

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : COMH-12-L427.IES

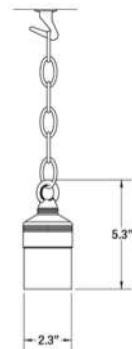
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3331
[TESTLAB] Labsphere
[ISSUEDATE] 8/21/2019 8:15:44 AM
[MANUFAC] TORO
[LUMINAIRE] COMH-12-L427
[LAMP] LED-4W-CM6FL27K
[_AMBIENT] 22.0 deg C
[_POWERFACTOR] 0.5713
[_ATHD] 0.00%
[_CURRENT] 0.56
[_VOLTAGE] 12.04
[_Lumens] 277.35
[_END VOLTS] 12.04
[_END CURRENT] 0.55
[_END POWER] 3.75

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

CHARACTERISTICS

NEMA Type	6 H x 6 V
Maximum Candela	286.01
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	51.8
Vertical Beam Angle (50%)	55.8
Horizontal Field Angle (10%)	101.7
Vertical Field Angle (10%)	104.9
Lumens Per Lamp	300 (1 lamp)
Total Lamp Lumens	300
Beam Lumens	131
Beam Efficiency	44 %
Field Lumens	248
Field Efficiency	83 %
Spill Lumens	30
Luminaire Lumens	278
Total Efficiency	93 %
Total Luminaire Watts	3.83
Ballast Factor	1.00

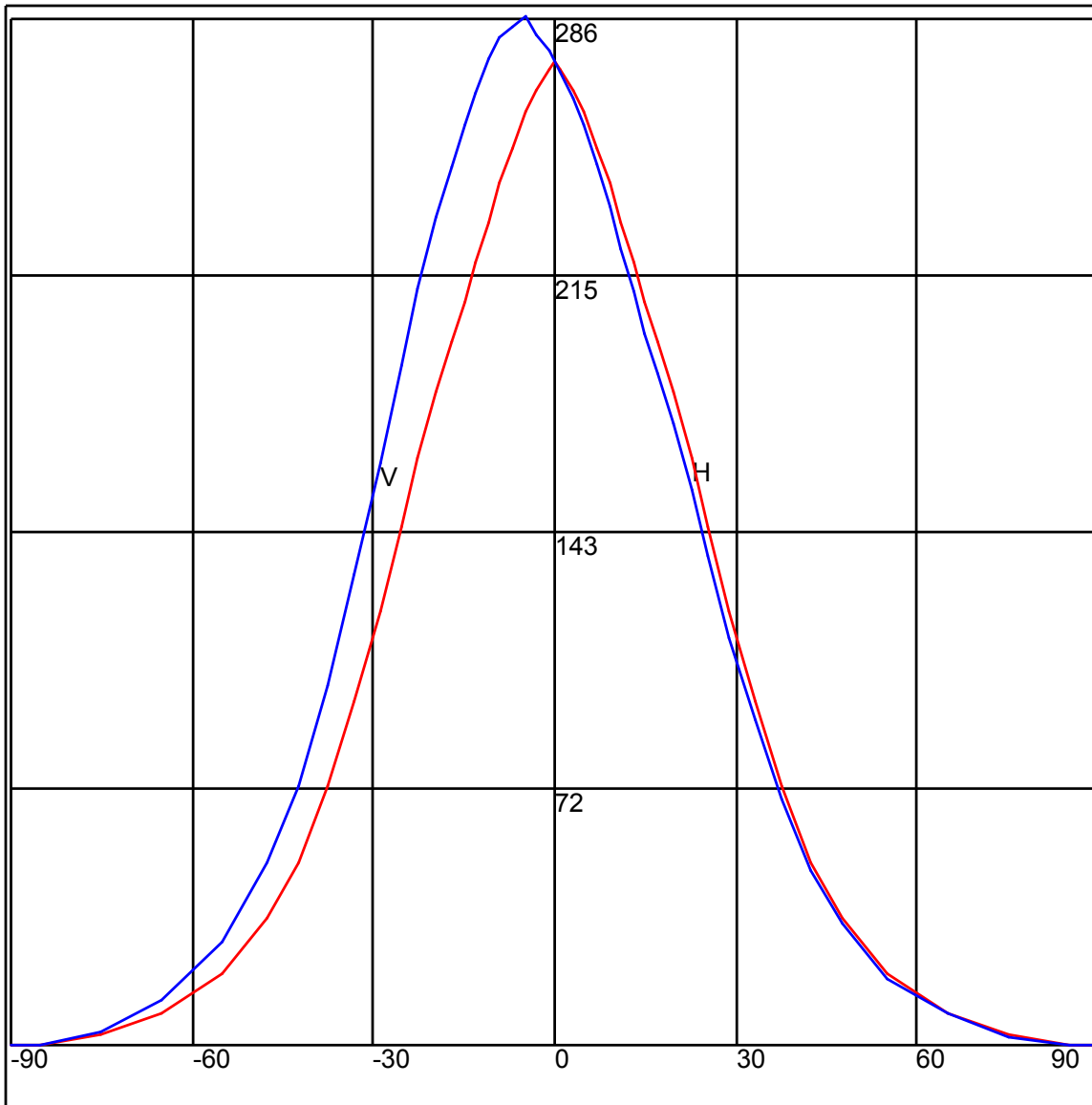


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AXIAL CANDELA

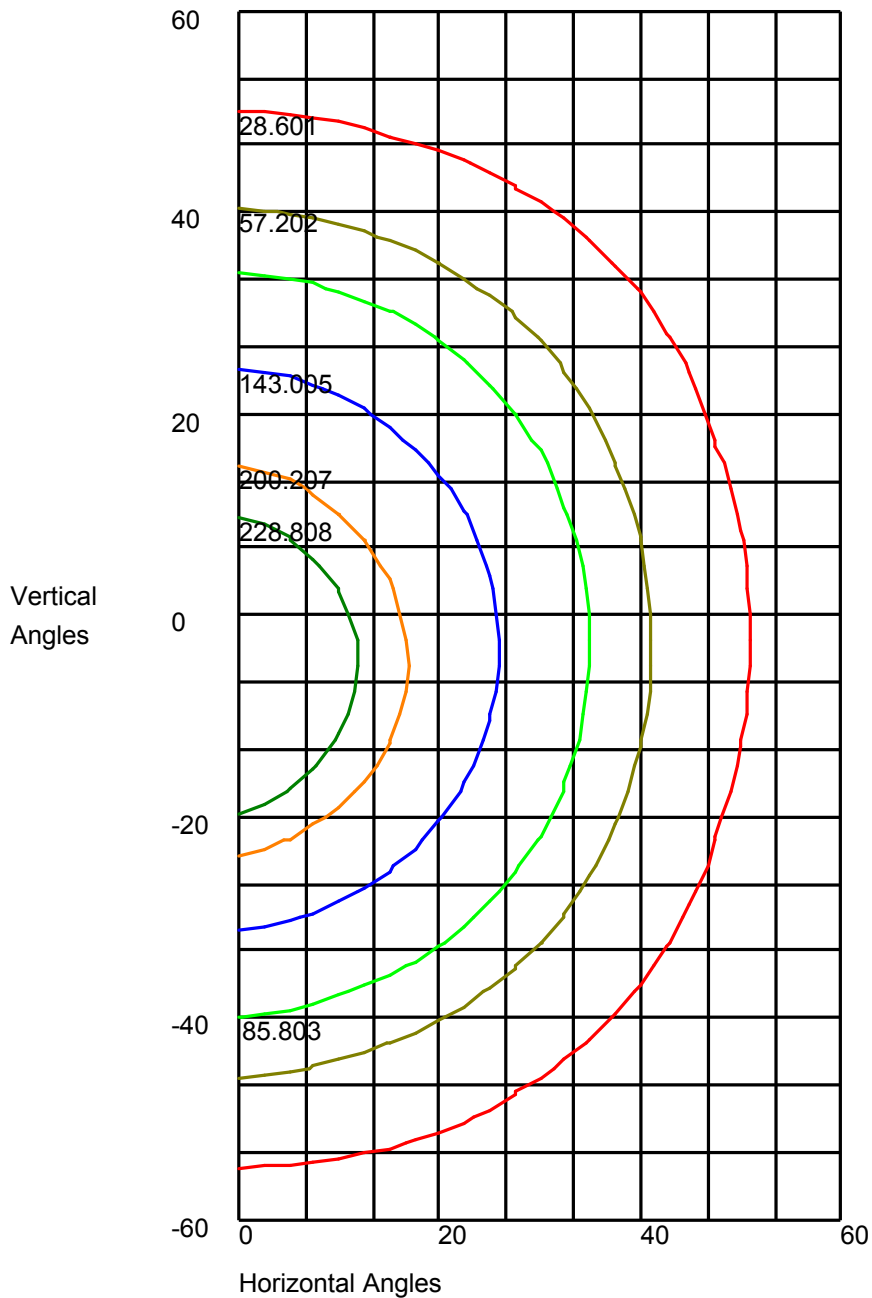
DEG.	HOR.	DEG.	VERT.
90	.06	90	.08
85	.09	85	.06
75	2.39	75	2.29
65	8.59	65	8.48
55	19.98	55	18.5
47.5	35.39	47.5	33.64
42.5	50.8	42.5	48.46
37.5	71.74	37.5	68.27
33	95.6	33	90.6
29	120.38	29	113.59
25.5	144.29	25.5	136.1
22.5	163.16	22.5	154.51
19.5	181.43	19.5	172.56
17	195.52	17	186.84
15	206.8	15	198.26
13	217.92	13	209.94
11	229.03	11	221.61
9	239.65	9	233.22
7	249.77	7	244.77
5	259.89	5	256.31
3	265.62	3	263.47
1	271.35	1	270.64
0	274.22	0	274.22
-1	271.35	-1	276.58
-3	265.62	-3	281.29
-5	259.89	-5	286.01
-7	249.77	-7	283.17
-9	239.65	-9	280.34
-11	229.03	-11	274.33
-13	217.92	-13	265.14
-15	206.8	-15	255.95
-17	195.52	-17	244.65
-19.5	181.43	-19.5	230.52
-22.5	163.16	-22.5	210.37
-25.5	144.29	-25.5	189.14
-29	120.38	-29	161.84
-33	95.6	-33	131.22
-37.5	71.74	-37.5	100.07
-42.5	50.8	-42.5	72.02
-47.5	35.39	-47.5	50.66
-55	19.98	-55	28.39
-65	8.59	-65	12.12
-75	2.39	-75	3.58
-85	.09	-85	.09
-90	.06	-90	.06

AXIAL CANDELA DISPLAY



Maximum Candela = 286.01 Located At Horizontal Angle = 0, Vertical Angle = -5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 286.01 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 143.005
10% Maximum Candela = 28.601