

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QUA2-12-L527.IES

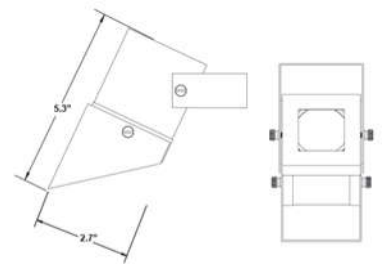
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3348
[TESTLAB] Labsphere
[ISSUEDATE] 9/17/2019 9:48:07 AM
[MANUFAC] TORO
[LUMINAIRE] QUA2-12-L527
[LAMP] LED-5W-CM6FL27K
[_ AMBIENT] 21.8 deg C
[_ POWERFACTOR] 0.9178
[_ ATHD] 0.00%
[_ CURRENT] 0.44
[_ VOLTAGE] 12.00
[_ Lumens] 380
[_ END VOLTS] 11.99
[_ END CURRENT] 0.42
[_ END POWER] 4.63

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

CHARACTERISTICS

NEMA Type	4 H x 5 V
Maximum Candela	388.34
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	44.4
Vertical Beam Angle (50%)	51.2
Horizontal Field Angle (10%)	64.6
Vertical Field Angle (10%)	81.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	156
Beam Efficiency	N.A.
Field Lumens	223
Field Efficiency	N.A.
Spill Lumens	11
Luminaire Lumens	233
Total Efficiency	N.A.
Total Luminaire Watts	4.81
Ballast Factor	1.00



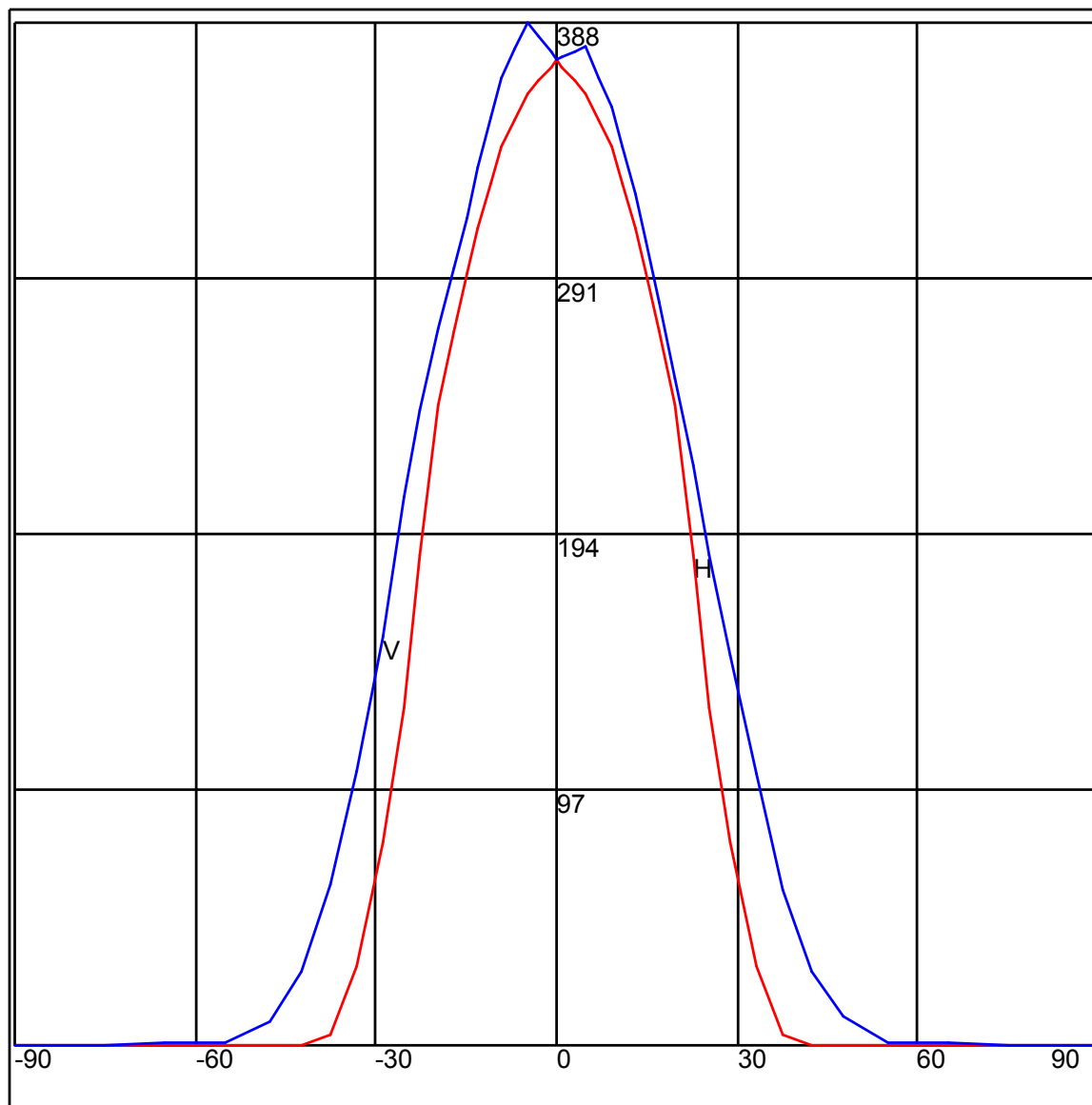
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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.08	90	.05
85	.06	85	.06
75	.08	75	.12
65	.09	65	.36
55	.08	55	.87
47.5	.09	47.5	10.73
42.5	.11	42.5	27.98
37.5	3.83	37.5	59.07
33	29.66	33	102.9
29	77.23	29	147.91
25.5	127.62	25.5	186.1
22.5	185.91	22.5	219.58
19.5	242.6	19.5	253.29
17	270.65	17	281.77
15	293.09	15	304.56
13	310.01	13	322.6
11	326.93	11	340.65
9	340.54	9	355.56
7	350.85	7	367.33
5	361.16	5	379.11
3	366.06	3	376.83
1	370.97	1	374.56
0	373.42	0	373.42
-1	370.97	-1	376.4
-3	366.06	-3	382.37
-5	361.16	-5	388.34
-7	350.85	-7	377.52
-9	340.54	-9	366.7
-11	326.93	-11	351.76
-13	310.01	-13	332.7
-15	293.09	-15	313.64
-17	270.65	-17	295.25
-19.5	242.6	-19.5	272.27
-22.5	185.91	-22.5	241.29
-25.5	127.62	-25.5	207.45
-29	77.23	-29	155.19
-33	29.66	-33	103.83
-37.5	3.83	-37.5	60.5
-42.5	.11	-42.5	28
-47.5	.09	-47.5	8.94
-55	.08	-55	.55
-65	.09	-65	.34
-75	.08	-75	.15
-85	.06	-85	.06
-90	.08	-90	.07

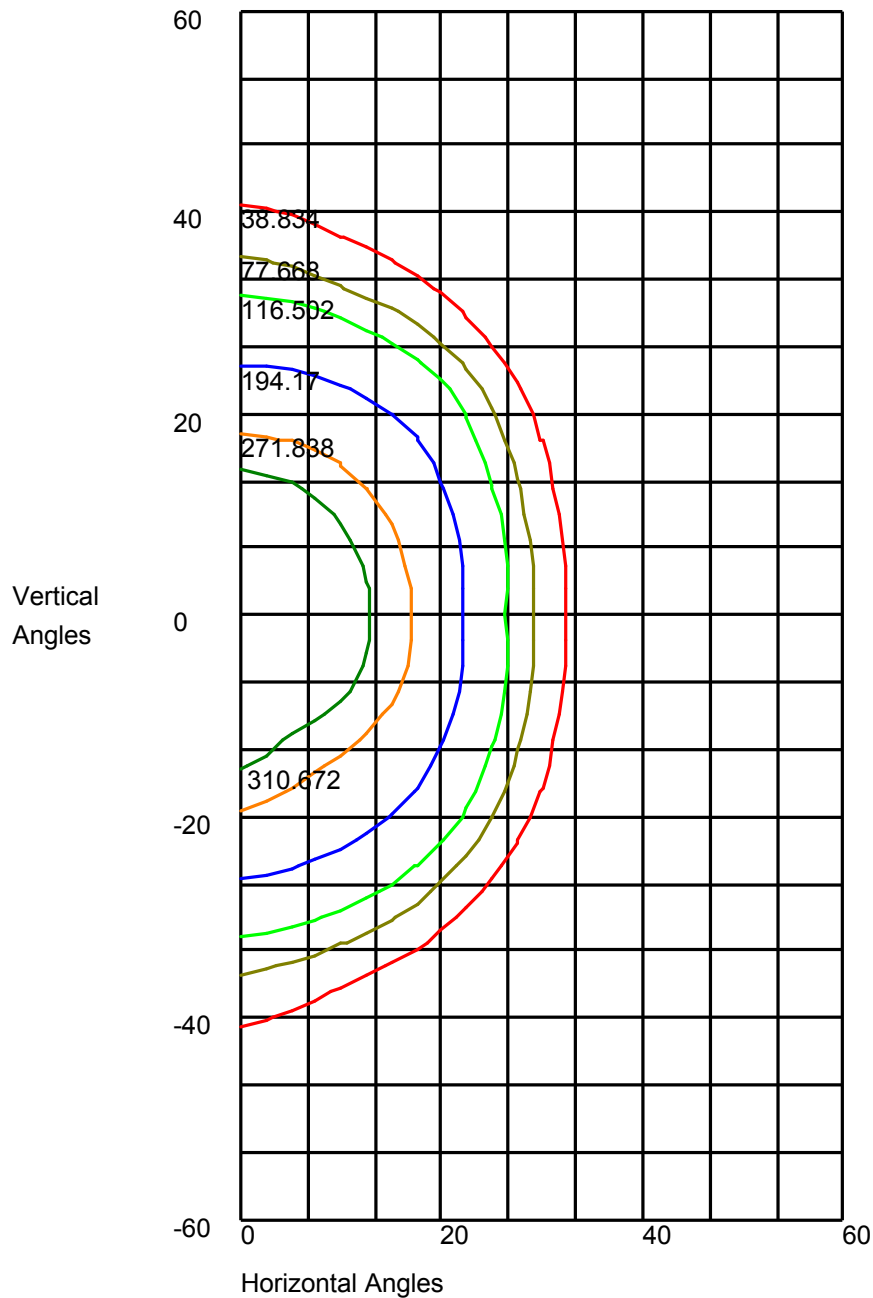
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AXIAL CANDELA DISPLAY



Maximum Candela = 388.34 Located At Horizontal Angle = 0, Vertical Angle = -5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 388.34 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 194.17
10% Maximum Candela = 38.834