IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-25W-LED-XX-CM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 193028
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2021-04-05 16:17:58
[ISSUEDATE] 2021-04-05 16:17:58
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] EPL-MJ-25W-LED-XX-CM-50K
[LUMINAIRE] CLASS 1 DIV 1 EXPLOSION PROOF LED MASON JAR FIXTURE
[MORE] CEILING MOUNT, 5000K
[LAMPPOSITION] 0,0
[OTHER] ZVISION 9107GT SYSTEM

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	551.23
Maximum Candela Angle	42.5H -22.5V
Horizontal Beam Angle (50%)	180.0
Vertical Beam Angle (50%)	180.0
Horizontal Field Angle (10%)	180.0
Vertical Field Angle (10%)	180.0
Lumens Per Lamp	3735.49 (1 lamp)
Total Lamp Lumens	3735.49
Beam Lumens	2725
Beam Efficiency	73 %
Field Lumens	2725
Field Efficiency	73 %
Spill Lumens	0
Luminaire Lumens	2725
Total Efficiency	73 %
Total Luminaire Watts	24.9
Ballast Factor	1.00



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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	386.8	90	343.15
85	397.15	85	368.11
75	441.2	75	419.75
65	479.09	65	470.55
55	521.23	55	504.96
47.5	534.44	47.5	524.63
42.5	521.86	42.5	486.93
37.5	472.45	37.5	469.98
33	402.18	33	469.34
29	382.79	29	444.71
25.5	304.86	25.5	313.51
22.5	310.9	22.5	314.77
19.5	324.96	19.5	319.12
17	345.6	17	316.28
15	365.93	15	332.47
13	373.38	13	351.34
11	371.16	11	365.65
9	407.59	9	391.32
7	397.05	7	393.76
5	410.33	5	399.47
3	400.75	3	396.31
1	393.54	1	392.04
0	398.71	0	398.71
-1	387.7	-1	394.14
-3	382.07	-3	404.25
-5	377.99	-5	403.83
-7	384.71	-7	389.46
-9	371.08	-9	383.36
-11	365.61	-11	376.79
-13	353.53	-13	380.64
-15	331.7	-15	372.84
-17	330.64	-17	356.27
-19.5	321.71	-19.5	341.49
-22.5	315.04	-22.5	321.79
-25.5	319.22	-25.5	317.82
-29	337.25	-29	323.19
-33	402.59	-33	399.42
-37.5	466.05	-37.5	475.82
-42.5	456.25	-42.5	482.91
-47.5	486.98	-47.5	489.47
-55	492.72	-55	477.02
-65	446.68	-65	457.46
-75	411.29	-75	444
-85	377.17	-85	403.53
-90	363.43	-90	389.21

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CANDELA TABULATION
Maximum Candela = 551.23
Beam Edge = 275.615 Cd (50% of Max.)
Field Edge = 55.123 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	363.36 *	359.10 *	350.55 *	348.49 *	365.88 *	378.92 *	383.28 *	383.33 *	383.37 *	383.40 *
85.0	363.37 *	362.18 *	357.68 *	359.09 *	379.03 *	393.64 *	398.39 *	397.97 *	397.46 *	397.07 *
75.0	363.38 *	365.62 *	365.65 *	378.29 *	405.78 *	424.33 *	431.85 *	431.79 *	431.85 *	432.16 *
65.0	363.39 *	368.30 *	378.81 *	398.13 *	424.24 *	439.95 *	447.70 *	449.95 *	452.24 *	454.98 *
55.0	363.40 *	369.94 *	392.20 *	414.06 *	442.23 *	454.03 *	467.37 *	470.59 *	468.20 *	467.61 *
47.5	363.40 *	371.08 *	397.38 *	426.13 *	447.70 *	470.87 *	466.38 *	473.88 *	485.86 *	489.47 *
42.5	363.41 *	371.89 *	400.08 *	431.65 *	459.12 *	464.23 *	474.52 *	489.78 *	482.91 *	491.10 *
37.5	363.41 *	372.74 *	401.96 *	433.92 *	470.43 *	469.55 *	491.40 *	482.90 *	500.99 *	509.10 *
33.0	363.42 *	373.46 *	403.73 *	437.17 *	466.13 *	483.59 *	491.26 *	486.53 *	498.57 *	494.46 *
29.0	363.42 *	374.12 *	406.04 *	439.70 *	459.51 *	496.56 *	476.00 *	490.00 *	486.33 *	493.64 *
25.5	363.42 *	374.66 *	408.40 *	441.42 *	459.91 *	501.19 *	467.57 *	488.46 *	459.76 *	485.07 *
22.5	363.42 *	375.12 *	409.69 *	442.55 *	463.64 *	488.22 *	469.93 *	476.42 *	440.04 *	465.51 *
19.5	363.42 *	375.53 *	410.51 *	444.12 *	468.20 *	476.00 *	476.60 *	444.43 *	462.30 *	420.57 *
17.0	363.42 *	375.85 *	410.74 *	445.39 *	473.46 *	473.08 *	481.09 *	419.16 *	467.51 *	385.34 *
15.0	363.43 *	376.07 *	410.92 *	446.19 *	478.06 *	471.93 *	485.72 *	405.62 *	436.43 *	402.61 *
13.0	363.43 *	376.28 *	411.11 *	446.65 *	482.95 *	471.51 *	485.17 *	409.42 *	410.09 *	419.33 *
11.0	363.43 *	376.75 *	411.30 *	446.95 *	485.82 *	471.95 *	479.10 *	425.33 *	378.87 *	403.49 *
9.0	363.43 *	376.82 *	411.43 *	447.28 *	488.33 *	474.37 *	471.38 *	443.39 *	370.45 *	377.44 *
7.0	363.43 *	376.90 *	411.50 *	447.43 *	489.91 *	477.45 *	464.61 *	459.11 *	374.02 *	357.65 *
5.0	363.43 *	376.98 *	411.68 *	447.40 *	491.12 *	480.76 *	460.76 *	463.81 *	382.81 *	346.31 *
3.0	363.43 *	377.05 *	411.53 *	447.36 *	492.26 *	484.28 *	457.44 *	465.74 *	392.45 *	340.68 *
1.0	363.43 *	377.13 *	411.37 *	446.91 *	492.57 *	486.08 *	456.65 *	465.91 *	400.23 *	337.59 *
0.0	363.43 *	377.17 *	411.29 *	446.68 *	492.72 *	486.98 *	456.25 *	466.05 *	402.59 *	337.25 *
-1.0	363.43 *	377.17 *	411.69 *	446.94 *	492.11 *	486.50 *	456.92 *	464.85 *	401.08 *	336.58 *
-3.0	363.43 *	377.46 *	412.49 *	447.45 *	490.88 *	485.55 *	458.26 *	463.69 *	396.06 *	337.18 *
-5.0	363.43 *	377.66 *	413.28 *	447.69 *	489.15 *	483.47 *	462.30 *	463.64 *	391.92 *	339.14 *
-7.0	363.43 *	377.85 *	413.74 *	448.00 *	487.62 *	482.03 *	467.01 *	464.30 *	390.56 *	342.86 *
-9.0	363.43 *	378.05 *	414.32 *	448.32 *	486.15 *	481.21 *	473.39 *	462.17 *	393.04 *	347.17 *
-11.0	363.43 *	378.24 *	414.83 *	448.67 *	484.35 *	481.29 *	479.37 *	458.89 *	402.64 *	349.98 *
-13.0	363.43 *	378.05 *	415.28 *	449.27 *	482.77 *	482.52 *	482.46 *	453.30 *	416.07 *	348.59 *
-15.0	363.43 *	378.11 *	415.73 *	449.98 *	479.95 *	483.08 *	479.99 *	449.21 *	429.22 *	365.55 *
-17.0	363.43 *	378.15 *	416.08 *	450.49 *	477.44 *	482.34 *	476.05 *	448.11 *	434.79 *	390.14 *
-19.5	363.43 *	378.16 *	416.48 *	451.03 *	474.39 *	480.11 *	474.59 *	450.46 *	452.60 *	395.42 *
-22.5	363.42 *	378.14 *	416.27 *	451.20 *	471.72 *	477.72 *	473.57 *	472.53 *	451.34 *	408.57 *
-25.5	363.42 *	378.07 *	415.41 *	450.99 *	469.88 *	473.01 *	477.49 *	478.83 *	423.69 *	461.99 *
-29.0	363.42 *	378.00 *	413.23 *	447.79 *	466.45 *	468.64 *	477.83 *	476.79 *	454.19 *	411.31 *
-33.0	363.42 *	377.85 *	411.58 *	442.61 *	456.30 *	476.00 *	475.76 *	458.29 *	479.80 *	441.21 *
-37.5	363.42 *	377.70 *	411.53 *	437.95 *	449.05 *	470.83 *	475.23 *	470.38 *	443.61 *	481.52 *
-42.5	363.41 *	377.41 *	412.17 *	437.15 *	457.36 *	456.77 *	465.38 *	479.26 *	473.26 *	454.53 *
-47.5	363.41 *	377.15 *	411.94 *	440.73 *	456.14 *	447.87 *	448.81 *	452.88 *	481.17 *	480.05 *
-55.0	363.40 *	376.83 *	411.78 *	438.24 *	434.93 *	441.14 *	448.05 *	447.08 *	441.40 *	444.01 *
-65.0	363.40 *	376.37 *	401.73 *	425.17 *	422.46 *	422.51 *	416.07 *	419.68 *	424.02 *	428.33 *
-75.0	363.39 *	374.83 *	389.27 *	409.95 *	400.97 *	386.85 *	381.40 *	385.90 *	391.02 *	395.33 *
-85.0	363.38 *	372.31 *	386.16 *	389.16 *	365.93 *	349.41 *	345.60 *	349.69 *	353.18 *	356.45 *
-90.0	363.37 *	369.63 *	382.14 *	385.68 *	362.31 *	344.77 *	339.45 *	340.49 *	341.43 *	342.26 *

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	383.43 *	383.45 *	378.08 *	373.60 *	370.02 *	366.44 *	362.86 *	359.28 *	355.69 *	352.11 *
85.0	396.72 *	396.39 *	392.70 *	389.57 *	387.08 *	384.59 *	382.50 *	379.88 *	377.27 *	374.65 *
75.0	431.95 *	431.63 *	430.28 *	428.99 *	428.04 *	426.99 *	425.99 *	424.95 *	423.89 *	422.99 *
65.0	457.06 *	458.44 *	459.85 *	461.18 *	462.27 *	463.35 *	464.52 *	465.66 *	466.84 *	468.01 *
55.0	469.52 *	473.13 *	477.41 *	481.35 *	484.46 *	487.61 *	490.64 *	493.83 *	496.63 *	499.26 *
47.5	488.88 *	494.57 *	502.45 *	505.58 *	505.37 *	505.14 *	505.64 *	508.56 *	512.29 *	516.27 *
42.5	503.48 *	507.93 *	505.90 *	506.57 *	508.70 *	506.38 *	503.28 *	499.96 *	496.70 *	493.61 *
37.5	502.38 *	500.88 *	499.16 *	511.32 *	513.25 *	497.63 *	492.93 *	491.45 *	485.54 *	479.53 *
33.0	500.65 *	508.71 *	491.05 *	479.87 *	470.19 *	450.87 *	436.02 *	435.36 *	441.83 *	451.27 *
29.0	502.64 *	483.97 *	469.57 *	447.31 *	439.22 *	429.12 *	411.86 *	396.36 *	396.93 *	408.74 *
25.5	471.88 *	457.51 *	427.61 *	399.95 *	371.69 *	354.77 *	339.43 *	328.82 *	321.75 *	318.23 *
22.5	430.84 *	420.31 *	375.58 *	340.02 *	326.41 *	322.22 *	324.35 *	316.37 *	307.74 *	311.49 *
19.5	421.31 *	369.59 *	328.97 *	320.12 *	314.62 *	310.59 *	318.17 *	318.47 *	323.72 *	333.27 *
17.0	392.47 *	330.27 *	313.86 *	309.41 *	306.58 *	313.12 *	328.22 *	332.73 *	330.63 *	326.92 *
15.0	355.95 *	313.65 *	308.56 *	305.30 *	310.95 *	326.16 *	327.92 *	335.15 *	353.49 *	352.43 *
13.0	331.31 *	302.37 *	304.71 *	308.35 *	320.42 *	328.16 *	340.71 *	354.95 *	352.20 *	355.43 *
11.0	315.31 *	302.98 *	308.30 *	311.78 *	319.47 *	336.98 *	352.48 *	354.27 *	362.88 *	363.32 *
9.0	306.11 *	303.65 *	305.93 *	313.59 *	324.97 *	344.08 *	350.49 *	357.62 *	366.73 *	371.28 *
7.0	303.14 *	305.05 *	308.08 *	310.79 *	334.43 *	341.56 *	352.45 *	361.56 *	358.44 *	376.24 *
5.0	306.19 *	308.63 *	314.74 *	318.11 *	333.52 *	341.68 *	350.11 *	377.32 *	374.55 *	368.23 *
3.0	311.83 *	312.57 *	318.19 *	326.04 *	333.56 *	349.37 *	358.15 *	386.61 *	370.36 *	372.14 *
1.0	317.11 *	314.43 *	320.37 *	330.37 *	332.67 *	352.93 *	365.47 *	375.55 *	379.96 *	375.43 *
0.0	319.22 *	315.04 *	321.71 *	330.64 *	331.70 *	353.53 *	365.61 *	371.08 *	384.71 *	377.99 *
-1.0	318.86 *	315.38 *	325.67 *	336.68 *	334.84 *	354.46 *	363.28 *	371.80 *	383.15 *	383.77 *
-3.0	317.58 *	315.80 *	334.66 *	346.83 *	340.73 *	353.36 *	359.58 *	369.25 *	378.01 *	390.08 *
-5.0	317.22 *	315.00 *	343.41 *	355.40 *	348.57 *	349.35 *	361.97 *	367.53 *	384.10 *	398.38 *
-7.0	319.57 *	313.44 *	346.17 *	357.65 *	362.40 *	352.98 *	364.38 *	370.71 *	391.06 *	391.92 *
-9.0	322.31 *	311.28 *	331.75 *	347.64 *	361.08 *	355.69 *	360.25 *	371.64 *	378.34 *	385.55 *
-11.0	326.51 *	310.78 *	316.99 *	338.51 *	342.71 *	350.56 *	361.36 *	365.96 *	370.21 *	375.92 *
-13.0	324.52 *	314.47 *	310.64 *	317.49 *	327.53 *	335.21 *	345.51 *	360.45 *	367.74 *	371.65 *
-15.0	331.94 *	317.51 *	301.70 *	310.46 *	308.53 *	319.92 *	332.89 *	345.56 *	355.04 *	363.43 *
-17.0	343.70 *	315.56 *	307.10 *	301.45 *	307.34 *	305.07 *	315.61 *	326.87 *	335.90 *	347.51 *
-19.5	369.06 *	332.20 *	307.69 *	302.74 *	299.04 *	305.68 *	301.73 *	303.15 *	312.83 *	323.79 *
-22.5	394.52 *	372.85 *	329.45 *	305.50 *	303.00 *	297.07 *	298.15 *	308.31 *	308.18 *	308.63 *
-25.5	379.43 *	395.67 *	379.27 *	341.38 *	317.90 *	304.86 *	300.52 *	302.22 *	303.56 *	306.93 *
-29.0	466.39 *	383.12 *	377.46 *	403.33 *	388.48 *	361.00 *	343.12 *	332.04 *	324.21 *	320.79 *
-33.0	400.55 *	450.52 *	448.41 *	389.73 *	362.94 *	365.01 *	395.70 *	410.39 *	410.43 *	406.42 *
-37.5	475.20 *	431.90 *	403.77 *	415.20 *	447.12 *	472.18 *	475.94 *	472.33 *	467.15 *	466.54 *
-42.5	454.70 *	480.87 *	478.69 *	479.13 *	467.88 *	457.90 *	454.49 *	454.39 *	457.35 *	463.26 *
-47.5	475.91 *	464.00 *	459.62 *	458.35 *	462.79 *	470.71 *	479.66 *	486.73 *	489.88 *	490.42 *
-55.0	454.52 *	468.92 *	482.31 *	487.86 *	487.99 *	486.31 *	484.33 *	482.49 *	480.89 *	479.53 *
-65.0	433.92 *	440.29 *	447.50 *	451.97 *	454.33 *	455.55 *	456.37 *	456.61 *	456.79 *	456.95 *
-75.0	398.14 *	400.66 *	406.69 *	412.32 *	416.71 *	420.66 *	424.57 *	428.34 *	431.99 *	435.74 *
-85.0	359.26 *	361.55 *	367.34 *	372.19 *	376.03 *	379.82 *	384.21 *	387.72 *	391.23 *	394.75 *
-90.0	342.98 *	343.61 *	349.69 *	354.76 *	358.81 *	362.86 *	366.92 *	370.97 *	375.02 *	379.08 *

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	348.53 *	344.95 *	343.15 *	344.75 *	347.93 *	351.11 *	354.29 *	357.47 *	360.65 *	363.83 *
85.0	372.03 *	369.42 *	368.11 *	369.23 *	371.46 *	373.69 *	375.93 *	378.16 *	380.39 *	381.93 *
75.0	421.69 *	420.40 *	419.75 *	420.87 *	423.10 *	425.34 *	427.05 *	428.91 *	430.65 *	432.27 *
65.0	469.30 *	470.13 *	470.55 *	470.67 *	470.90 *	470.71 *	470.69 *	470.73 *	470.89 *	470.96 *

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55.0	501.98 *	503.97 *	504.96 *	504.41 *	503.32 *	501.62 *	500.10 *	498.59 *	496.93 *	495.65 *
47.5	520.79 *	523.35 *	524.63 *	524.21 *	523.36 *	520.61 *	518.43 *	516.10 *	513.79 *	511.61 *
42.5	490.67 *	488.18 *	486.93 *	488.41 *	491.36 *	494.96 *	498.85 *	503.97 *	509.99 *	515.87 *
37.5	473.99 *	470.33 *	469.98 *	473.63 *	484.30 *	498.00 *	513.50 *	529.19 *	534.81 *	534.99 *
33.0	459.63 *	467.16 *	469.34 *	468.05 *	463.57 *	461.57 *	463.07 *	470.68 *	488.61 *	512.07 *
29.0	422.35 *	437.52 *	444.71 *	440.72 *	433.10 *	430.00 *	426.37 *	429.51 *	439.93 *	444.56 *
25.5	317.21 *	314.82 *	313.51 *	314.48 *	317.18 *	321.12 *	328.93 *	338.42 *	353.31 *	377.85 *
22.5	314.91 *	316.02 *	314.77 *	314.45 *	312.09 *	311.89 *	315.28 *	321.17 *	321.13 *	326.01 *
19.5	328.83 *	322.05 *	319.12 *	321.52 *	324.16 *	320.45 *	314.23 *	310.35 *	311.63 *	317.61 *
17.0	325.25 *	320.72 *	316.28 *	318.60 *	320.36 *	320.73 *	326.37 *	337.19 *	322.52 *	311.84 *
15.0	343.35 *	335.93 *	332.47 *	333.10 *	334.44 *	337.24 *	339.41 *	333.93 *	332.40 *	329.37 *
13.0	358.32 *	354.89 *	351.34 *	352.09 *	353.33 *	351.53 *	342.59 *	344.22 *	345.11 *	335.58 *
11.0	367.89 *	368.25 *	365.65 *	361.49 *	348.02 *	338.93 *	353.93 *	354.31 *	348.76 *	343.09 *
9.0	383.59 *	389.69 *	391.32 *	385.30 *	366.73 *	360.54 *	356.36 *	354.07 *	354.99 *	343.07 *
7.0	383.66 *	390.87 *	393.76 *	390.20 *	378.38 *	383.43 *	384.67 *	368.64 *	356.96 *	348.21 *
5.0	380.31 *	393.83 *	399.47 *	398.81 *	396.23 *	396.87 *	389.56 *	378.46 *	376.08 *	354.49 *
3.0	370.58 *	384.98 *	396.31 *	400.56 *	426.17 *	405.45 *	387.56 *	386.91 *	376.82 *	364.29 *
1.0	374.84 *	382.50 *	392.04 *	402.93 *	417.93 *	415.64 *	395.54 *	401.08 *	373.45 *	370.86 *
0.0	382.07 *	387.70 *	398.71 *	393.54 *	400.75 *	410.33 *	397.05 *	407.59 *	371.16 *	373.38 *
-1.0	392.44 *	398.46 *	394.14 *	400.18 *	403.30 *	403.65 *	393.85 *	401.27 *	370.21 *	372.82 *
-3.0	398.06 *	405.87 *	404.25 *	399.95 *	387.14 *	400.57 *	384.82 *	387.56 *	368.40 *	373.11 *
-5.0	392.40 *	399.37 *	403.83 *	398.61 *	394.66 *	387.05 *	386.31 *	372.84 *	370.24 *	375.58 *
-7.0	396.42 *	389.76 *	389.46 *	388.40 *	386.73 *	389.26 *	384.48 *	371.14 *	376.34 *	369.52 *
-9.0	382.44 *	384.73 *	383.36 *	385.76 *	385.61 *	382.06 *	377.56 *	384.41 *	367.08 *	358.51 *
-11.0	379.35 *	378.93 *	376.79 *	379.75 *	385.43 *	384.01 *	383.17 *	365.51 *	355.02 *	353.42 *
-13.0	373.33 *	378.21 *	380.64 *	380.96 *	380.11 *	374.83 *	362.54 *	355.91 *	351.73 *	345.61 *
-15.0	369.26 *	372.27 *	372.84 *	370.94 *	365.63 *	360.61 *	355.65 *	350.47 *	337.85 *	314.76 *
-17.0	353.09 *	355.72 *	356.27 *	355.54 *	352.75 *	347.11 *	334.80 *	322.68 *	312.03 *	310.24 *
-19.5	332.41 *	339.11 *	341.49 *	338.52 *	331.02 *	322.22 *	311.44 *	309.96 *	320.67 *	310.27 *
-22.5	313.29 *	319.15 *	321.79 *	321.98 *	320.73 *	318.10 *	313.50 *	314.63 *	319.00 *	309.92 *
-25.5	311.02 *	315.18 *	317.82 *	318.29 *	319.78 *	319.81 *	314.98 *	311.75 *	319.98 *	337.63 *
-29.0	320.52 *	321.59 *	323.19 *	326.23 *	334.51 *	344.27 *	356.90 *	376.27 *	405.80 *	431.78 *
-33.0	402.25 *	399.56 *	399.42 *	402.01 *	408.20 *	412.25 *	411.83 *	405.30 *	398.06 *	414.70 *
-37.5	467.80 *	472.06 *	475.82 *	477.48 *	483.39 *	490.53 *	497.41 *	496.63 *	485.70 *	469.27 *
-42.5	469.60 *	478.47 *	482.91 *	483.63 *	485.07 *	489.00 *	493.28 *	501.20 *	510.78 *	519.29 *
-47.5	489.53 *	489.49 *	489.47 *	490.61 *	492.89 *	496.45 *	498.89 *	500.84 *	502.52 *	505.43 *
-55.0	478.23 *	477.42 *	477.02 *	479.23 *	483.66 *	488.47 *	493.24 *	498.11 *	502.39 *	506.31 *
-65.0	457.02 *	457.31 *	457.46 *	458.41 *	460.31 *	462.33 *	464.17 *	465.84 *	467.26 *	468.24 *
-75.0	439.04 *	442.35 *	444.00 *	443.38 *	442.13 *	440.89 *	439.14 *	437.50 *	435.69 *	433.71 *
-85.0	398.26 *	401.77 *	403.53 *	402.37 *	400.05 *	397.73 *	395.41 *	393.09 *	390.78 *	387.55 *
-90.0	383.13 *	387.19 *	389.21 *	388.17 *	386.07 *	383.97 *	381.88 *	379.78 *	377.69 *	375.59 *

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	367.01 *	370.19 *	374.16 *	378.93 *	380.24 *	381.76 *	383.51 *	385.47 *	387.64 *	383.60 *
85.0	383.94 *	385.94 *	388.40 *	391.25 *	391.83 *	392.37 *	392.73 *	392.97 *	393.08 *	388.40 *
75.0	433.87 *	434.89 *	436.05 *	436.08 *	434.69 *	433.38 *	431.22 *	428.62 *	427.30 *	419.84 *
65.0	471.16 *	471.21 *	471.13 *	469.16 *	465.62 *	459.02 *	451.43 *	444.42 *	446.74 *	446.68 *
55.0	494.46 *	493.35 *	492.41 *	491.54 *	487.06 *	480.30 *	475.79 *	478.34 *	480.60 *	467.80 *
47.5	509.45 *	506.47 *	503.70 *	502.37 *	503.06 *	506.60 *	511.17 *	506.17 *	485.74 *	482.96 *
42.5	522.98 *	527.79 *	531.48 *	530.58 *	529.39 *	517.05 *	509.05 *	514.90 *	504.30 *	487.73 *
37.5	534.32 *	525.55 *	518.87 *	523.33 *	523.91 *	539.16 *	538.35 *	517.61 *	519.00 *	495.09 *
33.0	512.50 *	508.67 *	522.51 *	522.02 *	520.35 *	533.88 *	532.33 *	531.29 *	522.30 *	507.96 *
29.0	453.15 *	465.97 *	472.40 *	503.90 *	512.71 *	511.34 *	529.58 *	537.28 *	527.62 *	529.76 *
25.5	409.06 *	426.74 *	460.99 *	466.72 *	474.35 *	498.74 *	500.66 *	533.09 *	522.06 *	531.26 *

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CANDELA TABULATION - (Cont.)

22.5	332.19 *	357.95 *	404.38 *	448.60 *	473.90 *	475.93 *	498.90 *	524.98 *	525.20 *	528.70 *
19.5	315.60 *	326.13 *	340.80 *	407.64 *	430.97 *	452.16 *	478.45 *	488.84 *	535.79 *	530.34 *
17.0	314.05 *	310.23 *	328.31 *	393.28 *	396.14 *	482.84 *	464.88 *	483.95 *	538.64 *	526.63 *
15.0	311.39 *	313.29 *	309.23 *	351.60 *	419.48 *	421.50 *	446.73 *	491.94 *	535.08 *	523.94 *
13.0	325.60 *	307.13 *	307.22 *	334.24 *	444.49 *	376.00 *	444.27 *	493.59 *	533.13 *	523.05 *
11.0	325.28 *	318.49 *	307.86 *	315.32 *	416.95 *	375.41 *	450.34 *	485.76 *	529.85 *	523.67 *
9.0	330.61 *	314.45 *	298.62 *	299.54 *	363.77 *	399.17 *	457.50 *	475.81 *	525.58 *	525.83 *
7.0	331.11 *	314.62 *	310.86 *	300.01 *	337.48 *	411.38 *	452.49 *	469.53 *	521.90 *	528.18 *
5.0	340.80 *	325.97 *	317.63 *	306.10 *	323.17 *	410.69 *	437.70 *	470.13 *	520.47 *	530.52 *
3.0	352.05 *	335.23 *	319.65 *	309.00 *	314.30 *	400.92 *	421.49 *	471.15 *	520.48 *	533.03 *
1.0	362.38 *	342.93 *	323.14 *	310.75 *	307.38 *	387.64 *	407.56 *	472.19 *	521.40 *	533.97 *
0.0	365.93 *	345.60 *	324.96 *	310.90 *	304.86 *	382.79 *	402.18 *	472.45 *	521.86 *	534.44 *
-1.0	366.82 *	347.51 *	326.72 *	311.61 *	307.37 *	381.56 *	405.92 *	475.13 *	521.85 *	535.01 *
-3.0	365.25 *	349.24 *	327.68 *	312.55 *	313.99 *	385.40 *	416.28 *	480.10 *	521.83 *	536.16 *
-5.0	362.28 *	350.17 *	323.93 *	314.63 *	321.83 *	392.78 *	428.20 *	485.42 *	520.66 *	535.32 *
-7.0	358.13 *	350.74 *	314.31 *	324.67 *	331.00 *	401.96 *	443.39 *	491.56 *	519.44 *	534.33 *
-9.0	355.73 *	339.72 *	311.97 *	330.50 *	336.35 *	412.51 *	460.59 *	500.95 *	520.69 *	532.95 *
-11.0	345.13 *	318.22 *	317.40 *	328.32 *	342.51 *	423.60 *	479.65 *	509.86 *	523.11 *	531.36 *
-13.0	318.55 *	310.98 *	317.65 *	324.47 *	350.85 *	430.76 *	500.96 *	518.80 *	526.64 *	527.59 *
-15.0	308.08 *	319.38 *	318.41 *	320.75 *	369.45 *	443.57 *	517.85 *	528.95 *	531.87 *	523.65 *
-17.0	320.27 *	306.71 *	306.94 *	329.09 *	398.11 *	443.13 *	520.49 *	529.34 *	541.12 *	520.51 *
-19.5	312.03 *	300.96 *	306.07 *	360.09 *	430.43 *	445.10 *	516.18 *	523.71 *	550.76 *	516.96 *
-22.5	301.29 *	319.50 *	353.67 *	421.00 *	400.11 *	485.36 *	492.76 *	515.13 *	551.23 *	510.56 *
-25.5	356.17 *	386.20 *	429.28 *	377.63 *	440.67 *	500.30 *	485.33 *	524.74 *	534.29 *	507.34 *
-29.0	437.74 *	408.40 *	381.63 *	456.14 *	489.64 *	438.22 *	504.14 *	534.11 *	515.66 *	512.66 *
-33.0	452.48 *	480.32 *	497.56 *	445.90 *	443.22 *	495.73 *	517.19 *	518.85 *	511.25 *	515.82 *
-37.5	455.50 *	455.76 *	476.79 *	497.75 *	516.72 *	510.25 *	507.12 *	510.63 *	517.74 *	505.34 *
-42.5	521.67 *	511.59 *	506.93 *	514.90 *	504.07 *	506.25 *	518.34 *	521.23 *	509.28 *	484.96 *
-47.5	508.51 *	510.33 *	510.11 *	509.02 *	516.70 *	521.05 *	517.86 *	503.49 *	482.41 *	479.00 *
-55.0	508.19 *	507.59 *	502.37 *	493.53 *	485.81 *	479.28 *	478.58 *	481.80 *	476.32 *	469.83 *
-65.0	468.77 *	468.67 *	467.71 *	463.62 *	459.26 *	453.02 *	448.38 *	444.53 *	436.88 *	436.78 *
-75.0	431.67 *	429.21 *	425.98 *	421.90 *	418.89 *	415.19 *	411.45 *	408.82 *	405.58 *	403.58 *
-85.0	384.93 *	382.26 *	378.87 *	374.79 *	373.17 *	371.41 *	369.16 *	366.50 *	362.32 *	363.94 *
-90.0	373.50 *	371.40 *	368.78 *	365.64 *	362.91 *	359.74 *	356.11 *	352.02 *	347.48 *	350.73 *

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	368.20 *	347.66 *	357.27 *	376.94 *	386.78 *
85.0	375.01 *	357.01 *	362.80 *	378.61 *	386.78 *
75.0	406.14 *	377.51 *	371.52 *	378.85 *	386.78 *
65.0	431.71 *	395.82 *	387.71 *	380.15 *	386.79 *
55.0	444.48 *	417.44 *	401.93 *	382.49 *	386.79 *
47.5	460.94 *	428.67 *	408.10 *	385.06 *	386.79 *
42.5	473.81 *	437.75 *	412.35 *	386.78 *	386.79 *
37.5	486.15 *	446.29 *	416.97 *	388.52 *	386.79 *
33.0	488.32 *	451.96 *	421.51 *	389.72 *	386.80 *
29.0	489.77 *	455.15 *	424.80 *	390.84 *	386.80 *
25.5	489.47 *	458.67 *	427.87 *	391.77 *	386.80 *
22.5	490.16 *	462.08 *	429.92 *	392.62 *	386.80 *
19.5	495.80 *	466.18 *	432.01 *	393.42 *	386.80 *
17.0	501.57 *	468.89 *	433.82 *	394.05 *	386.80 *
15.0	506.02 *	470.94 *	435.33 *	394.52 *	386.80 *
13.0	510.08 *	472.73 *	436.23 *	394.96 *	386.80 *
11.0	513.48 *	474.31 *	437.16 *	395.83 *	386.80 *
9.0	516.44 *	475.71 *	438.04 *	396.06 *	386.80 *

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-25W-LED-XX-CM.IES

CANDELA TABULATION - (Cont.)

7.0	518.16 *	476.86 *	438.85 *	396.30 *	386.80 *
5.0	519.42 *	477.77 *	439.83 *	396.54 *	386.80 *
3.0	520.49 *	478.68 *	440.38 *	396.79 *	386.80 *
1.0	520.98 *	478.95 *	440.93 *	397.15 *	386.80 *
0.0	521.23 *	479.09 *	441.20 *	397.15 *	386.80 *
-1.0	521.05 *	479.25 *	441.48 *	397.20 *	386.80 *
-3.0	520.68 *	479.57 *	442.04 *	397.31 *	386.80 *
-5.0	520.06 *	479.41 *	442.59 *	397.42 *	386.80 *
-7.0	519.50 *	479.35 *	442.72 *	397.52 *	386.80 *
-9.0	518.92 *	479.24 *	443.00 *	397.63 *	386.80 *
-11.0	517.51 *	479.13 *	443.23 *	397.74 *	386.80 *
-13.0	516.11 *	478.96 *	443.39 *	397.20 *	386.80 *
-15.0	513.36 *	478.79 *	443.57 *	397.10 *	386.80 *
-17.0	510.02 *	478.43 *	443.10 *	396.96 *	386.80 *
-19.5	505.29 *	477.89 *	442.57 *	396.74 *	386.80 *
-22.5	498.53 *	475.83 *	441.89 *	396.42 *	386.80 *
-25.5	493.42 *	473.97 *	441.08 *	396.03 *	386.80 *
-29.0	489.22 *	469.72 *	439.10 *	395.63 *	386.80 *
-33.0	480.12 *	463.86 *	436.68 *	395.10 *	386.80 *
-37.5	475.93 *	456.44 *	433.38 *	394.52 *	386.80 *
-42.5	485.25 *	453.79 *	430.33 *	393.42 *	386.80 *
-47.5	481.93 *	458.96 *	426.93 *	392.32 *	386.80 *
-55.0	453.84 *	460.56 *	425.21 *	390.69 *	386.79 *
-65.0	442.37 *	433.08 *	416.30 *	389.41 *	386.79 *
-75.0	408.13 *	418.16 *	400.02 *	389.08 *	386.79 *
-85.0	375.71 *	393.91 *	394.44 *	389.91 *	386.79 *
-90.0	367.29 *	389.36 *	392.18 *	388.58 *	386.78 *

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PHOTOMETRIC FILENAME : EPL-MJ-25W-LED-XX-CM.IES

LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 1362.37
Total Field Lumens (one side of beam only) = 1362.37
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.54 *	1.09 *	1.10 *	1.10 *	1.11 *	1.11 *	1.11 *	1.11 *	1.11 *	1.38 *
85	1.20 *	2.41 *	2.42 *	2.42 *	2.43 *	2.42 *	2.42 *	2.41 *	2.40 *	2.97 *
75	1.36 *	2.71 *	2.71 *	2.71 *	2.70 *	2.69 *	2.67 *	2.65 *	2.63 *	3.25 *
65	1.49 *	2.96 *	2.95 *	2.93 *	2.91 *	2.89 *	2.86 *	2.83 *	2.80 *	3.44 *
55	1.18 *	2.34 *	2.33 *	2.31 *	2.29 *	2.26 *	2.24 *	2.21 *	2.19 *	2.69 *
47.5	0.77 *	1.54 *	1.54 *	1.53 *	1.53 *	1.52 *	1.52 *	1.51 *	1.50 *	1.85 *
42.5	0.73 *	1.47 *	1.48 *	1.50 *	1.52 *	1.52 *	1.53 *	1.53 *	1.52 *	1.87 *
37.5	0.64 *	1.29 *	1.29 *	1.29 *	1.30 *	1.31 *	1.32 *	1.34 *	1.34 *	1.65 *
33	0.55 *	1.09 *	1.07 *	1.05 *	1.04 *	1.05 *	1.08 *	1.10 *	1.11 *	1.39 *
29	0.40 *	0.80 *	0.79 *	0.78 *	0.78 *	0.80 *	0.82 *	0.85 *	0.87 *	1.13 *
25.5	0.29 *	0.58 *	0.58 *	0.58 *	0.58 *	0.59 *	0.61 *	0.63 *	0.65 *	0.87 *
22.5	0.29 *	0.58 *	0.58 *	0.58 *	0.57 *	0.57 *	0.57 *	0.57 *	0.58 *	0.76 *
19.5	0.24 *	0.49 *	0.49 *	0.49 *	0.49 *	0.48 *	0.47 *	0.46 *	0.46 *	0.58 *
17	0.20 *	0.40 *	0.40 *	0.41 *	0.41 *	0.40 *	0.39 *	0.37 *	0.36 *	0.45 *
15	0.21 *	0.42 *	0.42 *	0.42 *	0.42 *	0.41 *	0.40 *	0.38 *	0.37 *	0.45 *
13	0.22 *	0.44 *	0.43 *	0.43 *	0.43 *	0.42 *	0.41 *	0.39 *	0.37 *	0.45 *
11	0.23 *	0.45 *	0.44 *	0.44 *	0.43 *	0.42 *	0.41 *	0.39 *	0.37 *	0.45 *
9	0.24 *	0.47 *	0.46 *	0.45 *	0.44 *	0.43 *	0.42 *	0.40 *	0.38 *	0.45 *
7	0.24 *	0.47 *	0.47 *	0.46 *	0.45 *	0.44 *	0.42 *	0.40 *	0.38 *	0.46 *
5	0.24 *	0.48 *	0.47 *	0.46 *	0.46 *	0.45 *	0.43 *	0.41 *	0.39 *	0.47 *
3	0.24 *	0.48 *	0.48 *	0.47 *	0.47 *	0.45 *	0.43 *	0.42 *	0.40 *	0.47 *
1	0.12 *	0.24 *	0.24 *	0.24 *	0.23 *	0.23 *	0.22 *	0.21 *	0.20 *	0.24 *
0	0.12 *	0.24 *	0.24 *	0.24 *	0.23 *	0.23 *	0.22 *	0.21 *	0.20 *	0.24 *
-1	0.24 *	0.48 *	0.48 *	0.47 *	0.46 *	0.45 *	0.43 *	0.42 *	0.41 *	0.49 *

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LUMENS TABULATION - (Cont.)

-3	0.25 *	0.48 *	0.48 *	0.47 *	0.46 *	0.44 *	0.43 *	0.42 *	0.41 *	0.49 *
-5	0.24 *	0.48 *	0.48 *	0.47 *	0.46 *	0.44 *	0.44 *	0.43 *	0.42 *	0.50 *
-7	0.24 *	0.47 *	0.47 *	0.47 *	0.46 *	0.44 *	0.43 *	0.42 *	0.41 *	0.49 *
-9	0.23 *	0.47 *	0.46 *	0.46 *	0.45 *	0.44 *	0.43 *	0.42 *	0.40 *	0.47 *
-11	0.23 *	0.46 *	0.46 *	0.45 *	0.44 *	0.43 *	0.42 *	0.40 *	0.38 *	0.46 *
-13	0.23 *	0.46 *	0.45 *	0.44 *	0.43 *	0.42 *	0.40 *	0.38 *	0.37 *	0.45 *
-15	0.22 *	0.44 *	0.43 *	0.42 *	0.41 *	0.40 *	0.38 *	0.37 *	0.36 *	0.45 *
-17	0.27 *	0.52 *	0.51 *	0.50 *	0.48 *	0.47 *	0.46 *	0.46 *	0.45 *	0.55 *
-19.5	0.30 *	0.60 *	0.59 *	0.57 *	0.56 *	0.56 *	0.55 *	0.54 *	0.54 *	0.68 *
-22.5	0.29 *	0.58 *	0.57 *	0.57 *	0.56 *	0.56 *	0.56 *	0.56 *	0.58 *	0.77 *
-25.5	0.34 *	0.68 *	0.69 *	0.69 *	0.69 *	0.71 *	0.73 *	0.76 *	0.78 *	0.98 *
-29	0.44 *	0.89 *	0.90 *	0.90 *	0.91 *	0.92 *	0.93 *	0.95 *	0.97 *	1.22 *
-33	0.60 *	1.20 *	1.21 *	1.21 *	1.21 *	1.19 *	1.17 *	1.14 *	1.14 *	1.45 *
-37.5	0.73 *	1.45 *	1.45 *	1.45 *	1.45 *	1.44 *	1.43 *	1.41 *	1.37 *	1.68 *
-42.5	0.74 *	1.48 *	1.47 *	1.47 *	1.46 *	1.46 *	1.45 *	1.45 *	1.43 *	1.77 *
-47.5	1.11 *	2.22 *	2.22 *	2.23 *	2.22 *	2.21 *	2.20 *	2.18 *	2.16 *	2.66 *
-55	1.42 *	2.86 *	2.86 *	2.86 *	2.86 *	2.86 *	2.85 *	2.83 *	2.81 *	3.45 *
-65	1.37 *	2.74 *	2.73 *	2.72 *	2.70 *	2.68 *	2.65 *	2.62 *	2.59 *	3.17 *
-75	1.29 *	2.56 *	2.54 *	2.52 *	2.49 *	2.46 *	2.43 *	2.39 *	2.35 *	2.87 *
-85	0.60 *	1.20 *	1.19 *	1.17 *	1.16 *	1.14 *	1.13 *	1.11 *	1.09 *	1.33 *
-90										
Total	23.12	46.17	46.03	45.81	45.55	45.23	44.84	44.44	43.98	54.34

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	1.64 *	1.62 *	1.84 *	2.03 *	2.18 *	2.28 *	2.09 *	2.71 *	2.76 *	1.85 *
85	3.52 *	3.45 *	3.92 *	4.32 *	4.62 *	4.81 *	4.41 *	5.70 *	5.78 *	3.81 *
75	3.83 *	3.74 *	4.23 *	4.63 *	4.93 *	5.12 *	4.69 *	6.07 *	6.12 *	3.97 *
65	4.04 *	3.94 *	4.43 *	4.84 *	5.16 *	5.37 *	4.91 *	6.34 *	6.40 *	4.14 *
55	3.15 *	3.06 *	3.46 *	3.80 *	4.06 *	4.19 *	3.81 *	4.92 *	4.97 *	3.21 *

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LUMENS TABULATION - (Cont.)

47.5	2.17 *	2.12 *	2.39 *	2.61 *	2.78 *	2.85 *	2.58 *	3.35 *	3.39 *	2.17 *
42.5	2.20 *	2.15 *	2.44 *	2.67 *	2.82 *	2.91 *	2.63 *	3.40 *	3.46 *	2.20 *
37.5	1.96 *	1.93 *	2.20 *	2.44 *	2.57 *	2.65 *	2.41 *	3.11 *	3.15 *	2.00 *
33	1.70 *	1.69 *	1.93 *	2.13 *	2.29 *	2.37 *	2.17 *	2.80 *	2.80 *	1.79 *
29	1.40 *	1.41 *	1.64 *	1.81 *	1.97 *	2.06 *	1.91 *	2.47 *	2.46 *	1.58 *
25.5	1.11 *	1.14 *	1.34 *	1.50 *	1.65 *	1.75 *	1.63 *	2.12 *	2.12 *	1.36 *
22.5	0.99 *	1.07 *	1.27 *	1.45 *	1.60 *	1.72 *	1.63 *	2.11 *	2.13 *	1.36 *
19.5	0.75 *	0.82 *	1.00 *	1.18 *	1.30 *	1.41 *	1.36 *	1.76 *	1.79 *	1.14 *
17	0.56 *	0.62 *	0.77 *	0.92 *	1.01 *	1.12 *	1.09 *	1.41 *	1.44 *	0.92 *
15	0.54 *	0.60 *	0.75 *	0.88 *	0.99 *	1.12 *	1.08 *	1.42 *	1.45 *	0.92 *
13	0.53 *	0.58 *	0.73 *	0.85 *	0.98 *	1.12 *	1.08 *	1.42 *	1.46 *	0.92 *
11	0.52 *	0.55 *	0.70 *	0.84 *	0.98 *	1.12 *	1.08 *	1.43 *	1.46 *	0.92 *
9	0.52 *	0.53 *	0.68 *	0.84 *	0.98 *	1.12 *	1.07 *	1.44 *	1.47 *	0.92 *
7	0.53 *	0.52 *	0.66 *	0.83 *	0.98 *	1.12 *	1.07 *	1.44 *	1.47 *	0.92 *
5	0.53 *	0.52 *	0.65 *	0.82 *	0.98 *	1.12 *	1.07 *	1.45 *	1.47 *	0.92 *
3	0.54 *	0.52 *	0.64 *	0.81 *	0.98 *	1.12 *	1.07 *	1.45 *	1.47 *	0.93 *
1	0.27 *	0.26 *	0.32 *	0.40 *	0.49 *	0.56 *	0.54 *	0.73 *	0.74 *	0.46 *
0	0.27 *	0.26 *	0.32 *	0.40 *	0.49 *	0.56 *	0.54 *	0.73 *	0.74 *	0.46 *
-1	0.55 *	0.52 *	0.64 *	0.80 *	0.98 *	1.12 *	1.08 *	1.45 *	1.47 *	0.93 *
-3	0.55 *	0.53 *	0.65 *	0.81 *	0.99 *	1.12 *	1.08 *	1.45 *	1.47 *	0.93 *
-5	0.55 *	0.53 *	0.66 *	0.82 *	1.00 *	1.13 *	1.08 *	1.45 *	1.47 *	0.93 *
-7	0.55 *	0.54 *	0.67 *	0.83 *	1.01 *	1.14 *	1.08 *	1.44 *	1.47 *	0.93 *
-9	0.55 *	0.54 *	0.68 *	0.85 *	1.03 *	1.15 *	1.08 *	1.44 *	1.47 *	0.93 *
-11	0.54 *	0.55 *	0.69 *	0.88 *	1.05 *	1.15 *	1.09 *	1.44 *	1.47 *	0.93 *
-13	0.54 *	0.55 *	0.70 *	0.90 *	1.07 *	1.16 *	1.09 *	1.43 *	1.46 *	0.93 *
-15	0.54 *	0.57 *	0.73 *	0.93 *	1.08 *	1.16 *	1.09 *	1.43 *	1.46 *	0.93 *
-17	0.68 *	0.75 *	0.95 *	1.17 *	1.36 *	1.46 *	1.36 *	1.77 *	1.82 *	1.16 *
-19.5	0.89 *	0.96 *	1.18 *	1.43 *	1.63 *	1.75 *	1.63 *	2.11 *	2.17 *	1.39 *

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LUMENS TABULATION - (Cont.)

-22.5	0.98 *	1.00 *	1.23 *	1.45 *	1.61 *	1.76 *	1.62 *	2.09 *	2.16 *	1.39 *
-25.5	1.19 *	1.24 *	1.49 *	1.68 *	1.90 *	2.05 *	1.87 *	2.43 *	2.50 *	1.62 *
-29	1.47 *	1.48 *	1.70 *	1.95 *	2.21 *	2.31 *	2.13 *	2.76 *	2.83 *	1.83 *
-33	1.75 *	1.72 *	2.01 *	2.28 *	2.46 *	2.58 *	2.39 *	3.08 *	3.13 *	2.05 *
-37.5	2.02 *	2.02 *	2.31 *	2.54 *	2.74 *	2.88 *	2.61 *	3.38 *	3.47 *	2.26 *
-42.5	2.09 *	2.05 *	2.32 *	2.58 *	2.76 *	2.82 *	2.54 *	3.35 *	3.49 *	2.26 *
-47.5	3.11 *	3.03 *	3.43 *	3.76 *	3.99 *	4.09 *	3.73 *	4.91 *	5.17 *	3.39 *
-55	4.02 *	3.86 *	4.31 *	4.70 *	5.02 *	5.21 *	4.77 *	6.29 *	6.68 *	4.44 *
-65	3.70 *	3.59 *	4.03 *	4.39 *	4.66 *	4.81 *	4.43 *	5.94 *	6.39 *	4.28 *
-75	3.35 *	3.24 *	3.66 *	4.00 *	4.25 *	4.38 *	4.04 *	5.46 *	6.01 *	4.14 *
-85	1.55 *	1.50 *	1.70 *	1.86 *	1.98 *	2.04 *	1.89 *	2.57 *	2.88 *	2.02 *
-90										
Total	64.45	63.85	74.03	83.57	91.54	96.85	89.59	117.44	120.94	78.54

Vert. Angles	**Horizontal Angles**		
75	**85**	**90**	**Total**
90	0.96 *	0.12 *	32.84
85	1.94 *	0.25 *	70.04
75	1.98 *	0.25 *	75.62
65	2.02 *	0.25 *	79.93
55	1.54 *	0.19 *	62.37
47.5	1.03 *	0.13 *	42.38
42.5	1.04 *	0.13 *	42.70
37.5	0.94 *	0.11 *	38.24
33	0.84 *	0.10 *	33.16
29	0.74 *	0.09 *	27.57
25.5	0.64 *	0.08 *	22.36
22.5	0.64 *	0.08 *	21.69
19.5	0.53 *	0.06 *	17.77
17	0.43 *	0.05 *	14.12

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LUMENS TABULATION - (Cont.)

15			
	0.43 *	0.05 *	14.11
13			
	0.43 *	0.05 *	14.12
11			
	0.43 *	0.05 *	14.12
9			
	0.43 *	0.05 *	14.15
7			
	0.43 *	0.05 *	14.21
5			
	0.43 *	0.05 *	14.28
3			
	0.43 *	0.05 *	14.32
1			
	0.21 *	0.03 *	7.17
0			
	0.21 *	0.03 *	7.17
-1			
	0.43 *	0.05 *	14.37
-3			
	0.43 *	0.05 *	14.39
-5			
	0.43 *	0.05 *	14.43
-7			
	0.43 *	0.05 *	14.45
-9			
	0.43 *	0.05 *	14.43
-11			
	0.43 *	0.05 *	14.39
-13			
	0.43 *	0.05 *	14.34
-15			
	0.43 *	0.05 *	14.28
-17			
	0.54 *	0.06 *	17.76
-19.5			
	0.65 *	0.08 *	21.36
-22.5			
	0.65 *	0.08 *	21.61
-25.5			
	0.75 *	0.09 *	25.85
-29			
	0.86 *	0.10 *	30.66
-33			
	0.96 *	0.11 *	36.05
-37.5			
	1.07 *	0.13 *	41.31
-42.5			
	1.06 *	0.13 *	41.62
-47.5			
	1.59 *	0.19 *	61.79
-55			
	2.11 *	0.25 *	79.31
-65			
	2.07 *	0.25 *	74.52

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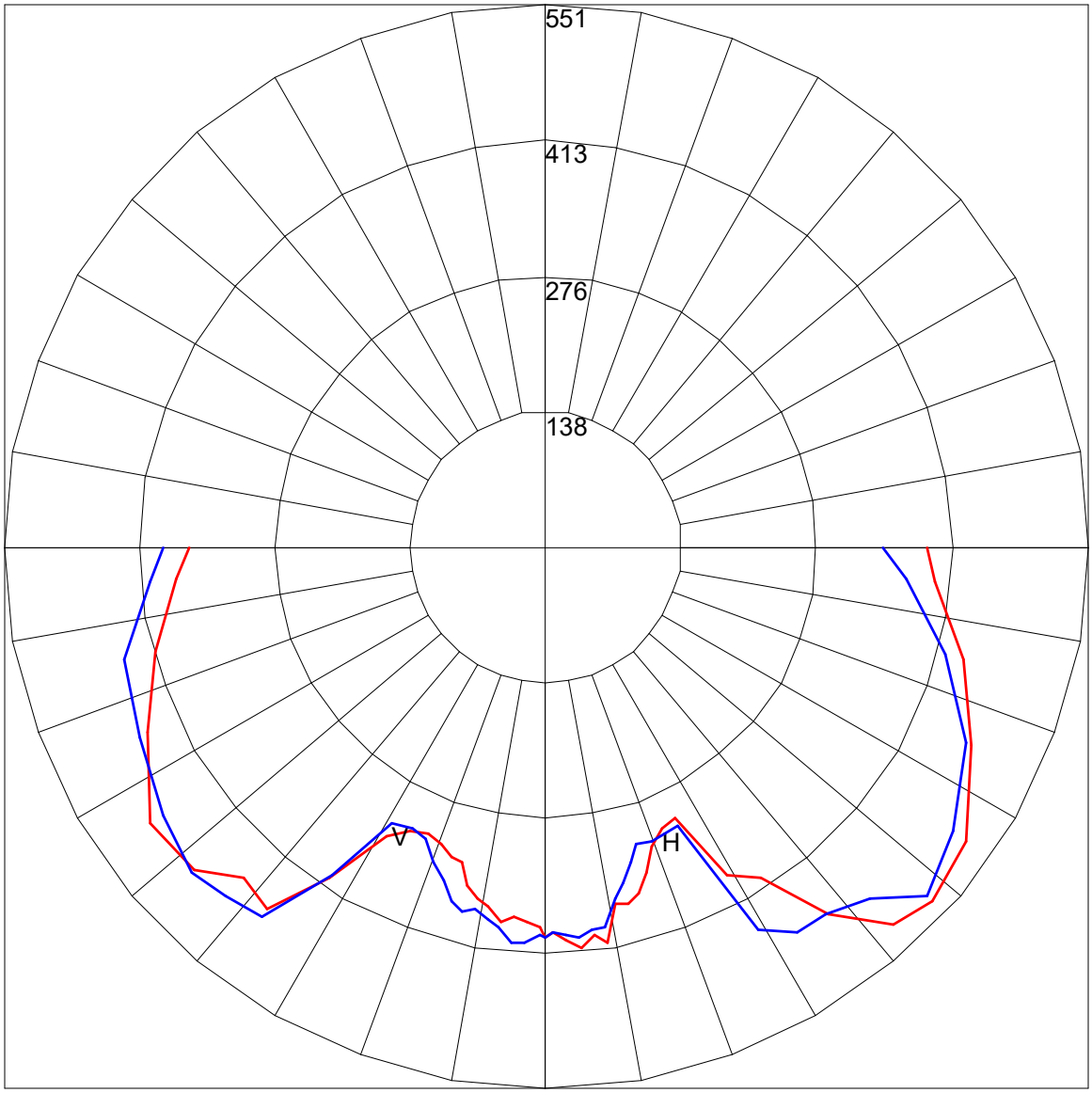
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LUMENS TABULATION - (Cont.)

-75			
	2.04 *	0.25 *	68.71
-85			
	1.02 *	0.13 *	32.26
-90			
Total	37.52	4.52	1362.37

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AXIAL CANDELA DISPLAY

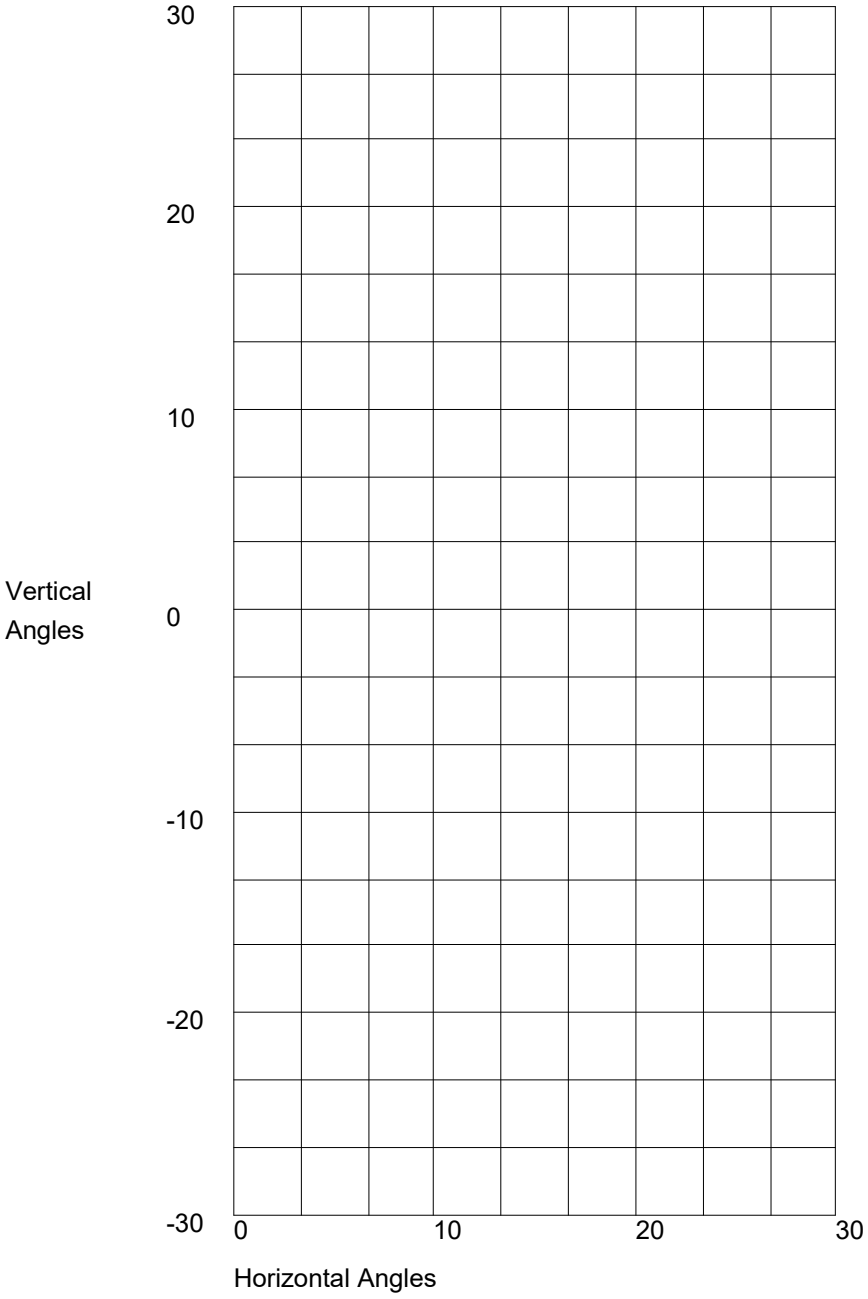


Maximum Candela = 551.23 Located At Horizontal Angle = 42.5, Vertical Angle =-22.5
H - Horizontal Axial Candela
V - Vertical Axial Candela

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ISOCANDELA CURVES



Maximum Candela = 551.23 Located At Horizontal Angle = 42.5, Vertical Angle =-22.5
50% Maximum Candela = 275.615
10% Maximum Candela = 55.123

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