

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : QUA2-12-L827.IES

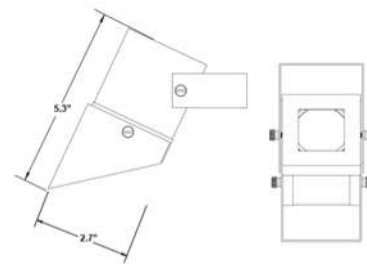
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3350  
[TESTLAB] Labsphere  
[ISSUEDATE] 9/20/2019 10:37:11 AM  
[MANUFAC] TORO  
[LUMINAIRE] QUA2-12-L827  
[LAMP] LED-8W-CM6FL27K  
[ \_AMBIENT] 22.5 deg C  
[ \_POWERFACTOR] 0.9208  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.71  
[ \_VOLTAGE] 11.97  
[ \_Lumens] 590  
[ \_END VOLTS] 11.95  
[ \_END CURRENT] 0.64  
[ \_END POWER] 7.08

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1620.23
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	32.7
Vertical Beam Angle (50%)	35.6
Horizontal Field Angle (10%)	52.2
Vertical Field Angle (10%)	58.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	318
Beam Efficiency	N.A.
Field Lumens	511
Field Efficiency	N.A.
Spill Lumens	36
Luminaire Lumens	547
Total Efficiency	N.A.
Total Luminaire Watts	7.79
Ballast Factor	1.00

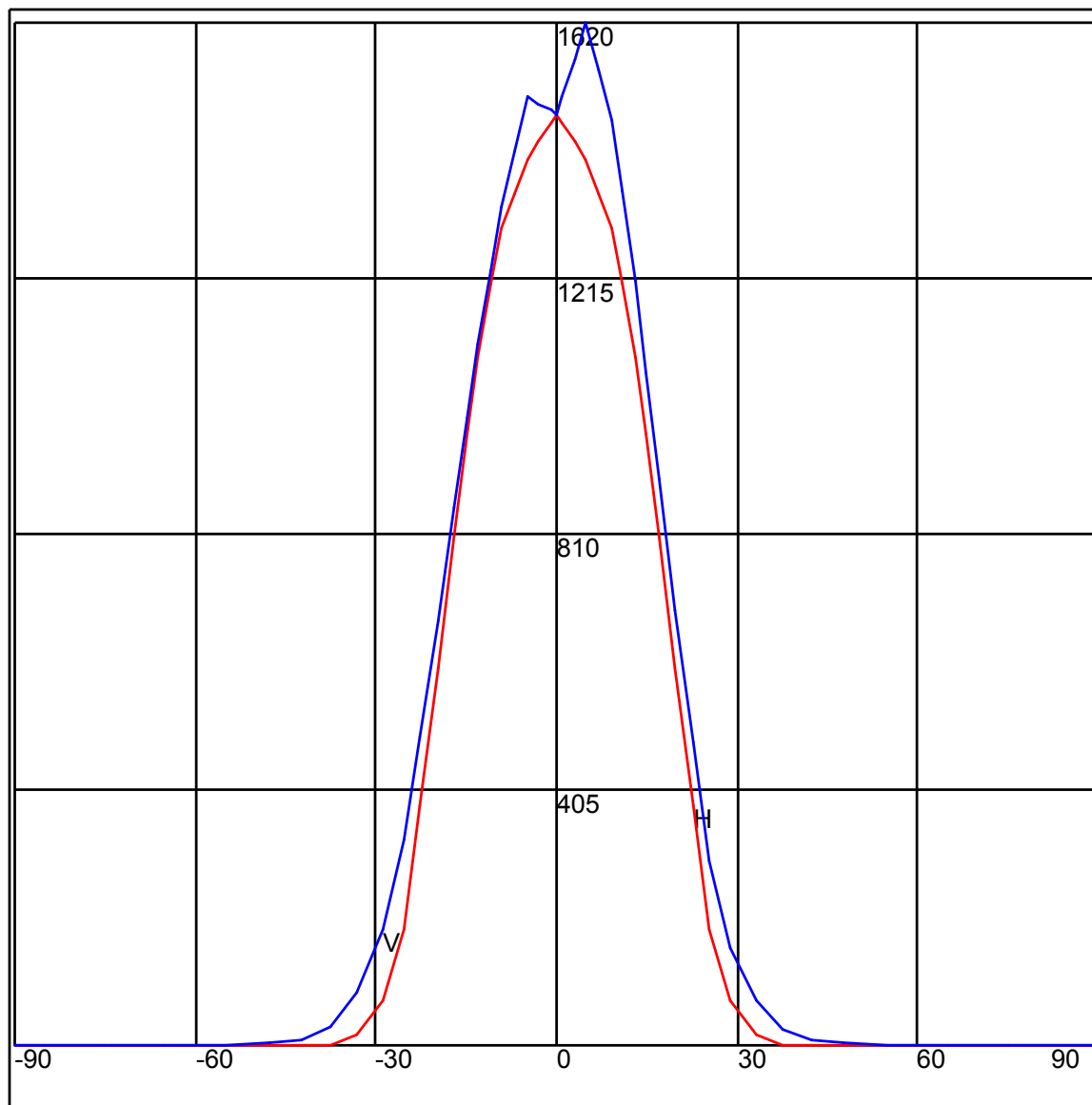


**IES FLOOD REPORT**  
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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.37	90	.35
85	.47	85	.34
75	.39	75	.44
65	.28	65	.41
55	.43	55	.71
47.5	.47	47.5	2.76
42.5	.41	42.5	8.29
37.5	.55	37.5	24.88
33	16.09	33	69.06
29	71.21	29	155.27
25.5	183.23	25.5	292.55
22.5	376.83	22.5	480.01
19.5	595.84	19.5	689.45
17	802.93	17	897.42
15	968.6	15	1063.8
13	1086.38	13	1207.42
11	1204.17	11	1351.04
9	1290.86	9	1462.33
7	1346.47	7	1541.28
5	1402.08	5	1620.23
3	1430.73	3	1561.62
1	1459.38	1	1503.01
0	1473.71	0	1473.71
-1	1459.38	-1	1478.99
-3	1430.73	-3	1489.54
-5	1402.08	-5	1500.09
-7	1346.47	-7	1413.11
-9	1290.86	-9	1326.12
-11	1204.17	-11	1224.66
-13	1086.38	-13	1108.73
-15	968.6	-15	992.79
-17	802.93	-17	849.67
-19.5	595.84	-19.5	670.78
-22.5	376.83	-22.5	488.9
-25.5	183.23	-25.5	322.68
-29	71.21	-29	181.89
-33	16.09	-33	84.24
-37.5	.55	-37.5	28.86
-42.5	.41	-42.5	7.36
-47.5	.47	-47.5	1.73
-55	.43	-55	.49
-65	.28	-65	.52
-75	.39	-75	.48
-85	.47	-85	.22
-90	.37	-90	.45

AXIAL CANDELA DISPLAY

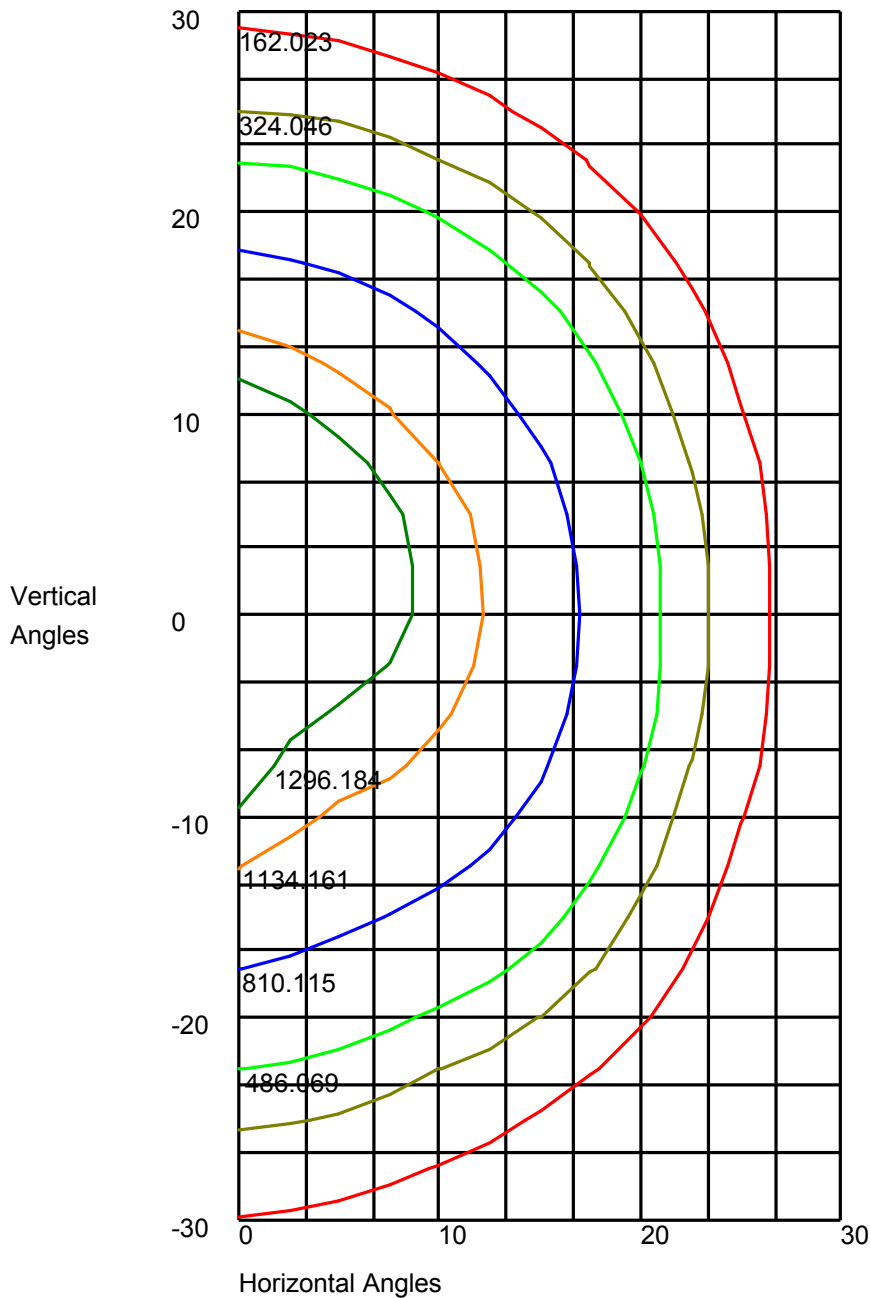


Maximum Candela = 1620.23 Located At Horizontal Angle = 0, Vertical Angle = 5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1620.23 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 810.115  
10% Maximum Candela = 162.023