

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : COMH-12-L530.IES

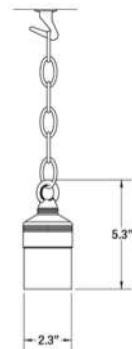
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3327
[TESTLAB] Labsphere
[ISSUEDATE] 8/20/2019 11:37:34 AM
[MANUFAC] TORO
[LUMINAIRE] COMH-12-L530
[LAMP] LED-5W-CM6FL30K
[_AMBIENT] 21.9 deg C
[_POWERFACTOR] 0.9175
[_ATHD] 0.00%
[_CURRENT] 0.43
[_VOLTAGE] 11.99
[_Lumens] 452.33
[_END VOLTS] 12.00
[_END CURRENT] 0.42
[_END POWER] 4.57

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

CHARACTERISTICS

| | |
|------------------------------|-----------------|
| NEMA Type | 4 H x 4 V |
| Maximum Candela | 960.96 |
| Maximum Candela Angle | 0H -5V |
| Horizontal Beam Angle (50%) | 37.1 |
| Vertical Beam Angle (50%) | 40.0 |
| Horizontal Field Angle (10%) | 64.7 |
| Vertical Field Angle (10%) | 65.3 |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Beam Lumens | 248 |
| Beam Efficiency | N.A. |
| Field Lumens | 402 |
| Field Efficiency | N.A. |
| Spill Lumens | 52 |
| Luminaire Lumens | 454 |
| Total Efficiency | N.A. |
| Total Luminaire Watts | 4.74 |
| Ballast Factor | 1.00 |

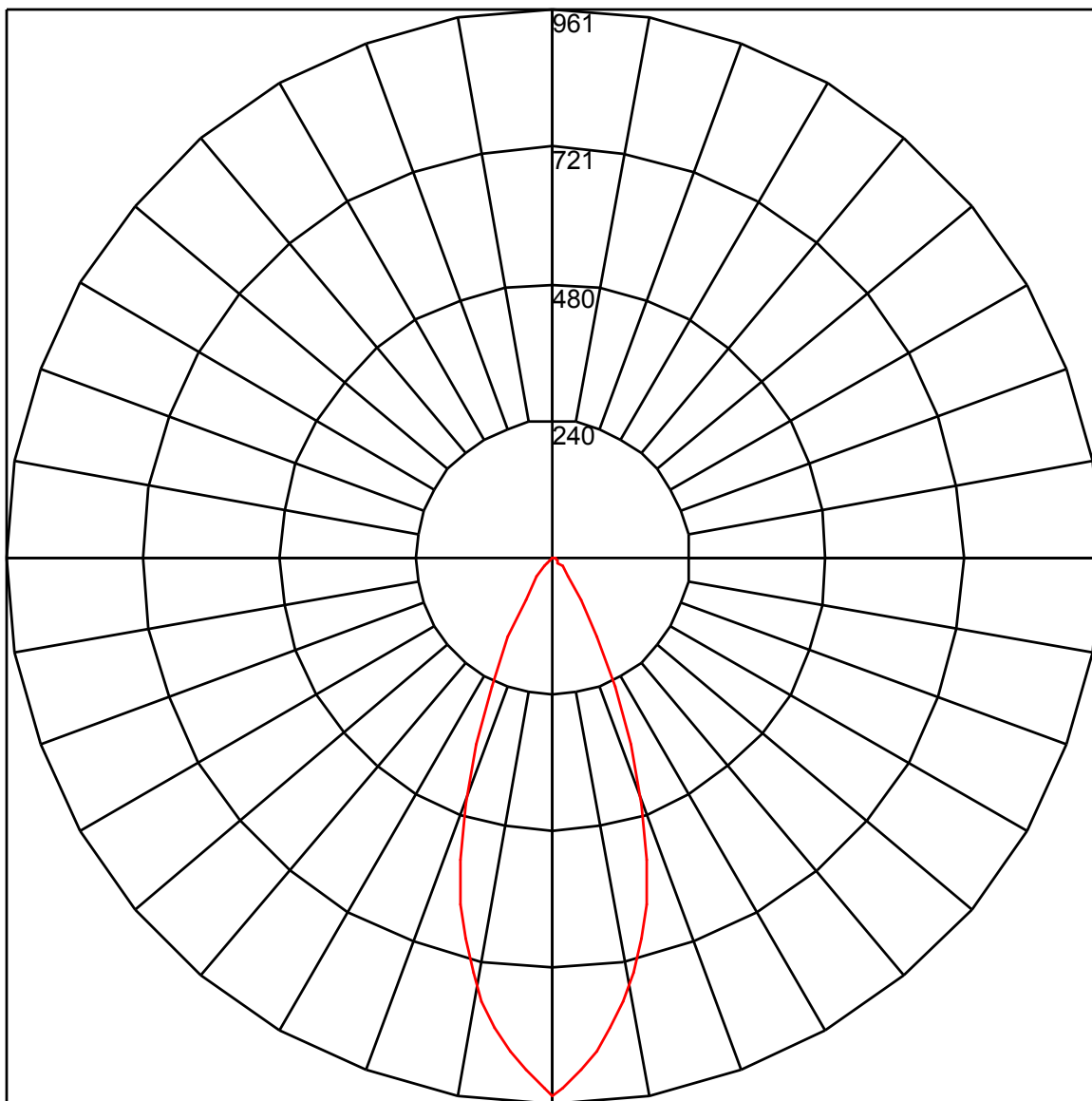


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AXIAL CANDELA

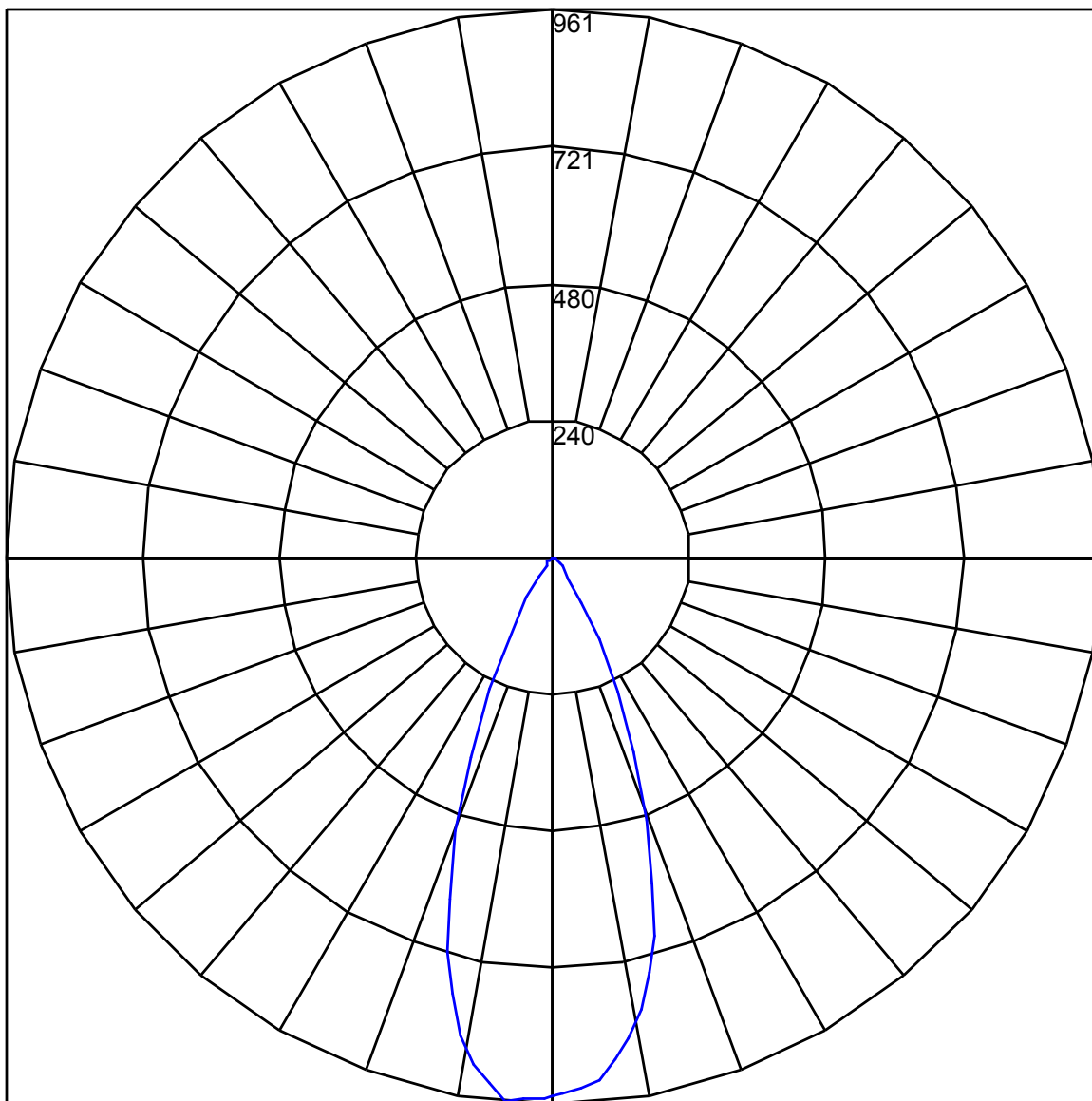
| DEG. | HOR. | DEG. | VERT. |
|-------|--------|-------|--------|
| 90 | .33 | 90 | .31 |
| 85 | .3 | 85 | .34 |
| 75 | 1.1 | 75 | .94 |
| 65 | 3.86 | 65 | 4.08 |
| 55 | 7.69 | 55 | 8.43 |
| 47.5 | 12.64 | 47.5 | 13.6 |
| 42.5 | 21.63 | 42.5 | 22.35 |
| 37.5 | 44.44 | 37.5 | 45.81 |
| 33 | 90.63 | 33 | 93.09 |
| 29 | 161.09 | 29 | 165.66 |
| 25.5 | 252.15 | 25.5 | 260.42 |
| 22.5 | 354.63 | 22.5 | 372.64 |
| 19.5 | 463.08 | 19.5 | 492.93 |
| 17 | 558.04 | 17 | 601 |
| 15 | 634.01 | 15 | 687.46 |
| 13 | 689.17 | 13 | 748.54 |
| 11 | 744.32 | 11 | 809.62 |
| 9 | 792.03 | 9 | 856.97 |
| 7 | 832.28 | 7 | 890.6 |
| 5 | 872.53 | 5 | 924.23 |
| 3 | 902.25 | 3 | 933.27 |
| 1 | 931.96 | 1 | 942.3 |
| 0 | 946.82 | 0 | 946.82 |
| -1 | 931.96 | -1 | 949.65 |
| -3 | 902.25 | -3 | 955.3 |
| -5 | 872.53 | -5 | 960.96 |
| -7 | 832.28 | -7 | 931.94 |
| -9 | 792.03 | -9 | 902.91 |
| -11 | 744.32 | -11 | 854.68 |
| -13 | 689.17 | -13 | 787.23 |
| -15 | 634.01 | -15 | 719.79 |
| -17 | 558.04 | -17 | 626.42 |
| -19.5 | 463.08 | -19.5 | 509.71 |
| -22.5 | 354.63 | -22.5 | 379.72 |
| -25.5 | 252.15 | -25.5 | 258.82 |
| -29 | 161.09 | -29 | 159.16 |
| -33 | 90.63 | -33 | 85.94 |
| -37.5 | 44.44 | -37.5 | 40.34 |
| -42.5 | 21.63 | -42.5 | 19.31 |
| -47.5 | 12.64 | -47.5 | 11.92 |
| -55 | 7.69 | -55 | 7.36 |
| -65 | 3.86 | -65 | 3.72 |
| -75 | 1.1 | -75 | .97 |
| -85 | .3 | -85 | .33 |
| -90 | .33 | -90 | .26 |

AXIAL CANDELA DISPLAY



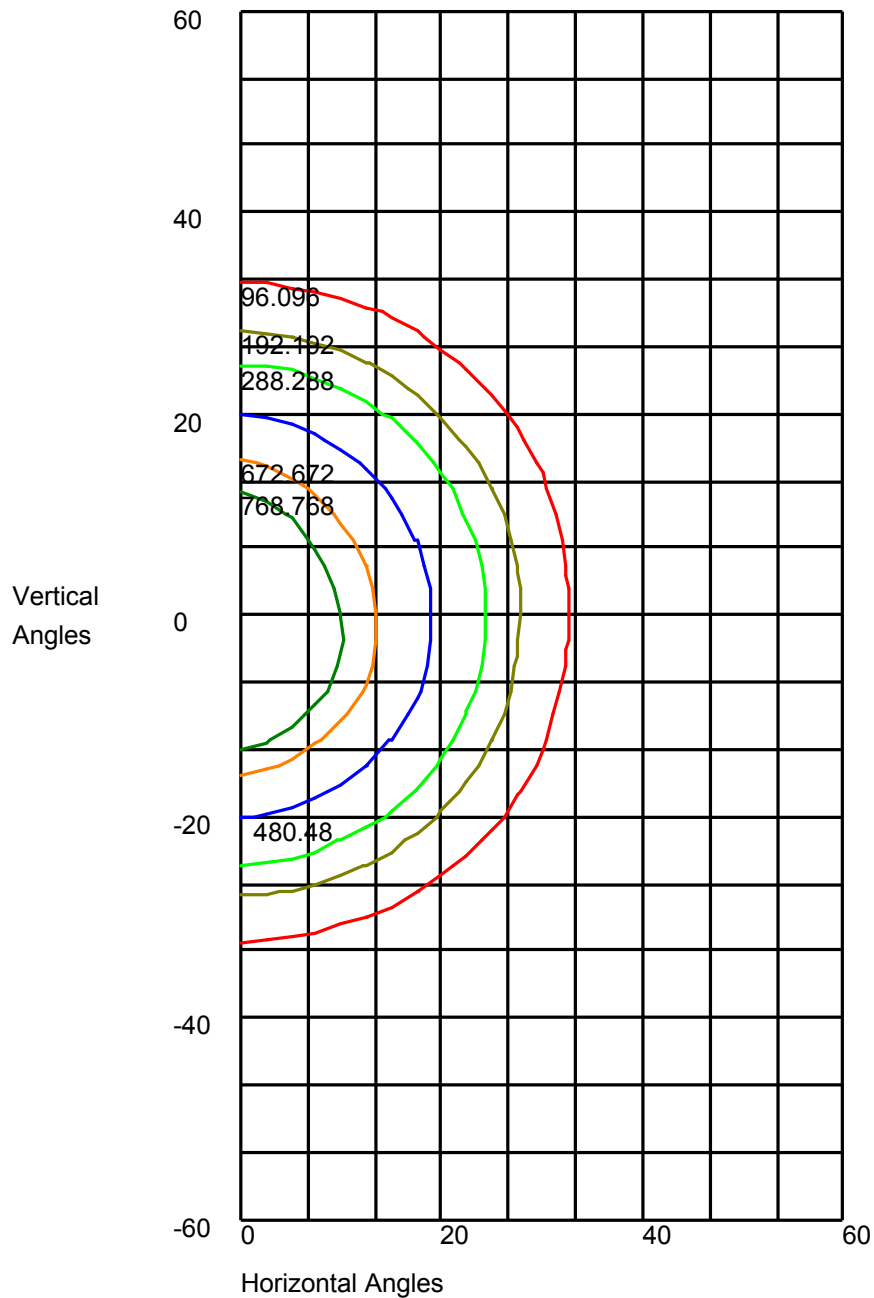
Maximum Candela = 960.96 Located At Horizontal Angle = 0, Vertical Angle = -5
Horizontal Axial Candela

AXIAL CANDELA DISPLAY



Maximum Candela = 960.96 Located At Horizontal Angle = 0, Vertical Angle = -5
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 960.96 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 480.48
10% Maximum Candela = 96.096