019 6:52:16 AM
[MANUFAC] TORO
[LUMINAIRE] COMH-12-L430
[LAMP] LED-4W-CM6FL30K
[_AMBIENT] 21.7 deg C
[_POWERFACTOR] 0.5751
[_ATHD] 0.00%
[_CURRENT] 0.55
[_VOLTAGE] 12.04
[_Lumens] 337.80
[_END VOLTS] 12.04
[_END CURRENT] 0.52
[_END POWER] 3.65

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	781.27
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	34.8
Vertical Beam Angle (50%)	35.9
Horizontal Field Angle (10%)	63.9
Vertical Field Angle (10%)	66.4
Lumens Per Lamp	310 (1 lamp)
Total Lamp Lumens	310
Beam Lumens	158
Beam Efficiency	51 %
Field Lumens	294
Field Efficiency	95 %
Spill Lumens	45
Luminaire Lumens	339
Total Efficiency	109 %
Total Luminaire Watts	3.79
Ballast Factor	1.00

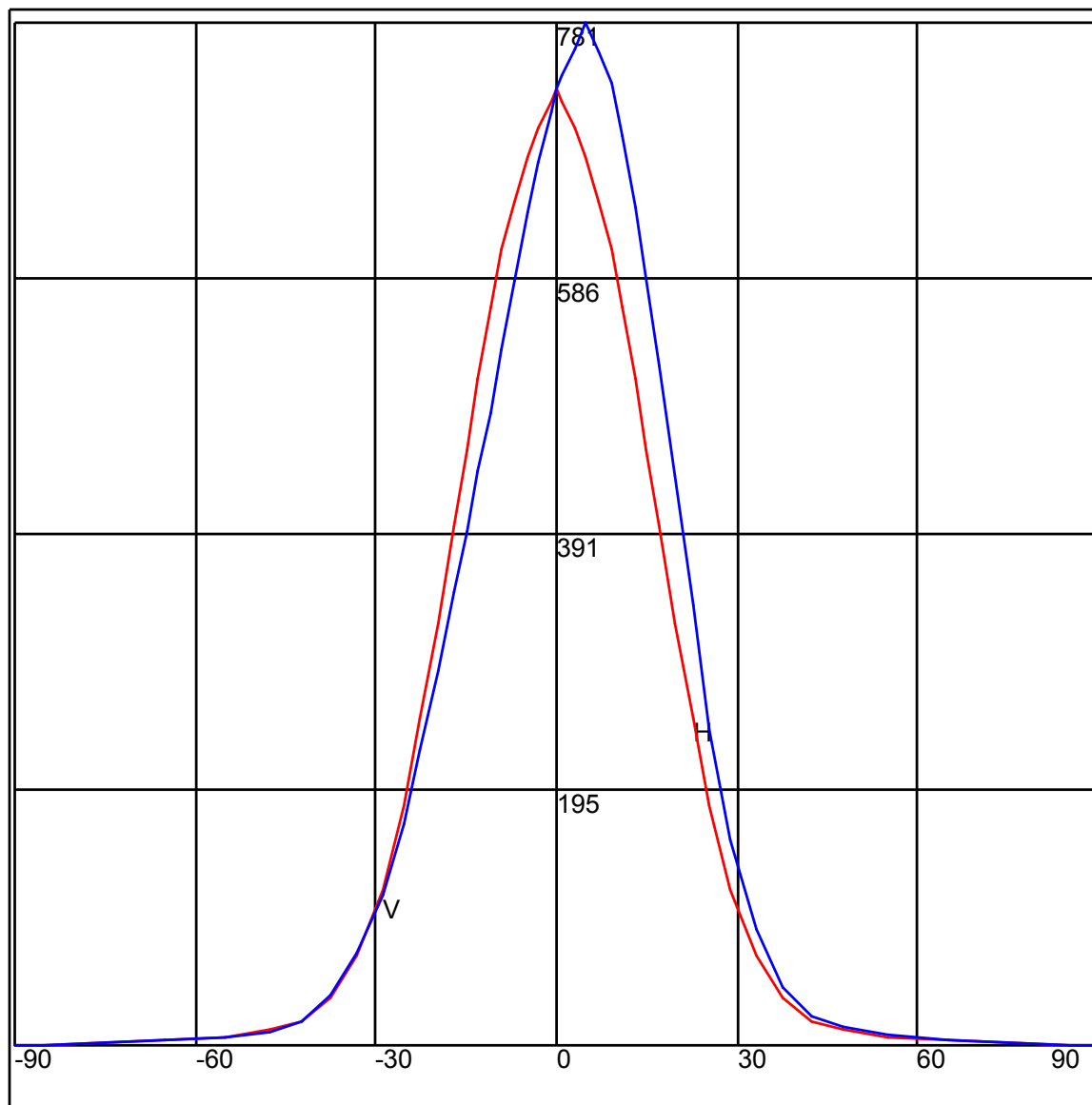


IES FLOOD REPORT
PHOTOMETRIC FILENAME : COMH-12-L430.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.29	90	.27
85	.39	85	.31
75	.75	75	.99
65	2.77	65	3.02
55	6.39	55	7.27
47.5	10.99	47.5	12.83
42.5	18.55	42.5	21.9
37.5	36.12	37.5	44.22
33	68.51	33	88.72
29	117.31	29	155.83
25.5	182.36	25.5	240.37
22.5	249.17	22.5	335.38
19.5	321.5	19.5	435.07
17	395.56	17	518.88
15	454.8	15	585.92
13	509	13	640.12
11	563.21	11	694.31
9	607.97	9	733.38
7	643.3	7	757.33
5	678.62	5	781.27
3	699.44	3	761.03
1	720.25	1	740.78
0	730.66	0	730.66
-1	720.25	-1	711.47
-3	699.44	-3	673.08
-5	678.62	-5	634.69
-7	643.3	-7	583.11
-9	607.97	-9	531.54
-11	563.21	-11	483.05
-13	509	-13	437.64
-15	454.8	-15	392.24
-17	395.56	-17	344.86
-19.5	321.5	-19.5	285.63
-22.5	249.17	-22.5	224.94
-25.5	182.36	-25.5	168.48
-29	117.31	-29	115.17
-33	68.51	-33	70.14
-37.5	36.12	-37.5	37.07
-42.5	18.55	-42.5	18.02
-47.5	10.99	-47.5	9.76
-55	6.39	-55	5.62
-65	2.77	-65	2.91
-75	.75	-75	1.07
-85	.39	-85	.33
-90	.29	-90	.27

AXIAL CANDELA DISPLAY

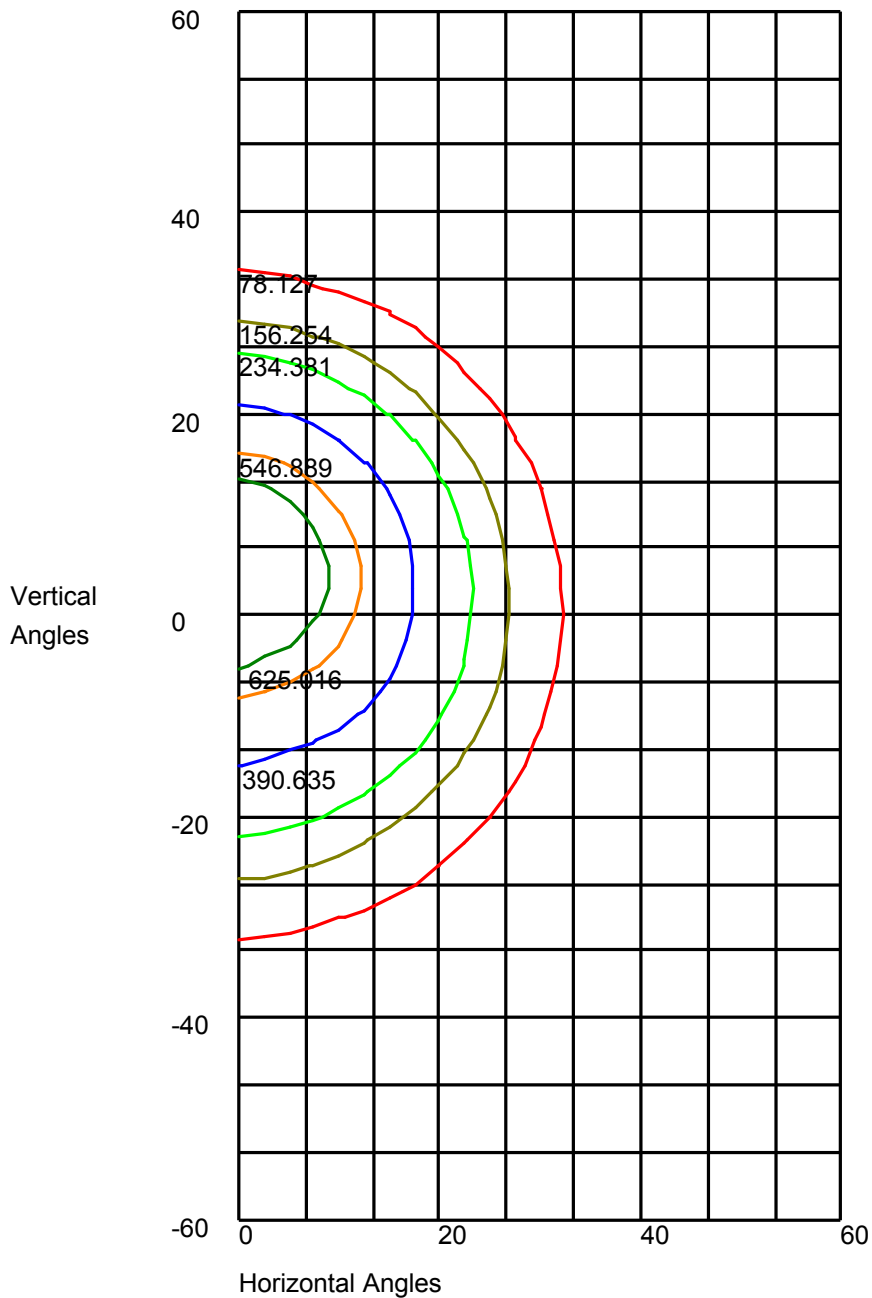


Maximum Candela = 781.27 Located At Horizontal Angle = 0, Vertical Angle = 5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 781.27 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 390.635
10% Maximum Candela = 78.127