

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : COMT-12-L430.IES

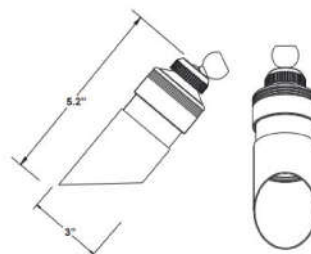
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3320
[TESTLAB] Labsphere
[ISSUEDATE] 8/15/2019 1:37:05 PM
[MANUFAC] TORO
[LUMINAIRE] COMT-12-L430
[LAMP] LED-4W-CM6FL30K
[POWERFACTOR] 0.5728
[ATHD] 0.00%
[CURRENT] 0.55
[VOLTAGE] 12.04
[Lumens] 269.50
[END VOLTS] 12.05
[END CURRENT] 0.53
[END POWER] 3.66

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	720.32
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	29.3
Vertical Beam Angle (50%)	39.1
Horizontal Field Angle (10%)	56.8
Vertical Field Angle (10%)	67.2
Lumens Per Lamp	310 (1 lamp)
Total Lamp Lumens	310
Beam Lumens	125
Beam Efficiency	40 %
Field Lumens	242
Field Efficiency	78 %
Spill Lumens	26
Luminaire Lumens	268
Total Efficiency	86 %
Total Luminaire Watts	3.78
Ballast Factor	1.00

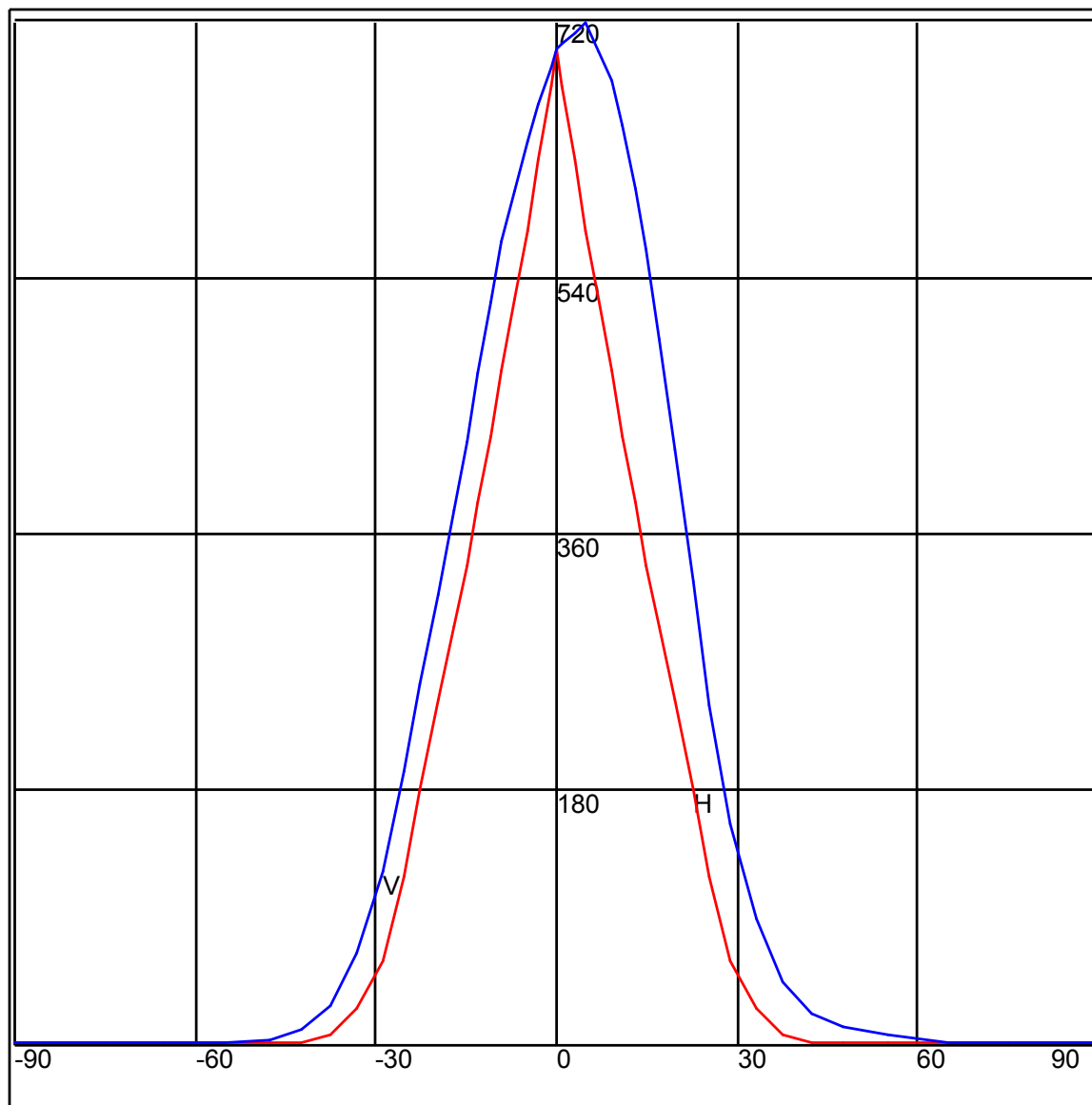


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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	1.14	90	.7
85	.56	85	.65
75	.46	75	.93
65	.69	65	1.74
55	.91	55	6.13
47.5	.58	47.5	13.25
42.5	.95	42.5	22.44
37.5	6.96	37.5	44.76
33	24.74	33	89
29	59.66	29	154.76
25.5	118.23	25.5	238.43
22.5	178.9	22.5	326.41
19.5	241.74	19.5	418.16
17	294.48	17	496.74
15	336.68	15	559.61
13	382.32	13	603.28
11	427.97	11	646.95
9	475.18	9	679.1
7	523.95	7	699.71
5	572.72	5	720.32
3	623.73	3	712.29
1	674.74	1	704.26
0	700.24	0	700.24
-1	674.74	-1	687.32
-3	623.73	-3	661.47
-5	572.72	-5	635.62
-7	523.95	-7	600.2
-9	475.18	-9	564.77
-11	427.97	-11	522.5
-13	382.32	-13	473.39
-15	336.68	-15	424.28
-17	294.48	-17	376.75
-19.5	241.74	-19.5	317.34
-22.5	178.9	-22.5	253.6
-25.5	118.23	-25.5	191.85
-29	59.66	-29	122.65
-33	24.74	-33	64.54
-37.5	6.96	-37.5	26.92
-42.5	.95	-42.5	10.71
-47.5	.58	-47.5	4.1
-55	.91	-55	.94
-65	.69	-65	.59
-75	.46	-75	.67
-85	.56	-85	.57
-90	1.14	-90	.65

AXIAL CANDELA DISPLAY

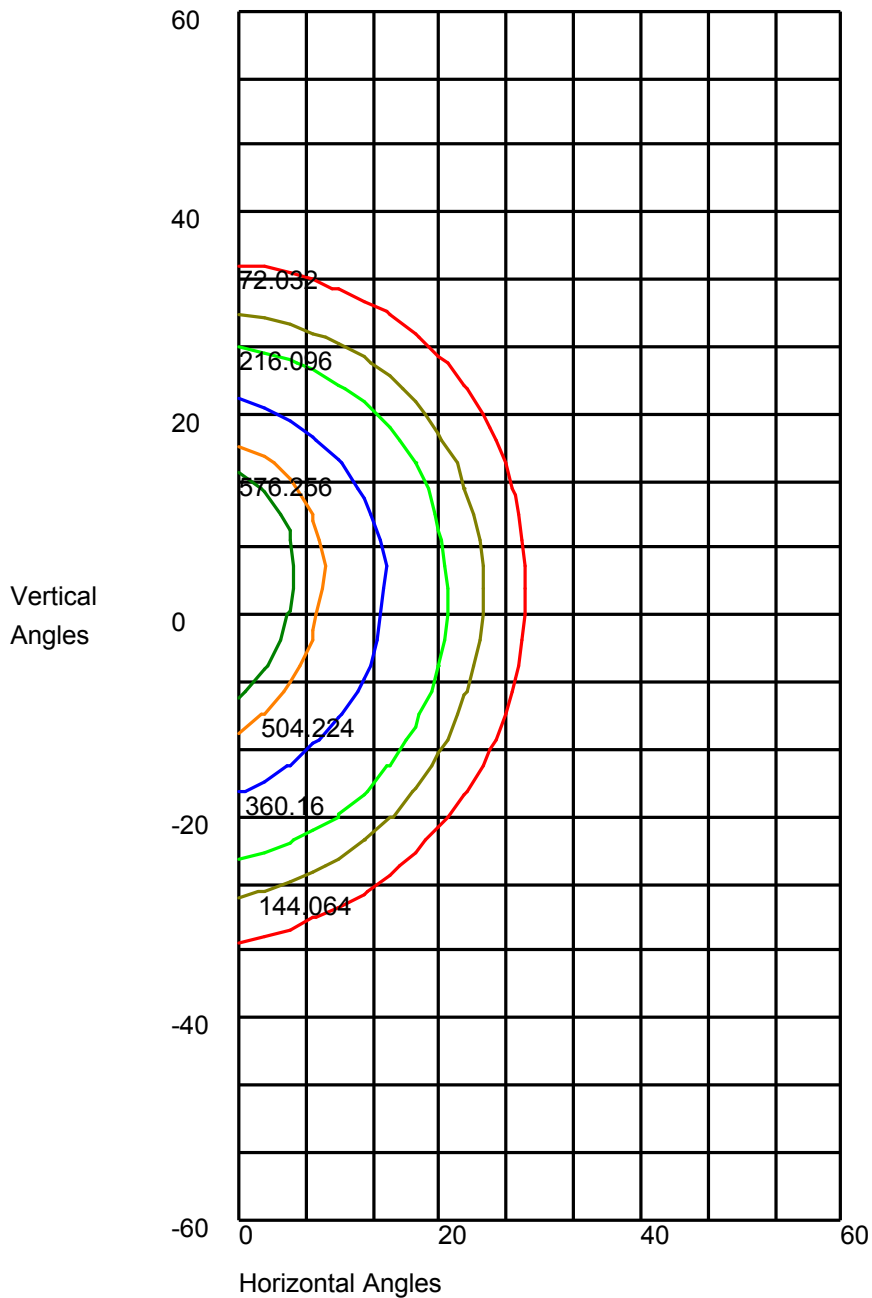


Maximum Candela = 720.32 Located At Horizontal Angle = 0, Vertical Angle = 5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 720.32 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 360.16
10% Maximum Candela = 72.032