

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : QUA1-12-L530.IES

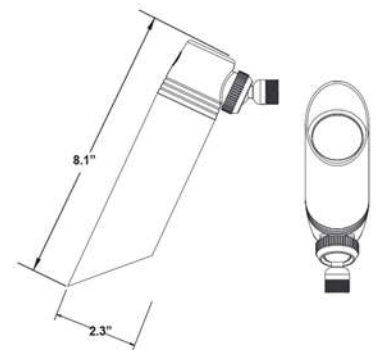
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3312  
[TESTLAB] Labsphere  
[ISSUEDATE] 8/6/2019 10:27:38 AM  
[MANUFAC] TORO  
[LUMINAIRE] QUA1-12-L530  
[LAMP] LED-5W-CM6FL30K  
[POWERFACTOR] 0.9174  
[ATHD] 0.00%  
[CURRENT] 0.43  
[VOLTAGE] 12.01  
[Lumens] 180.82  
[END VOLTS] 12.01  
[END CURRENT] 0.41  
[END POWER] 4.53

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

### CHARACTERISTICS

NEMA Type	3 H x 3 V
Maximum Candela	1016
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	23.0
Vertical Beam Angle (50%)	26.7
Horizontal Field Angle (10%)	35.6
Vertical Field Angle (10%)	43.8
Lumens Per Lamp	390 (1 lamp)
Total Lamp Lumens	390
Beam Lumens	114
Beam Efficiency	29 %
Field Lumens	170
Field Efficiency	44 %
Spill Lumens	12
Luminaire Lumens	182
Total Efficiency	47 %
Total Luminaire Watts	4.71
Ballast Factor	1.00

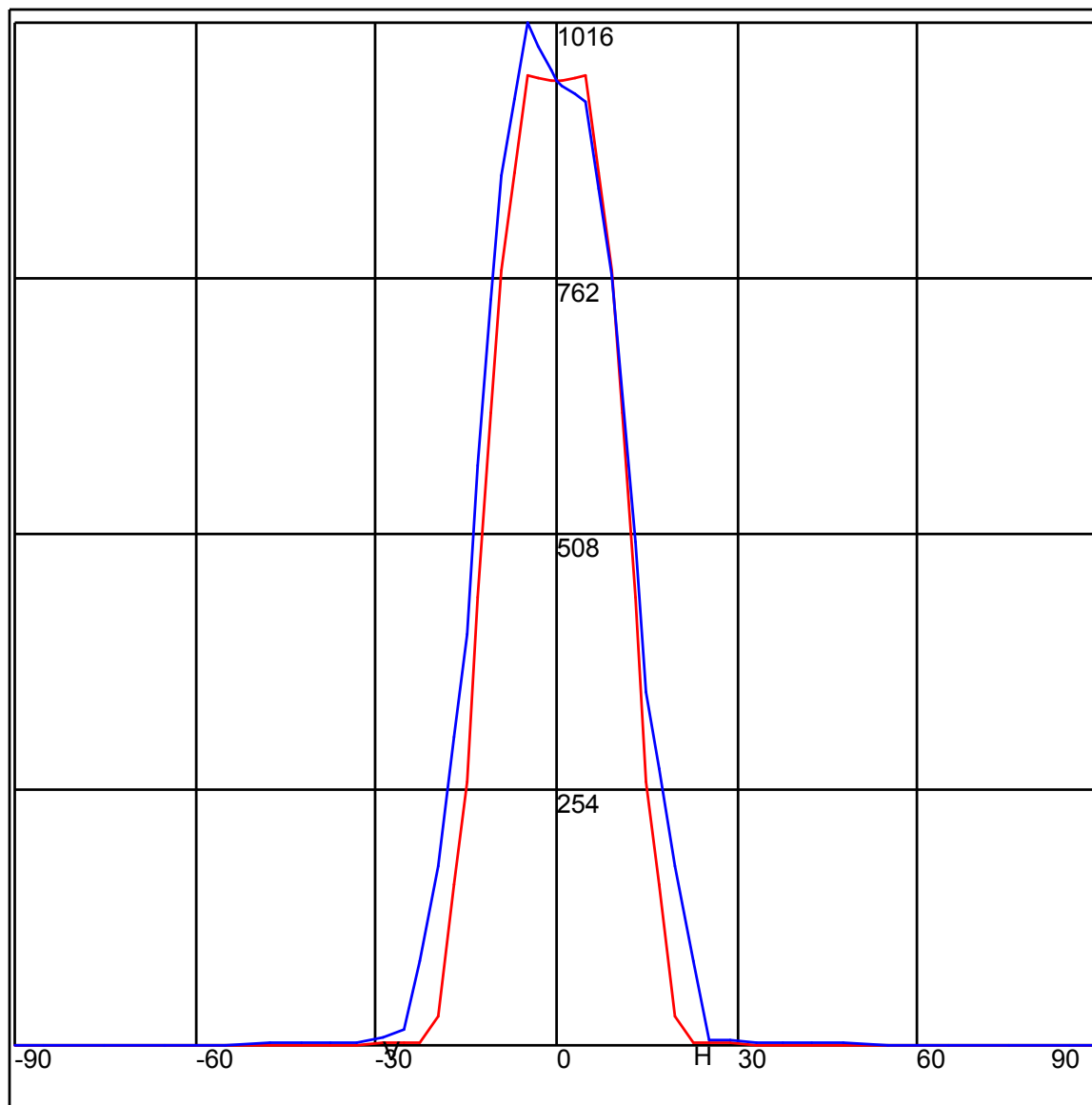


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : QUA1-12-L530.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.23	90	.18
85	.3	85	.2
75	.23	75	.24
65	.23	65	.24
55	.18	55	.31
47.5	.2	47.5	.67
42.5	.21	42.5	1.17
37.5	.23	37.5	1.76
33	.34	33	2.52
29	.62	29	3.78
25.5	1.02	25.5	5.64
22.5	1.11	22.5	82.19
19.5	27.23	19.5	177.75
17	157.68	17	274.15
15	262.04	15	351.27
13	445.07	13	498.64
11	628.1	11	646.01
9	768.12	9	762.98
7	865.14	7	849.57
5	962.16	5	936.16
3	960.02	3	944.42
1	957.88	1	952.68
0	956.81	0	956.81
-1	957.88	-1	968.65
-3	960.02	-3	992.32
-5	962.16	-5	1016
-7	865.14	-7	939.38
-9	768.12	-9	862.77
-11	628.1	-11	741.2
-13	445.07	-13	574.67
-15	262.04	-15	408.14
-17	157.68	-17	305.73
-19.5	27.23	-19.5	177.71
-22.5	1.11	-22.5	83.76
-25.5	1.02	-25.5	14.22
-29	.62	-29	5.97
-33	.34	-33	3.01
-37.5	.23	-37.5	2.05
-42.5	.21	-42.5	1.28
-47.5	.2	-47.5	.85
-55	.18	-55	.37
-65	.23	-65	.22
-75	.23	-75	.2
-85	.3	-85	.22
-90	.23	-90	.23

AXIAL CANDELA DISPLAY

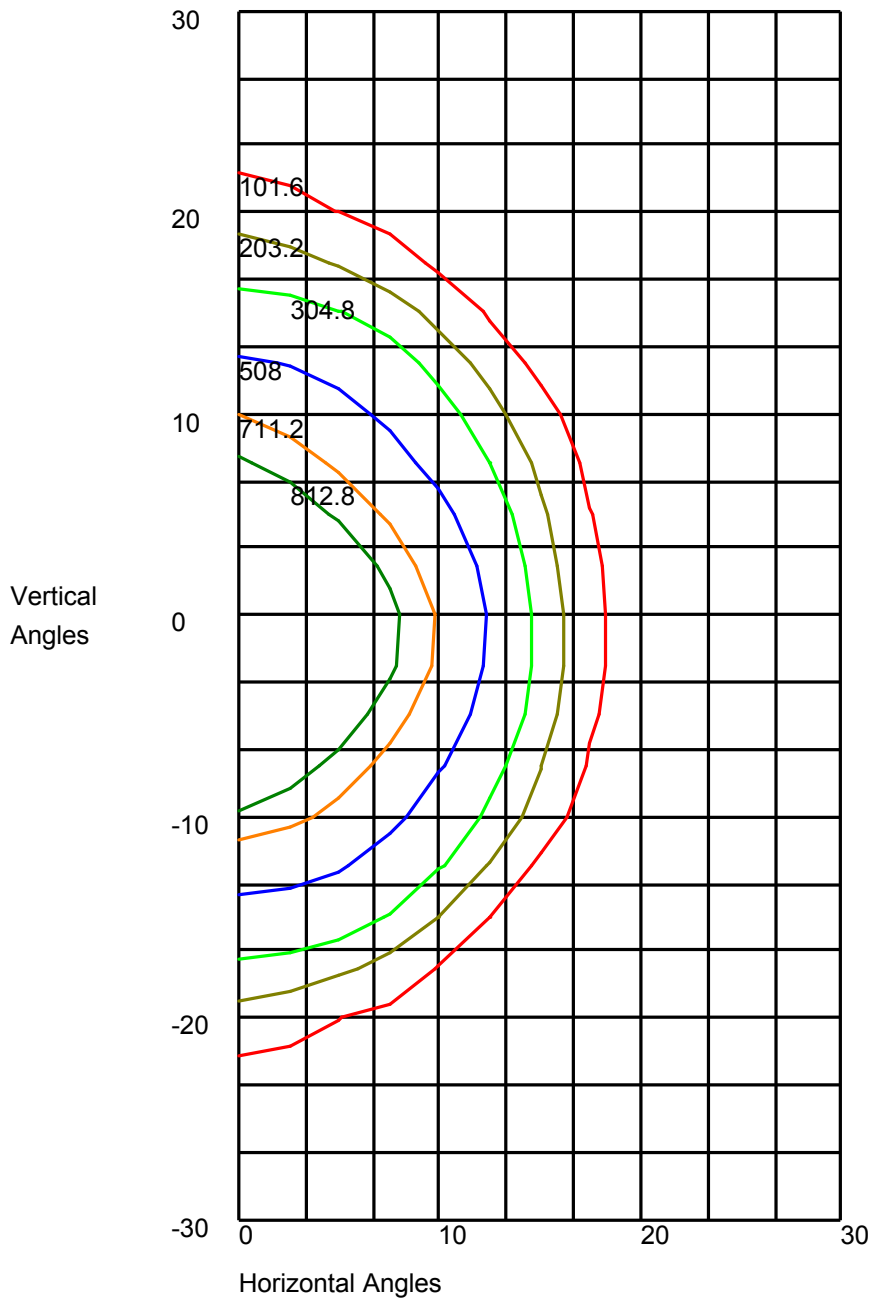


Maximum Candela = 1016 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1016 Located At Horizontal Angle = 0, Vertical Angle = -5  
50% Maximum Candela = 508  
10% Maximum Candela = 101.6