

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : COMT-12-L427.IES

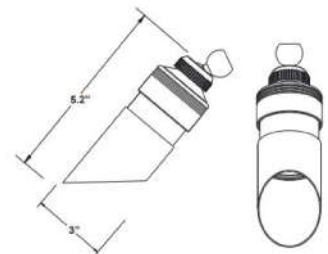
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3319  
[TESTLAB] Labsphere  
[ISSUEDATE] 8/15/2019 12:03:07 PM  
[MANUFAC] TORO  
[LUMINAIRE] COMT-12-L427  
[LAMP] LED-4W-CM6FL27K  
[POWERFACTOR] 0.5685  
[ATHD] 0.00%  
[CURRENT] 0.56  
[VOLTAGE] 12.04  
[Lumens] 204.87  
[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	5 H x 5 V
Maximum Candela	289.09
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	47.9
Vertical Beam Angle (50%)	55.8
Horizontal Field Angle (10%)	71.9
Vertical Field Angle (10%)	93.4
Lumens Per Lamp	300 (1 lamp)
Total Lamp Lumens	300
Beam Lumens	131
Beam Efficiency	44 %
Field Lumens	195
Field Efficiency	65 %
Spill Lumens	11
Luminaire Lumens	206
Total Efficiency	69 %
Total Luminaire Watts	3.82
Ballast Factor	1.00

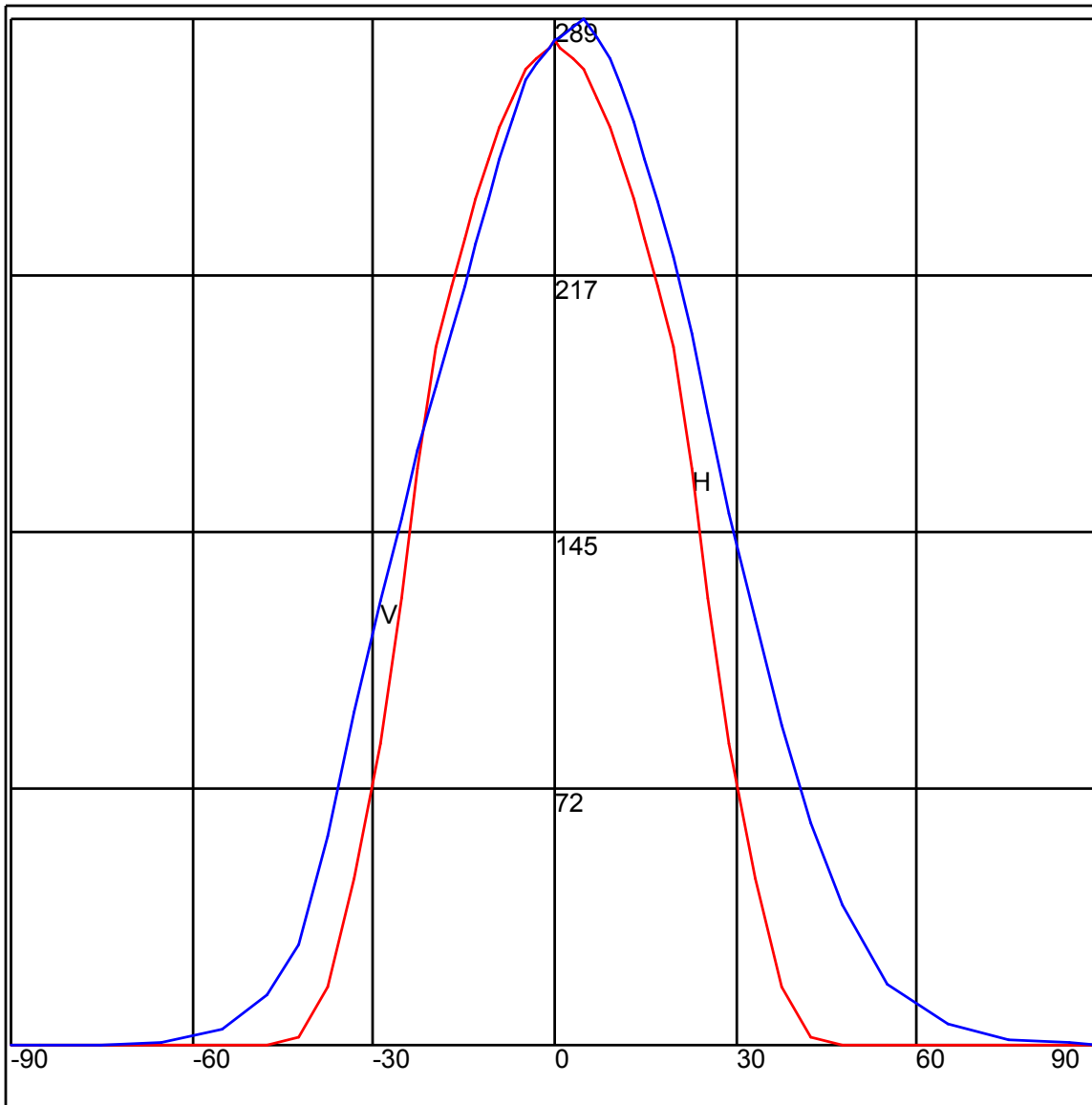


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : COMT-12-L427.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.07	90	.12
85	.08	85	.3
75	.08	75	1.14
65	.07	65	5.82
55	.07	55	17.18
47.5	.1	47.5	39.06
42.5	2	42.5	62.27
37.5	16.24	37.5	90.15
33	46.35	33	119.8
29	84.67	29	149.79
25.5	125.59	25.5	177.64
22.5	162.16	22.5	200.25
19.5	196.3	19.5	221.91
17	213.32	17	237.07
15	226.94	15	249.19
13	237.99	13	259.55
11	249.04	11	269.91
9	258.52	9	277.89
7	266.41	7	283.49
5	274.31	5	289.09
3	277.58	3	286.45
1	280.85	1	283.81
0	282.49	0	282.49
-1	280.85	-1	280.36
-3	277.58	-3	276.09
-5	274.31	-5	271.82
-7	266.41	-7	260.62
-9	258.52	-9	249.41
-11	249.04	-11	237.72
-13	237.99	-13	225.55
-15	226.94	-15	213.37
-17	213.32	-17	201.01
-19.5	196.3	-19.5	185.57
-22.5	162.16	-22.5	167.02
-25.5	125.59	-25.5	148.27
-29	84.67	-29	125.23
-33	46.35	-33	93.83
-37.5	16.24	-37.5	58.27
-42.5	2	-42.5	28.41
-47.5	.1	-47.5	14.21
-55	.07	-55	4.42
-65	.07	-65	.42
-75	.08	-75	.07
-85	.08	-85	.08
-90	.07	-90	.05

AXIAL CANDELA DISPLAY

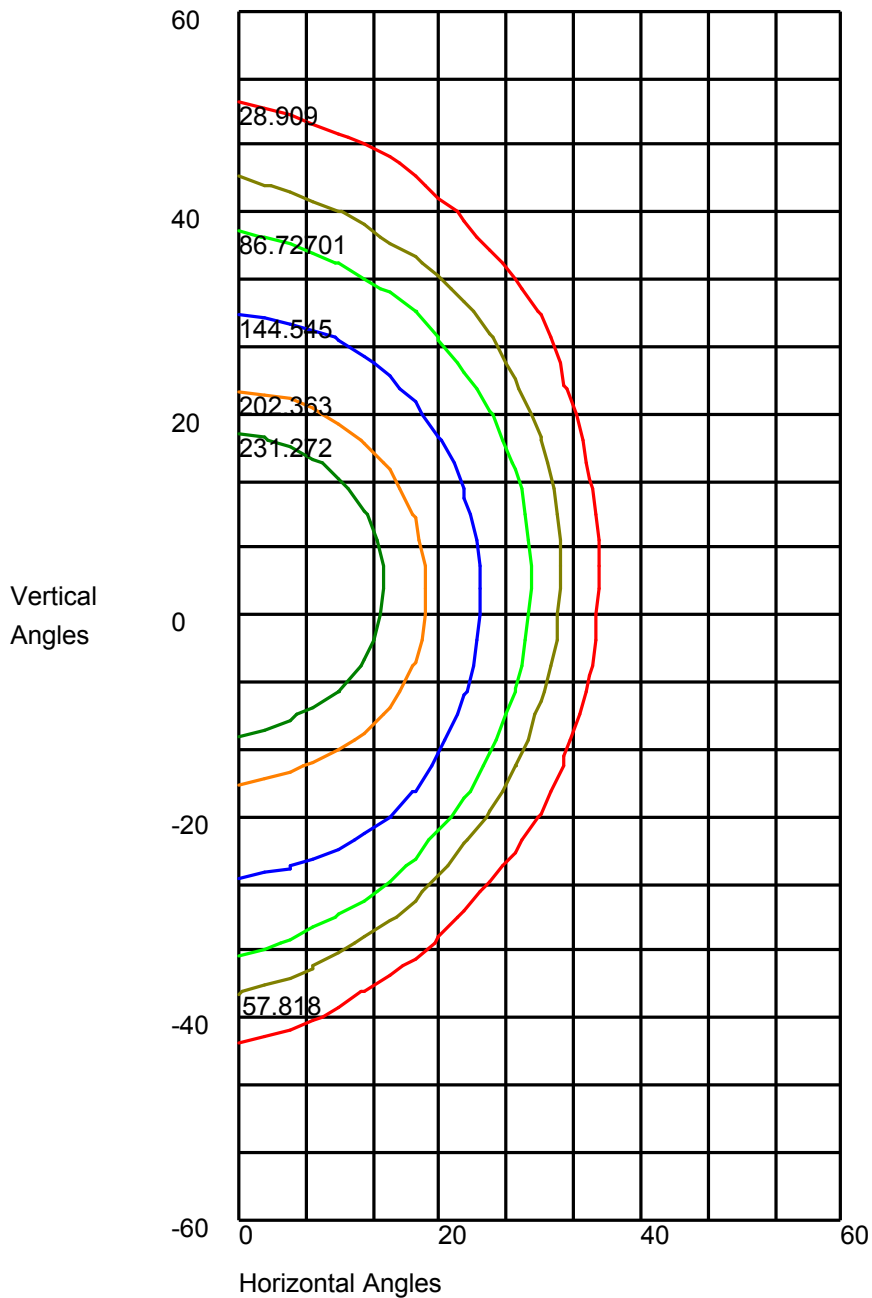


Maximum Candela = 289.09 Located At Horizontal Angle = 0, Vertical Angle = 5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 289.09 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 144.545  
10% Maximum Candela = 28.909