

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QUA2-12-L327.IES

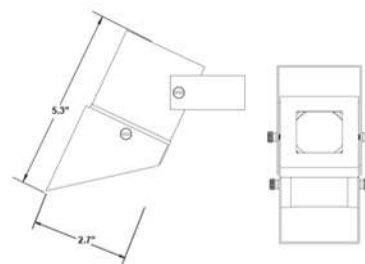
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3345
[TESTLAB] Labsphere
[ISSUEDATE] 9/16/2019 12:06:09 PM
[MANUFAC] TORO
[LUMINAIRE] QUA2-12-L327
[LAMP] LED-3W-CM6FL27K
[_AMBIENT] 22.2 deg C
[_POWERFACTOR] 0.5686
[_ATHD] 0.00%
[_CURRENT] 0.36
[_VOLTAGE] 11.96
[_Lumens] 200
[_END VOLTS] 11.96
[_END CURRENT] 0.35
[_END POWER] 2.37

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

CHARACTERISTICS

NEMA Type	4 H x 5 V
Maximum Candela	206.56
Maximum Candela Angle	-1H 5V
Horizontal Beam Angle (50%)	48.1
Vertical Beam Angle (50%)	50.3
Horizontal Field Angle (10%)	64.6
Vertical Field Angle (10%)	77.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	92
Beam Efficiency	N.A.
Field Lumens	127
Field Efficiency	N.A.
Spill Lumens	4
Luminaire Lumens	131
Total Efficiency	N.A.
Total Luminaire Watts	2.42
Ballast Factor	1.00

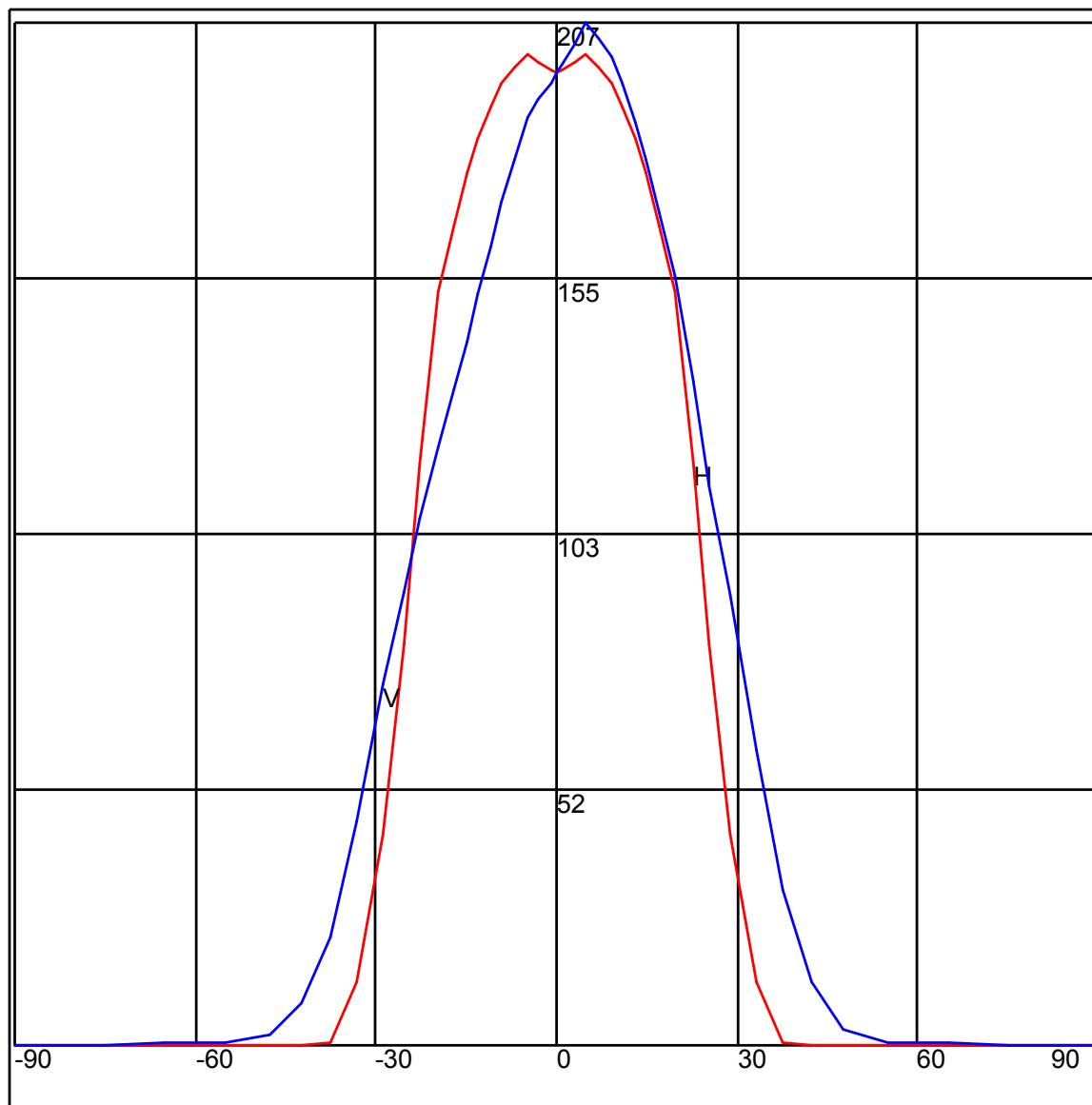


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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.06	90	.03
85	.04	85	.04
75	.03	75	.06
65	.05	65	.15
55	.04	55	.26
47.5	.05	47.5	2.85
42.5	.06	42.5	12.47
37.5	.15	37.5	31.32
33	12.76	33	59.51
29	42.43	29	90.71
25.5	80.63	25.5	112.73
22.5	117.62	22.5	134.12
19.5	151.86	19.5	154.96
17	165.38	17	168.01
15	176.2	15	178.45
13	182.77	13	186.13
11	189.34	11	193.81
9	194.11	9	199.41
7	197.08	7	202.92
5	200.04	5	206.43
3	198.4	3	202.23
1	196.76	1	198.04
0	195.94	0	195.94
-1	196.76	-1	194.2
-3	198.4	-3	190.71
-5	200.04	-5	187.22
-7	197.08	-7	178.67
-9	194.11	-9	170.12
-11	189.34	-11	161.04
-13	182.77	-13	151.42
-15	176.2	-15	141.8
-17	165.38	-17	132.29
-19.5	151.86	-19.5	120.4
-22.5	117.62	-22.5	106.01
-25.5	80.63	-25.5	91.36
-29	42.43	-29	72.9
-33	12.76	-33	45.16
-37.5	.15	-37.5	21.72
-42.5	.06	-42.5	8.25
-47.5	.05	-47.5	1.95
-55	.04	-55	.38
-65	.05	-65	.17
-75	.03	-75	.08
-85	.04	-85	.04
-90	.06	-90	.04

AXIAL CANDELA DISPLAY

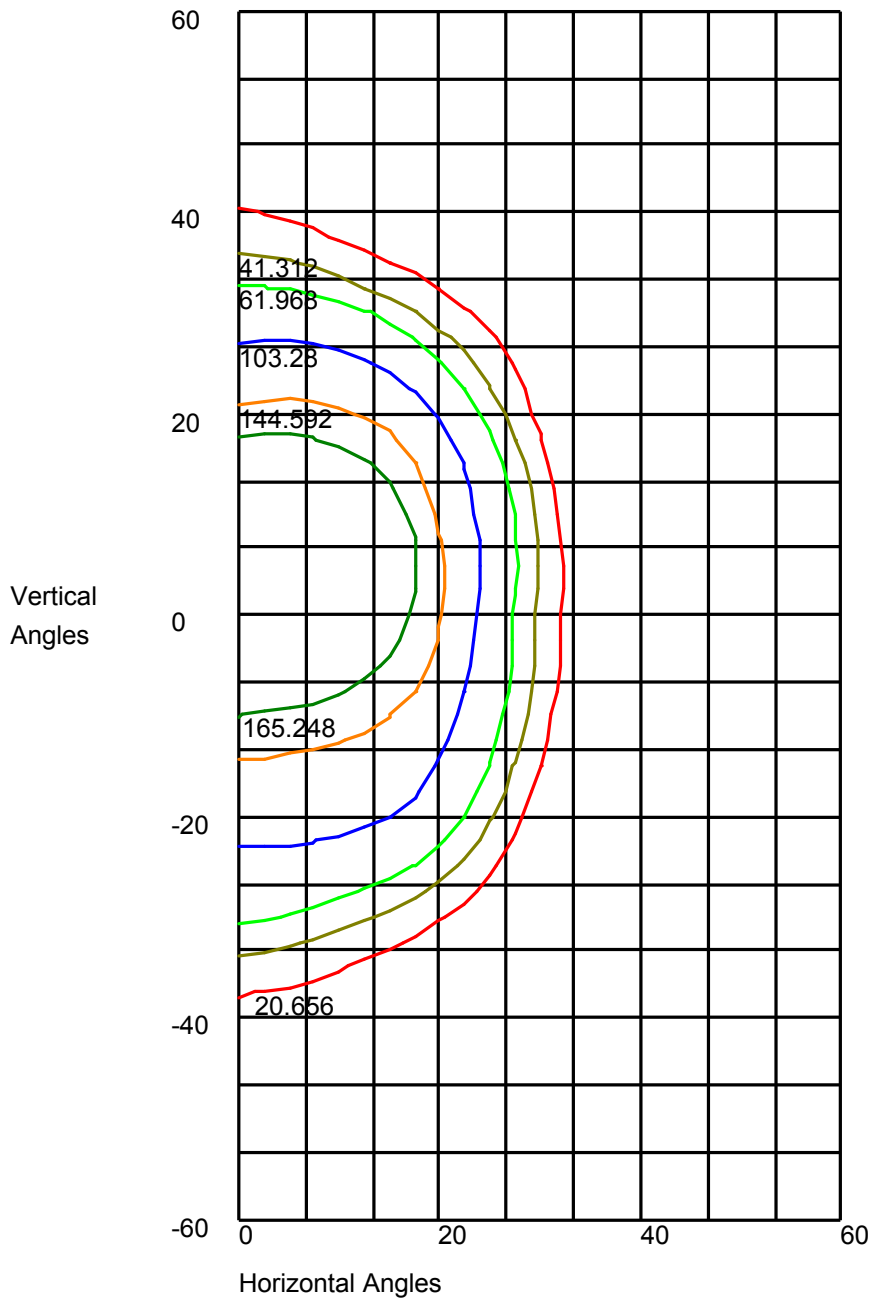


Maximum Candela = 206.56 Located At Horizontal Angle = -1, Vertical Angle = 5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 206.56 Located At Horizontal Angle = -1, Vertical Angle = 5
50% Maximum Candela = 103.28
10% Maximum Candela = 20.656