

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : QUA2-12-L430.IES

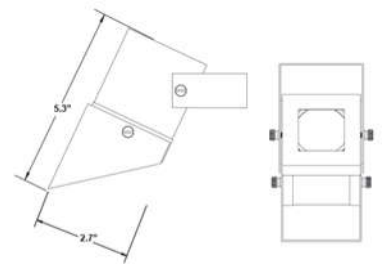
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3347  
[TESTLAB] Labsphere  
[ISSUEDATE] 9/17/2019 8:09:16 AM  
[MANUFAC] TORO  
[LUMINAIRE] QUA2-12-L430  
[LAMP] LED-4W-CM6FL30K  
[ \_AMBIENT] 0.0 deg C  
[ \_POWERFACTOR] 0.5847  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.53  
[ \_VOLTAGE] 12.04  
[ \_Lumens] 310  
[ \_END VOLTS] 12.04  
[ \_END CURRENT] 0.51  
[ \_END POWER] 3.62

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	747.92
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	35.2
Vertical Beam Angle (50%)	37.8
Horizontal Field Angle (10%)	55.4
Vertical Field Angle (10%)	65.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	158
Beam Efficiency	N.A.
Field Lumens	268
Field Efficiency	N.A.
Spill Lumens	17
Luminaire Lumens	285
Total Efficiency	N.A.
Total Luminaire Watts	3.72
Ballast Factor	1.00

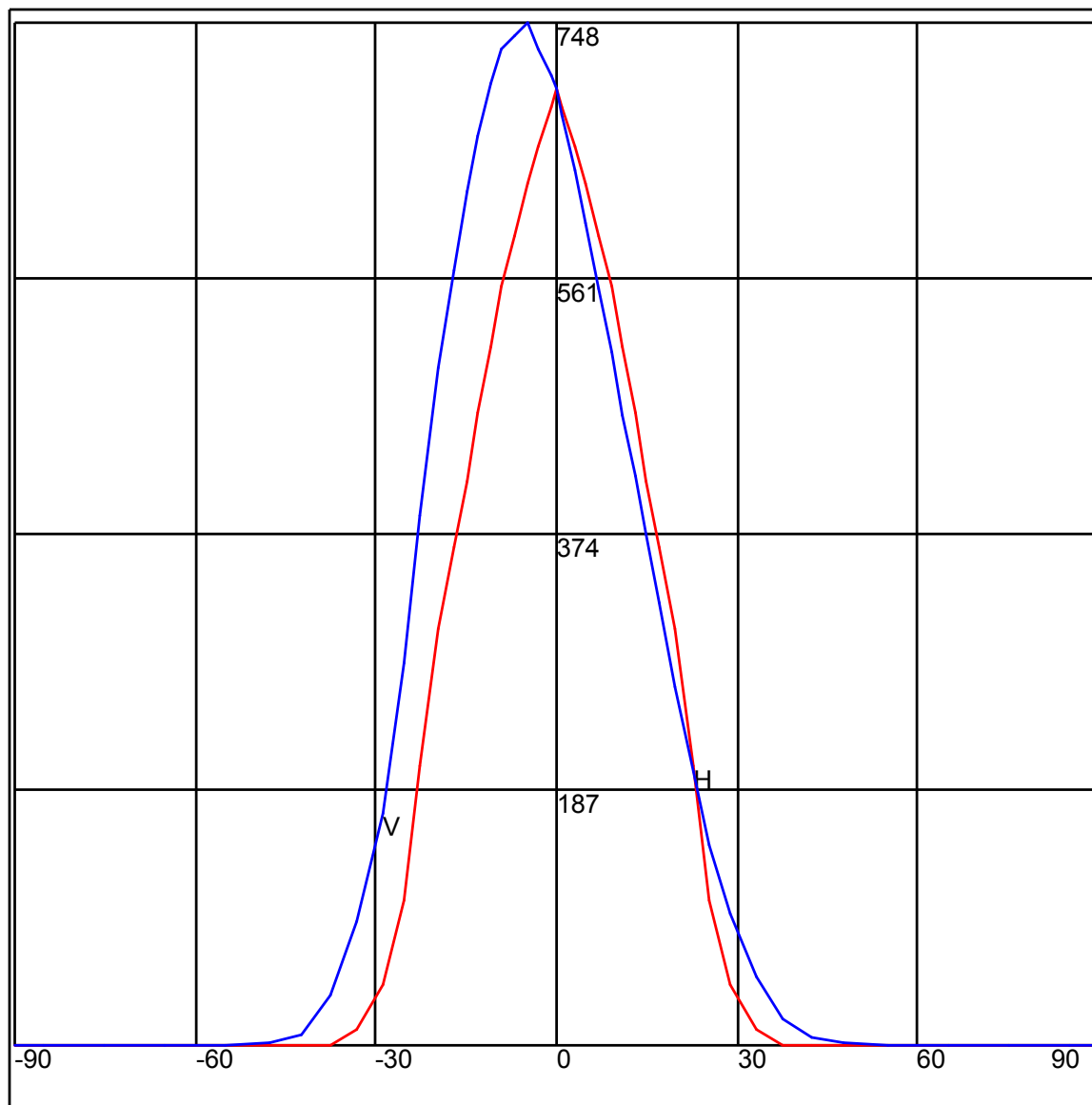


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : QUA2-12-L430.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.19	90	.2
85	.18	85	.26
75	.23	75	.22
65	.15	65	.28
55	.19	55	.44
47.5	.17	47.5	1.18
42.5	.17	42.5	6.22
37.5	.19	37.5	19.12
33	11.08	33	48.73
29	44.7	29	94.94
25.5	105.16	25.5	145.2
22.5	203.15	22.5	200.75
19.5	304.41	19.5	261.43
17	363.95	17	323.05
15	411.58	15	372.35
13	461.11	13	416.25
11	510.64	11	460.15
9	554.12	9	505.71
7	591.53	7	552.92
5	628.95	5	600.14
3	657.09	3	639.8
1	685.22	1	679.46
0	699.29	0	699.29
-1	685.22	-1	709.02
-3	657.09	-3	728.47
-5	628.95	-5	747.92
-7	591.53	-7	738.1
-9	554.12	-9	728.27
-11	510.64	-11	703.38
-13	461.11	-13	663.43
-15	411.58	-15	623.48
-17	363.95	-17	566.06
-19.5	304.41	-19.5	494.29
-22.5	203.15	-22.5	387.51
-25.5	105.16	-25.5	279.21
-29	44.7	-29	168.15
-33	11.08	-33	89.25
-37.5	.19	-37.5	36.02
-42.5	.17	-42.5	7.59
-47.5	.17	-47.5	.65
-55	.19	-55	.3
-65	.15	-65	.26
-75	.23	-75	.2
-85	.18	-85	.2
-90	.19	-90	.19

AXIAL CANDELA DISPLAY

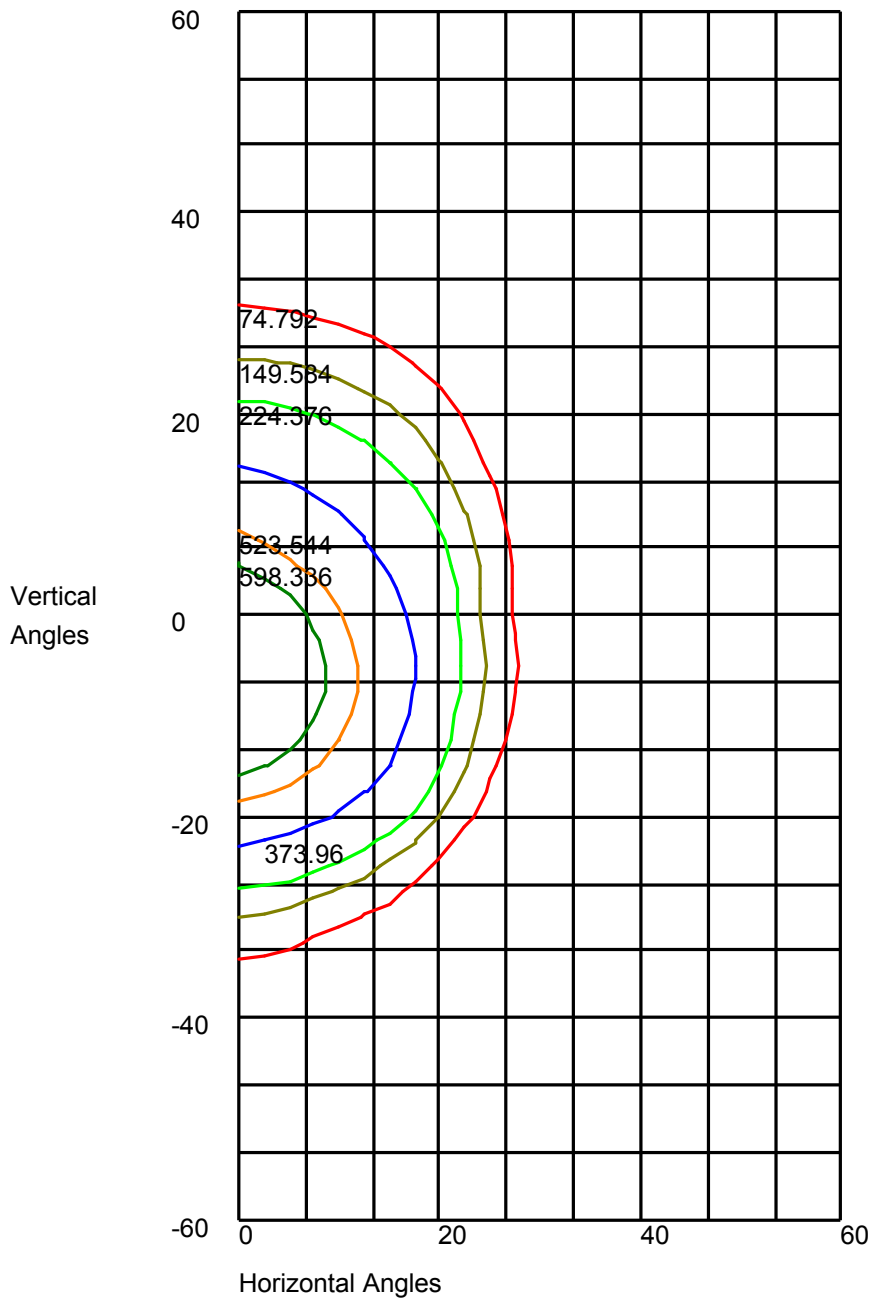


Maximum Candela = 747.92 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 747.92 Located At Horizontal Angle = 0, Vertical Angle = -5  
50% Maximum Candela = 373.96  
10% Maximum Candela = 74.792