

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QUA1-12-L327.IES

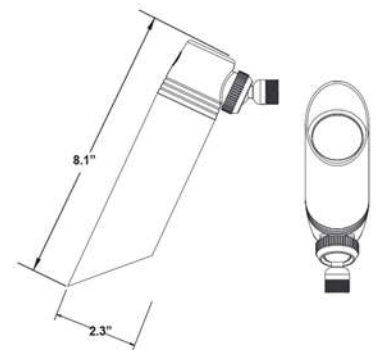
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3317
[TESTLAB] Labsphere
[ISSUEDATE] 8/8/2019 9:58:15 AM
[MANUFAC] TORO
[LUMINAIRE] QUA1-12-L327
[LAMP] LED-3W-CM6FL27K
[POWERFACTOR] 0.5631
[ATHD] 0.00%
[CURRENT] 0.56
[VOLTAGE] 12.04
[Lumens] 116.26
[END VOLTS] 12.05
[END CURRENT] 0.52
[END POWER] 3.58

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

CHARACTERISTICS

NEMA Type	3 H x 3 V
Maximum Candela	771.02
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	20.6
Vertical Beam Angle (50%)	26.8
Horizontal Field Angle (10%)	30.6
Vertical Field Angle (10%)	42.2
Lumens Per Lamp	200 (1 lamp)
Total Lamp Lumens	200
Beam Lumens	75
Beam Efficiency	38 %
Field Lumens	107
Field Efficiency	54 %
Spill Lumens	9
Luminaire Lumens	116
Total Efficiency	58 %
Total Luminaire Watts	3.76
Ballast Factor	1.00

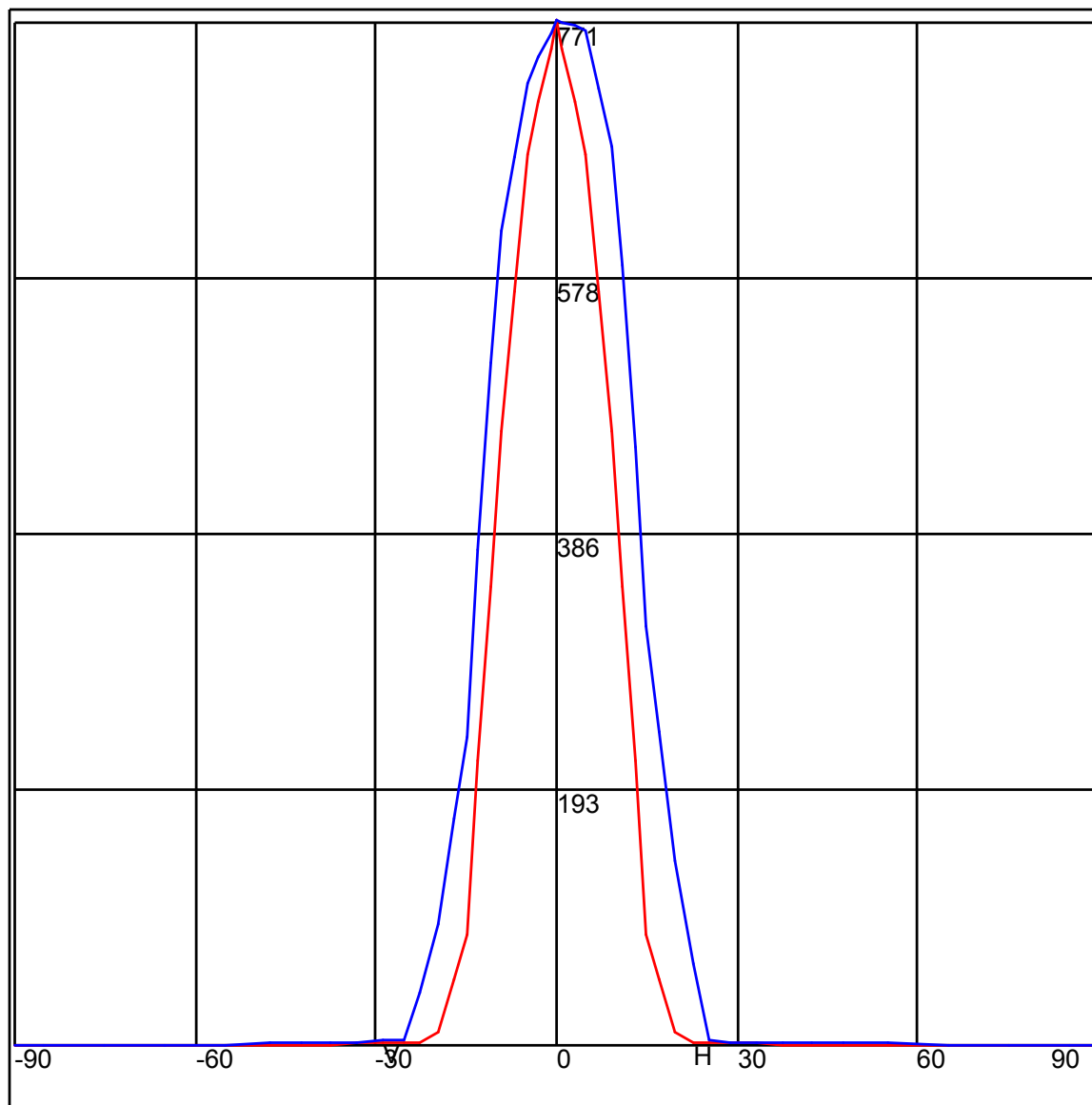


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AXIAL CANDELA

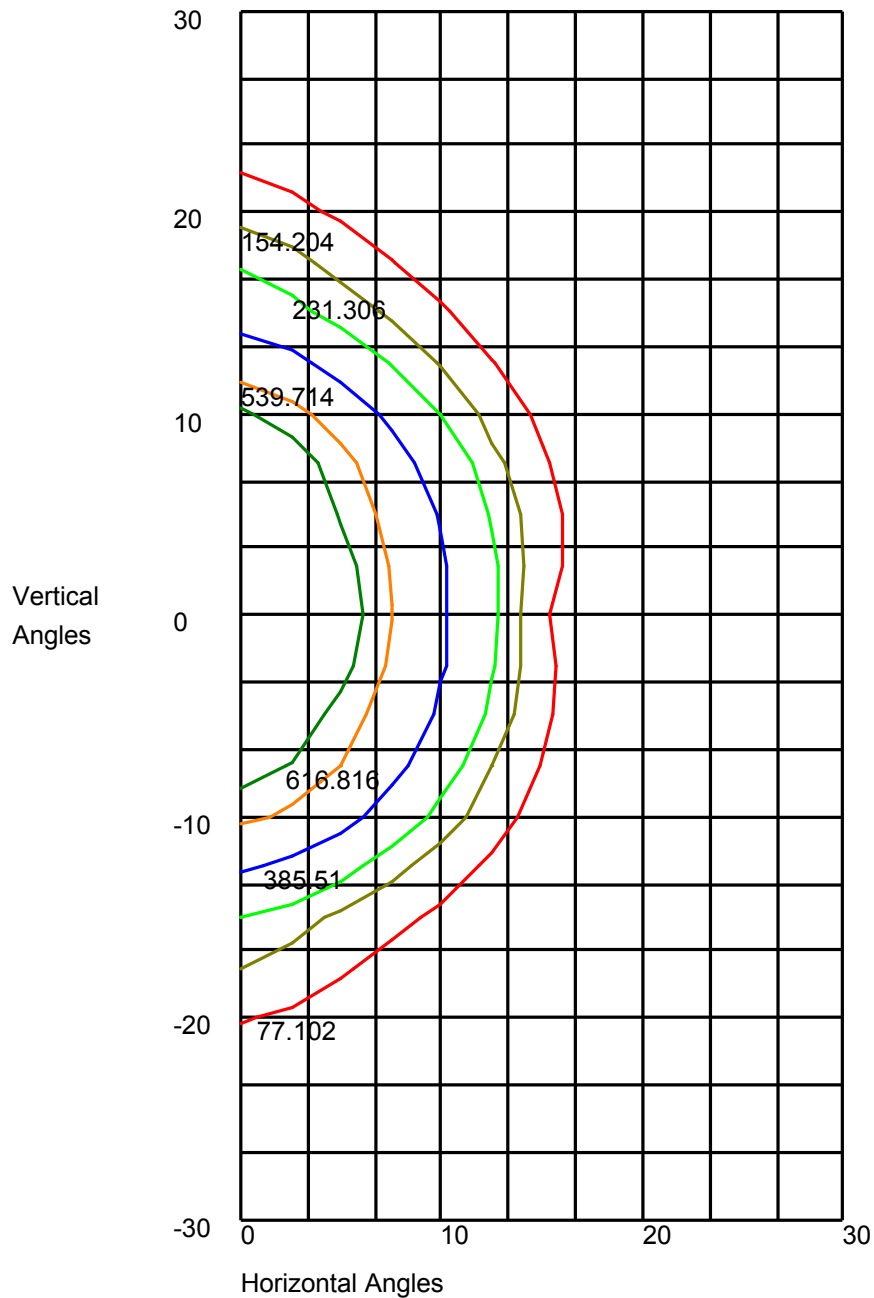
DEG.	HOR.	DEG.	VERT.
90	.39	90	.31
85	.32	85	.3
75	.38	75	.35
65	.31	65	.38
55	.31	55	.49
47.5	.3	47.5	.68
42.5	.33	42.5	.9
37.5	.36	37.5	1.23
33	.5	33	1.75
29	.63	29	2.38
25.5	.68	25.5	3.04
22.5	.71	22.5	60.72
19.5	8.86	19.5	138.02
17	49.54	17	236.61
15	82.09	15	315.48
13	213.69	13	451.1
11	345.29	11	586.71
9	463.07	9	676.58
7	567.04	7	720.69
5	671	5	764.8
3	711.01	3	767.29
1	751.02	1	769.78
0	771.02	0	771.02
-1	751.02	-1	761.83
-3	711.01	-3	743.46
-5	671	-5	725.08
-7	567.04	-7	668.78
-9	463.07	-9	612.49
-11	345.29	-11	513.91
-13	213.69	-13	373.04
-15	82.09	-15	232.18
-17	49.54	-17	169.74
-19.5	8.86	-19.5	91.7
-22.5	.71	-22.5	39.69
-25.5	.68	-25.5	3.2
-29	.63	-29	2.6
-33	.5	-33	1.93
-37.5	.36	-37.5	1.43
-42.5	.33	-42.5	.98
-47.5	.3	-47.5	.64
-55	.31	-55	.31
-65	.31	-65	.41
-75	.38	-75	.39
-85	.32	-85	.3
-90	.39	-90	.34

AXIAL CANDELA DISPLAY



Maximum Candela = 771.02 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 771.02 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 385.51
10% Maximum Candela = 77.102