IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-EMG-24-2L-LED-113.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[TESTDATE] 14-Oct-2013 16:27:08
[TESTLAB] Radiant Imaging ProSource
[ISSUEDATE] 10/14/2013 2:27:08 PM
[MANUFAC] Larson Electronics
[LUMCAT] EPL-EMG-24-2L-LED-113
[LUMINAIRE] ALUMINUM BALLAST HOUSING AND HUB ASSEMBLIES. WHITE POWDER COATED ALUMINUM REFLECTOR
[LAMP] TWO T8-STYLE LED LAMPS - 1750 LUMENS PER BULB

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

CHARACTERISTICS



NEMA Type	7 H x 7 V
Maximum Candela	948.212
Maximum Candela Angle	-5H 0V
Horizontal Beam Angle (50%)	145.6
Vertical Beam Angle (50%)	110.9
Horizontal Field Angle (10%)	177.2
Vertical Field Angle (10%)	162.5
Lumens Per Lamp	1750 (2 lamps)
Total Lamp Lumens	3500
Beam Lumens	2401
Beam Efficiency	69 %
Field Lumens	3090
Field Efficiency	88 %
Spill Lumens	21
Luminaire Lumens	3111
Total Efficiency	89 %
Total Luminaire Watts	28
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	58.364	90	5.869
85	187.818	85	26.736
75	449.362	75	171.72
65	560.76	65	323.402
55	627.225	55	475.714
47.5	681.44	47.5	569.837
42.5	725.489	42.5	632.855
37.5	764.881	37.5	702.857
33	794.331	33	760.558
29	810.443	29	800.438
25.5	830.682	25.5	823.608
22.5	865.773	22.5	832.643
19.5	894.073	19.5	838.178
17	874.571	17	837.231
15	858.969	15	836.473
13	886.92	13	839.442
11	914.871	11	842.411
9	932.72	9	859.087
7	940.466	7	889.471
5	948.212	5	919.855
3	926.697	3	909.683
1	905.182	1	899.51
0	894.424	0	894.424
-1	905.182	-1	899.51
-3	926.697	-3	909.683
-5	948.212	-5	919.855
-7	940.466	-7	889.471
-9	932.72	-9	859.087
-11	914.871	-11	842.411
-13	886.92	-13	839.442
-15	858.969	-15	836.473
-17	874.571	-17	837.231
-19.5	894.073	-19.5	838.178
-22.5	865.773	-22.5	832.643
-25.5	830.682	-25.5	823.608
-29	810.443	-29	800.438
-33	794.331	-33	760.558
-37.5	764.881	-37.5	702.857
-42.5	725.489	-42.5	632.855
-47.5	681.44	-47.5	569.837
-55	627.225	-55	475.714
-65	560.76	-65	323.402
-75	449.362	-75	171.72
-85	187.818	-85	26.736
-90	58.364	-90	5.869

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CANDELA TABULATION
Maximum Candela = 948.212
Beam Edge = 474.106 Cd (50% of Max.)
Field Edge = 94.8212 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	58.102	56.872	54.406	51.950	49.529	47.706	44.580	39.543	35.009	30.976
85.0	58.125	68.088	87.370	104.160 *	113.680 *	117.333 *	115.791 *	110.301 *	104.217 *	97.964 *
75.0	58.170	90.258	152.620 *	212.776 *	254.051 *	273.440 *	272.715 *	262.318 *	250.210 *	237.374 *
65.0	58.212	111.473 *	219.770 *	327.346 *	373.828 *	383.977 *	383.947 *	374.722 *	363.797 *	353.783 *
55.0	58.252	131.100 *	286.108 *	409.397 *	449.090 *	457.392 *	458.951 *	463.820 *	467.637 *	470.877 *
47.5	58.279	144.418 *	331.025 *	450.136 *	491.993 *	505.562 *	517.519 *	526.663 *	533.857 *	546.126 *
42.5	58.295	152.502 *	352.054 *	469.922 *	519.013 *	534.302 *	549.417 *	563.944 *	584.277 *	601.597 *
37.5	58.309	159.877 *	371.433 *	488.881 *	538.872 *	562.830 *	582.556 *	607.637 *	632.363 *	652.724 *
33.0	58.321	165.861 *	387.329 *	502.816 *	552.771 *	588.251 *	612.488 *	640.360 *	668.511 *	688.997 *
29.0	58.331	170.628 *	400.133 *	513.337 *	564.506 *	609.066 *	635.134 *	664.213 *	694.127 *	716.638 *
25.5	58.338	174.353 *	410.251 *	521.844 *	576.934 *	623.597 *	650.897 *	683.016 *	717.067 *	736.583 *
22.5	58.344	177.204 *	418.079 *	528.583 *	586.486 *	633.102 *	662.133 *	700.362 *	733.717 *	751.353 *
19.5	58.349	179.730 *	425.097 *	534.788 *	595.016 *	641.409 *	673.102 *	717.595 *	745.116 *	765.427 *
17.0	58.352	181.582 *	430.308 *	539.535 *	601.348 *	647.765 *	682.381 *	730.583 *	752.748 *	779.394 *
15.0	58.355	182.895 *	434.049 *	543.046 *	605.914 *	653.003 *	690.743 *	738.839 *	758.105 *	789.794 *
13.0	58.357	184.056 *	437.402 *	546.297 *	610.043 *	658.036 *	698.489 *	742.844 *	764.423 *	799.282 *
11.0	58.359	187.450 *	440.361 *	549.281 *	613.747 *	662.807 *	705.144 *	746.912 *	772.288 *	806.139 *
9.0	58.361	187.517 *	442.921 *	551.995 *	617.039 *	667.253 *	710.767 *	750.933 *	779.257 *	810.579 *
7.0	58.362	187.583 *	445.075 *	554.435 *	619.935 *	671.308 *	715.430 *	754.781 *	784.630 *	812.504 *
5.0	58.363	187.650 *	448.133 *	556.596 *	622.453 *	674.904 *	719.217 *	758.323 *	788.625 *	812.966 *
3.0	58.364	187.717 *	448.624 *	558.798 *	624.968 *	677.974 *	722.221 *	761.413 *	791.497 *	812.564 *
1.0	58.364	187.784 *	449.116 *	560.106 *	626.472 *	680.447 *	724.547 *	763.906 *	793.532 *	811.343 *
0.0	58.364	187.818 *	449.362 *	560.760 *	627.225 *	681.440 *	725.489 *	764.881 *	794.331 *	810.443 *
-1.0	58.364	187.784 *	449.116 *	560.106 *	626.472 *	680.447 *	724.547 *	763.906 *	793.532 *	811.343 *
-3.0	58.364	187.717 *	448.624 *	558.798 *	624.968 *	677.974 *	722.221 *	761.413 *	791.497 *	812.564 *
-5.0	58.363	187.650 *	448.133 *	556.596 *	622.453 *	674.904 *	719.217 *	758.323 *	788.625 *	812.966 *
-7.0	58.362	187.583 *	445.075 *	554.435 *	619.935 *	671.308 *	715.430 *	754.781 *	784.630 *	812.504 *
-9.0	58.361	187.517 *	442.921 *	551.995 *	617.039 *	667.253 *	710.767 *	750.933 *	779.257 *	810.579 *
-11.0	58.359	187.450 *	440.361 *	549.281 *	613.747 *	662.807 *	705.144 *	746.912 *	772.288 *	806.139 *
-13.0	58.357	184.056 *	437.402 *	546.297 *	610.043 *	658.036 *	698.489 *	742.844 *	764.423 *	799.282 *
-15.0	58.355	182.895 *	434.049 *	543.046 *	605.914 *	653.003 *	690.743 *	738.839 *	758.105 *	789.794 *
-17.0	58.352	181.582 *	430.308 *	539.535 *	601.348 *	647.765 *	682.381 *	730.583 *	752.748 *	779.394 *
-19.5	58.349	179.730 *	425.097 *	534.788 *	595.016 *	641.409 *	673.102 *	717.595 *	745.116 *	765.427 *
-22.5	58.344	177.204 *	418.079 *	528.583 *	586.486 *	633.102 *	662.133 *	700.362 *	733.717 *	751.353 *
-25.5	58.338	174.353 *	410.251 *	521.844 *	576.934 *	623.597 *	650.897 *	683.016 *	717.067 *	736.583 *
-29.0	58.331	170.628 *	400.133 *	513.337 *	564.506 *	609.066 *	635.134 *	664.213 *	694.127 *	716.638 *
-33.0	58.321	165.861 *	387.329 *	502.816 *	552.771 *	588.251 *	612.488 *	640.360 *	668.511 *	688.997 *
-37.5	58.309	159.877 *	371.433 *	488.881 *	538.872 *	562.830 *	582.556 *	607.637 *	632.363 *	652.724 *
-42.5	58.295	152.502 *	352.054 *	469.922 *	519.013 *	534.302 *	549.417 *	563.944 *	584.277 *	601.597 *
-47.5	58.279	144.418 *	331.025 *	450.136 *	491.993 *	505.562 *	517.519 *	526.663 *	533.857 *	546.126 *
-55.0	58.252	131.100 *	286.108 *	409.397 *	449.090 *	457.392 *	458.951 *	463.820 *	467.637 *	470.877 *
-65.0	58.212	111.473 *	219.770 *	327.346 *	373.828 *	383.977 *	383.947 *	374.722 *	363.797 *	353.783 *
-75.0	58.170	90.258	152.620 *	212.776 *	254.051 *	273.440 *	272.715 *	262.318 *	250.210 *	237.374 *
-85.0	58.125	68.088	87.370	104.160 *	113.680 *	117.333 *	115.791 *	110.301 *	104.217 *	97.964 *
-90.0	58.102	56.872	54.406	51.950	49.529	47.706	44.580	39.543	35.009	30.976

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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	27.446	24.420	21.948	19.888	18.239	16.591	14.942	13.292	11.643	9.993
85.0	91.889	86.085	79.290	73.165	68.096	62.890	58.363	52.614	46.864	41.113
75.0	224.638 *	212.674 *	206.585 *	203.001 *	200.013 *	196.891 *	193.611 *	190.151 *	186.486 *	183.492 *
65.0	345.153 *	337.681 *	333.367 *	334.296 *	334.600 *	334.501 *	333.990 *	333.056 *	331.691 *	329.885 *
55.0	471.656 *	472.704 *	473.839 *	476.572 *	478.875 *	480.591 *	481.694 *	482.156 *	481.955 *	481.068 *
47.5	556.538 *	563.865 *	569.618 *	572.832 *	575.481 *	577.304 *	578.326 *	578.546 *	577.971 *	576.607 *
42.5	613.188 *	621.322 *	627.675 *	631.536 *	634.166 *	636.804 *	638.663 *	639.693 *	639.847 *	639.078 *
37.5	665.086 *	673.282 *	681.732 *	688.743 *	694.101 *	696.855 *	699.205 *	701.313 *	703.004 *	704.088 *
33.0	701.711 *	712.685 *	722.245 *	729.077 *	733.726 *	737.592 *	744.980 *	751.849 *	756.759 *	759.833 *
29.0	730.849 *	743.410 *	756.261 *	769.597 *	780.461 *	791.294 *	801.287 *	806.947 *	808.272 *	806.859 *
25.5	753.666 *	771.566 *	790.075 *	806.663 *	814.713 *	820.232 *	825.807 *	828.490 *	828.534 *	828.037 *
22.5	773.712 *	794.269 *	810.524 *	817.864 *	824.132 *	830.698 *	837.320 *	841.037 *	839.411 *	837.722 *
19.5	793.650 *	812.535 *	818.447 *	824.467 *	833.308 *	841.366 *	845.599 *	846.118 *	844.386 *	843.221 *
17.0	809.344 *	821.485 *	828.290 *	836.558 *	847.274 *	854.778 *	857.497 *	857.680 *	858.093 *	855.988 *
15.0	817.853 *	829.486 *	838.574 *	849.724 *	860.915 *	868.225 *	868.855 *	870.314 *	872.364 *	869.388 *
13.0	825.012 *	838.182 *	848.465 *	859.725 *	870.735 *	876.726 *	878.470 *	881.118 *	882.486 *	874.256 *
11.0	831.523 *	847.252 *	855.656 *	866.324 *	878.083 *	885.252 *	886.466 *	886.428 *	880.872 *	869.797 *
9.0	833.752 *	851.360 *	860.169 *	873.862 *	888.634 *	898.224 *	896.271 *	892.323 *	885.385 *	870.045 *
7.0	834.890 *	853.587 *	866.706 *	883.349 *	902.074 *	911.820 *	900.245 *	894.846 *	898.356 *	891.939 *
5.0	834.950 *	857.120 *	876.720 *	887.501 *	902.793 *	910.091 *	899.421 *	889.797 *	891.413 *	920.043 *
3.0	833.967 *	861.116 *	885.309 *	884.789 *	889.040 *	897.463 *	899.742 *	888.615 *	858.666 *	871.276 *
1.0	832.005 *	864.579 *	891.216 *	878.189 *	869.264 *	890.334 *	909.279 *	916.129 *	908.060 *	887.306 *
0.0	830.682 *	865.773 *	894.073 *	874.571 *	858.969 *	886.920 *	914.871 *	932.720 *	940.466 *	948.212 *
-1.0	832.005 *	864.579 *	891.216 *	878.189 *	869.264 *	890.334 *	909.279 *	916.129 *	908.060 *	887.306 *
-3.0	833.967 *	861.116 *	885.309 *	884.789 *	889.040 *	897.463 *	899.742 *	888.615 *	858.666 *	871.276 *
-5.0	834.950 *	857.120 *	876.720 *	887.501 *	902.793 *	910.091 *	899.421 *	889.797 *	891.413 *	920.043 *
-7.0	834.890 *	853.587 *	866.706 *	883.349 *	902.074 *	911.820 *	900.245 *	894.846 *	898.356 *	891.939 *
-9.0	833.752 *	851.360 *	860.169 *	873.862 *	888.634 *	898.224 *	896.271 *	892.323 *	885.385 *	870.045 *
-11.0	831.523 *	847.252 *	855.656 *	866.324 *	878.083 *	885.252 *	886.466 *	886.428 *	880.872 *	869.797 *
-13.0	825.012 *	838.182 *	848.465 *	859.725 *	870.735 *	876.726 *	878.470 *	881.118 *	882.486 *	874.256 *
-15.0	817.853 *	829.486 *	838.574 *	849.724 *	860.915 *	868.225 *	868.855 *	870.314 *	872.364 *	869.388 *
-17.0	809.344 *	821.485 *	828.290 *	836.558 *	847.274 *	854.778 *	857.497 *	857.680 *	858.093 *	855.988 *
-19.5	793.650 *	812.535 *	818.447 *	824.467 *	833.308 *	841.366 *	845.599 *	846.118 *	844.386 *	843.221 *
-22.5	773.712 *	794.269 *	810.524 *	817.864 *	824.132 *	830.698 *	837.320 *	841.037 *	839.411 *	837.722 *
-25.5	753.666 *	771.566 *	790.075 *	806.663 *	814.713 *	820.232 *	825.807 *	828.490 *	828.534 *	828.037 *
-29.0	730.849 *	743.410 *	756.261 *	769.597 *	780.461 *	791.294 *	801.287 *	806.947 *	808.272 *	806.859 *
-33.0	701.711 *	712.685 *	722.245 *	729.077 *	733.726 *	737.592 *	744.980 *	751.849 *	756.759 *	759.833 *
-37.5	665.086 *	673.282 *	681.732 *	688.743 *	694.101 *	696.855 *	699.205 *	701.313 *	703.004 *	704.088 *
-42.5	613.188 *	621.322 *	627.675 *	631.536 *	634.166 *	636.804 *	638.663 *	639.693 *	639.847 *	639.078 *
-47.5	556.538 *	563.865 *	569.618 *	572.832 *	575.481 *	577.304 *	578.326 *	578.546 *	577.971 *	576.607 *
-55.0	471.656 *	472.704 *	473.839 *	476.572 *	478.875 *	480.591 *	481.694 *	482.156 *	481.955 *	481.068 *
-65.0	345.153 *	337.681 *	333.367 *	334.296 *	334.600 *	334.501 *	333.990 *	333.056 *	331.691 *	329.885 *
-75.0	224.638 *	212.674 *	206.585 *	203.001 *	200.013 *	196.891 *	193.611 *	190.151 *	186.486 *	183.492 *
-85.0	91.889	86.085	79.290	73.165	68.096	62.890	58.363	52.614	46.864	41.113
-90.0	27.446	24.420	21.948	19.888	18.239	16.591	14.942	13.292	11.643	9.993

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	8.344	6.694	5.869	6.694	8.344	9.993	11.643	13.292	14.942	16.591
85.0	35.362	29.611	26.736	29.611	35.362	41.113	46.864	52.614	58.363	62.890
75.0	178.784 *	174.075 *	171.720 *	174.075 *	178.784 *	183.492 *	186.486 *	190.151 *	193.611 *	196.891 *
65.0	328.149 *	324.985 *	323.402 *	324.985 *	328.149 *	329.885 *	331.691 *	333.056 *	333.990 *	334.501 *

CANDELA TABULATION - (Cont.)

55.0	480.308 *	477.246 *	475.714 *	477.246 *	480.308 *	481.068 *	481.955 *	482.156 *	481.693 *	480.591 *
47.5	574.467 *	571.566 *	569.837 *	571.566 *	574.467 *	576.607 *	577.971 *	578.546 *	578.326 *	577.304 *
42.5	637.345 *	634.609 *	632.855 *	634.609 *	637.345 *	639.078 *	639.847 *	639.693 *	638.663 *	636.804 *
37.5	704.370 *	703.652 *	702.857 *	703.652 *	704.370 *	704.088 *	703.004 *	701.313 *	699.205 *	696.855 *
33.0	761.224 *	761.113 *	760.558 *	761.113 *	761.224 *	759.833 *	756.759 *	751.849 *	744.980 *	737.592 *
29.0	804.831 *	802.097 *	800.438 *	802.097 *	804.831 *	806.859 *	808.272 *	806.947 *	801.287 *	791.294 *
25.5	826.874 *	824.920 *	823.608 *	824.920 *	826.874 *	828.037 *	828.534 *	828.490 *	825.807 *	820.232 *
22.5	835.884 *	833.803 *	832.643 *	833.803 *	835.884 *	837.722 *	839.411 *	841.037 *	837.320 *	830.698 *
19.5	842.145 *	839.686 *	838.178 *	839.686 *	842.145 *	843.221 *	844.386 *	846.118 *	845.599 *	841.366 *
17.0	850.115 *	841.799 *	837.231 *	841.799 *	850.115 *	855.988 *	858.093 *	857.680 *	857.497 *	854.778 *
15.0	858.494 *	844.232 *	836.473 *	844.232 *	858.494 *	869.388 *	872.364 *	870.314 *	868.855 *	868.225 *
13.0	859.111 *	845.833 *	839.442 *	845.833 *	859.111 *	874.256 *	882.486 *	881.118 *	878.470 *	876.726 *
11.0	856.971 *	846.977 *	842.411 *	846.977 *	856.971 *	869.797 *	880.872 *	886.428 *	886.466 *	885.252 *
9.0	859.639 *	860.103 *	859.087 *	860.103 *	859.639 *	870.045 *	885.385 *	892.323 *	896.271 *	898.224 *
7.0	877.811 *	885.658 *	889.471 *	885.658 *	877.811 *	891.939 *	898.356 *	894.846 *	900.245 *	911.820 *
5.0	905.684 *	908.644 *	919.855 *	908.644 *	905.684 *	920.043 *	891.413 *	889.797 *	899.421 *	910.091 *
3.0	930.046 *	898.960 *	909.683 *	898.960 *	930.046 *	871.276 *	858.666 *	888.615 *	899.742 *	897.463 *
1.0	865.554 *	906.300 *	899.510 *	906.300 *	865.554 *	887.306 *	908.060 *	916.129 *	909.279 *	890.334 *
0.0	926.697 *	905.182 *	894.424 *	905.182 *	926.697 *	948.212 *	940.466 *	932.720 *	914.871 *	886.920 *
-1.0	865.554 *	906.300 *	899.510 *	906.300 *	865.554 *	887.306 *	908.060 *	916.129 *	909.279 *	890.334 *
-3.0	930.046 *	898.960 *	909.683 *	898.960 *	930.046 *	871.276 *	858.666 *	888.615 *	899.742 *	897.463 *
-5.0	905.684 *	908.644 *	919.855 *	908.644 *	905.684 *	920.043 *	891.413 *	889.797 *	899.421 *	910.091 *
-7.0	877.811 *	885.658 *	889.471 *	885.658 *	877.811 *	891.939 *	898.356 *	894.846 *	900.245 *	911.820 *
-9.0	859.639 *	860.103 *	859.087 *	860.103 *	859.639 *	870.045 *	885.385 *	892.323 *	896.271 *	898.224 *
-11.0	856.971 *	846.977 *	842.411 *	846.977 *	856.971 *	869.797 *	880.872 *	886.428 *	886.466 *	885.252 *
-13.0	859.111 *	845.833 *	839.442 *	845.833 *	859.111 *	874.256 *	882.486 *	881.118 *	878.470 *	876.726 *
-15.0	858.494 *	844.232 *	836.473 *	844.232 *	858.494 *	869.388 *	872.364 *	870.314 *	868.855 *	868.225 *
-17.0	850.115 *	841.799 *	837.231 *	841.799 *	850.115 *	855.988 *	858.093 *	857.680 *	857.497 *	854.778 *
-19.5	842.145 *	839.686 *	838.178 *	839.686 *	842.145 *	843.221 *	844.386 *	846.118 *	845.599 *	841.366 *
-22.5	835.884 *	833.803 *	832.643 *	833.803 *	835.884 *	837.722 *	839.411 *	841.037 *	837.320 *	830.698 *
-25.5	826.874 *	824.920 *	823.608 *	824.920 *	826.874 *	828.037 *	828.534 *	828.490 *	825.807 *	820.232 *
-29.0	804.831 *	802.097 *	800.438 *	802.097 *	804.831 *	806.859 *	808.272 *	806.947 *	801.287 *	791.294 *
-33.0	761.224 *	761.113 *	760.558 *	761.113 *	761.224 *	759.833 *	756.759 *	751.849 *	744.980 *	737.592 *
-37.5	704.370 *	703.652 *	702.857 *	703.652 *	704.370 *	704.088 *	703.004 *	701.313 *	699.205 *	696.855 *
-42.5	637.345 *	634.609 *	632.855 *	634.609 *	637.345 *	639.078 *	639.847 *	639.693 *	638.663 *	636.804 *
-47.5	574.467 *	571.566 *	569.837 *	571.566 *	574.467 *	576.607 *	577.971 *	578.546 *	578.326 *	577.304 *
-55.0	480.308 *	477.246 *	475.714 *	477.246 *	480.308 *	481.068 *	481.955 *	482.156 *	481.694 *	480.591 *
-65.0	328.149 *	324.985 *	323.402 *	324.985 *	328.149 *	329.885 *	331.691 *	333.056 *	333.990 *	334.501 *
-75.0	178.784 *	174.075 *	171.720 *	174.075 *	178.784 *	183.492 *	186.486 *	190.151 *	193.611 *	196.891 *
-85.0	35.362	29.611	26.736	29.611	35.362	41.113	46.864	52.614	58.363	62.890
-90.0	8.344	6.694	5.869	6.694	8.344	9.993	11.643	13.292	14.942	16.591

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	18.239	19.888	21.948	24.420	27.446	30.976	35.009	39.543	44.580	47.706
85.0	68.096	73.165	79.290	86.085	91.889	97.964 *	104.217 *	110.301 *	115.791 *	117.333 *
75.0	200.013 *	203.001 *	206.585 *	212.674 *	224.638 *	237.374 *	250.210 *	262.318 *	272.715 *	273.440 *
65.0	334.600 *	334.296 *	333.367 *	337.681 *	345.153 *	353.783 *	363.797 *	374.722 *	383.947 *	383.977 *
55.0	478.875 *	476.572 *	473.839 *	472.704 *	471.656 *	470.877 *	467.637 *	463.820 *	458.951 *	457.392 *
47.5	575.481 *	572.832 *	569.618 *	563.865 *	556.538 *	546.126 *	533.857 *	526.663 *	517.519 *	505.562 *
42.5	634.166 *	631.536 *	627.675 *	621.322 *	613.188 *	601.597 *	584.277 *	563.944 *	549.417 *	534.302 *
37.5	694.101 *	688.743 *	681.732 *	673.282 *	665.086 *	652.724 *	632.363 *	607.637 *	582.556 *	562.830 *
33.0	733.726 *	729.077 *	722.245 *	712.685 *	701.711 *	688.997 *	668.511 *	640.360 *	612.488 *	588.251 *
29.0	780.461 *	769.597 *	756.261 *	743.410 *	730.849 *	716.638 *	694.127 *	664.213 *	635.134 *	609.066 *
25.5	814.713 *	806.664 *	790.075 *	771.566 *	753.666 *	736.583 *	717.067 *	683.016 *	650.897 *	623.597 *

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CANDELA TABULATION - (Cont.)

22.5	824.132 *	817.864 *	810.524 *	794.269 *	773.712 *	751.353 *	733.717 *	700.362 *	662.133 *	633.102 *
19.5	833.308 *	824.467 *	818.447 *	812.535 *	793.650 *	765.427 *	745.116 *	717.595 *	673.102 *	641.409 *
17.0	847.274 *	836.558 *	828.290 *	821.485 *	809.344 *	779.394 *	752.748 *	730.583 *	682.381 *	647.765 *
15.0	860.915 *	849.724 *	838.574 *	829.486 *	817.853 *	789.794 *	758.105 *	738.839 *	690.743 *	653.003 *
13.0	870.735 *	859.725 *	848.465 *	838.182 *	825.012 *	799.282 *	764.423 *	742.844 *	698.489 *	658.036 *
11.0	878.083 *	866.324 *	855.656 *	847.252 *	831.523 *	806.139 *	772.288 *	746.912 *	705.144 *	662.807 *
9.0	888.634 *	873.862 *	860.169 *	851.360 *	833.752 *	810.579 *	779.257 *	750.933 *	710.767 *	667.253 *
7.0	902.074 *	883.349 *	866.706 *	853.587 *	834.890 *	812.504 *	784.630 *	754.781 *	715.430 *	671.308 *
5.0	902.793 *	887.501 *	876.720 *	857.120 *	834.950 *	812.966 *	788.625 *	758.323 *	719.217 *	674.904 *
3.0	889.040 *	884.789 *	885.309 *	861.116 *	833.967 *	812.564 *	791.497 *	761.413 *	722.221 *	677.974 *
1.0	869.264 *	878.189 *	891.216 *	864.579 *	832.005 *	811.343 *	793.532 *	763.906 *	724.547 *	680.447 *
0.0	858.969 *	874.571 *	894.073 *	865.773 *	830.682 *	810.443 *	794.331 *	764.881 *	725.489 *	681.440 *
-1.0	869.264 *	878.189 *	891.216 *	864.579 *	832.005 *	811.343 *	793.532 *	763.906 *	724.547 *	680.447 *
-3.0	889.040 *	884.789 *	885.309 *	861.116 *	833.967 *	812.564 *	791.497 *	761.413 *	722.221 *	677.974 *
-5.0	902.793 *	887.501 *	876.720 *	857.120 *	834.950 *	812.966 *	788.625 *	758.323 *	719.217 *	674.904 *
-7.0	902.074 *	883.349 *	866.706 *	853.587 *	834.890 *	812.504 *	784.630 *	754.781 *	715.430 *	671.308 *
-9.0	888.634 *	873.862 *	860.169 *	851.360 *	833.752 *	810.579 *	779.257 *	750.933 *	710.767 *	667.253 *
-11.0	878.083 *	866.324 *	855.656 *	847.252 *	831.523 *	806.139 *	772.288 *	746.912 *	705.144 *	662.807 *
-13.0	870.735 *	859.725 *	848.465 *	838.182 *	825.012 *	799.282 *	764.423 *	742.844 *	698.489 *	658.036 *
-15.0	860.915 *	849.724 *	838.574 *	829.486 *	817.853 *	789.794 *	758.105 *	738.839 *	690.743 *	653.003 *
-17.0	847.274 *	836.558 *	828.290 *	821.485 *	809.344 *	779.394 *	752.748 *	730.583 *	682.381 *	647.765 *
-19.5	833.308 *	824.467 *	818.447 *	812.535 *	793.650 *	765.427 *	745.116 *	717.595 *	673.102 *	641.409 *
-22.5	824.132 *	817.864 *	810.524 *	794.269 *	773.712 *	751.353 *	733.717 *	700.362 *	662.133 *	633.102 *
-25.5	814.713 *	806.663 *	790.075 *	771.566 *	753.666 *	736.583 *	717.067 *	683.016 *	650.897 *	623.597 *
-29.0	780.461 *	769.597 *	756.261 *	743.410 *	730.849 *	716.638 *	694.127 *	664.213 *	635.134 *	609.066 *
-33.0	733.726 *	729.077 *	722.245 *	712.685 *	701.711 *	688.997 *	668.511 *	640.360 *	612.488 *	588.251 *
-37.5	694.101 *	688.743 *	681.732 *	673.282 *	665.086 *	652.724 *	632.363 *	607.637 *	582.556 *	562.830 *
-42.5	634.166 *	631.536 *	627.675 *	621.322 *	613.188 *	601.597 *	584.277 *	563.944 *	549.417 *	534.302 *
-47.5	575.481 *	572.832 *	569.618 *	563.865 *	556.538 *	546.126 *	533.857 *	526.663 *	517.519 *	505.562 *
-55.0	478.875 *	476.572 *	473.839 *	472.704 *	471.656 *	470.877 *	467.637 *	463.820 *	458.951 *	457.392 *
-65.0	334.600 *	334.296 *	333.367 *	337.681 *	345.153 *	353.783 *	363.797 *	374.722 *	383.947 *	383.977 *
-75.0	200.013 *	203.001 *	206.585 *	212.674 *	224.638 *	237.374 *	250.210 *	262.318 *	272.715 *	273.440 *
-85.0	68.096	73.165	79.290	86.085	91.889	97.964 *	104.217 *	110.301 *	115.791 *	117.333 *
-90.0	18.239	19.888	21.948	24.420	27.446	30.976	35.009	39.543	44.580	47.706

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	49.529	51.950	54.406	56.872	58.102
85.0	113.680 *	104.160 *	87.370	68.088	58.125
75.0	254.051 *	212.776 *	152.620 *	90.258	58.170
65.0	373.828 *	327.346 *	219.770 *	111.473 *	58.212
55.0	449.090 *	409.397 *	286.108 *	131.100 *	58.252
47.5	491.993 *	450.136 *	331.025 *	144.418 *	58.279
42.5	519.013 *	469.922 *	352.054 *	152.502 *	58.295
37.5	538.872 *	488.881 *	371.433 *	159.877 *	58.309
33.0	552.771 *	502.816 *	387.329 *	165.861 *	58.321
29.0	564.506 *	513.337 *	400.133 *	170.628 *	58.331
25.5	576.934 *	521.844 *	410.251 *	174.353 *	58.338
22.5	586.486 *	528.583 *	418.079 *	177.204 *	58.344
19.5	595.016 *	534.788 *	425.097 *	179.730 *	58.349
17.0	601.348 *	539.535 *	430.308 *	181.582 *	58.352
15.0	605.914 *	543.046 *	434.049 *	182.895 *	58.355
13.0	610.043 *	546.297 *	437.402 *	184.056 *	58.357
11.0	613.747 *	549.281 *	440.361 *	187.450 *	58.359
9.0	617.039 *	551.995 *	442.921 *	187.517 *	58.361

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-EMG-24-2L-LED-113.IES

CANDELA TABULATION - (Cont.)

7.0	619.935 *	554.435 *	445.075 *	187.583 *	58.362
5.0	622.453 *	556.596 *	448.133 *	187.650 *	58.363
3.0	624.968 *	558.798 *	448.624 *	187.717 *	58.364
1.0	626.472 *	560.106 *	449.116 *	187.784 *	58.364
0.0	627.225 *	560.760 *	449.362 *	187.818 *	58.364
-1.0	626.472 *	560.106 *	449.116 *	187.784 *	58.364
-3.0	624.968 *	558.798 *	448.624 *	187.717 *	58.364
-5.0	622.453 *	556.596 *	448.133 *	187.650 *	58.363
-7.0	619.935 *	554.435 *	445.075 *	187.583 *	58.362
-9.0	617.039 *	551.995 *	442.921 *	187.517 *	58.361
-11.0	613.747 *	549.281 *	440.361 *	187.450 *	58.359
-13.0	610.043 *	546.297 *	437.402 *	184.056 *	58.357
-15.0	605.914 *	543.046 *	434.049 *	182.895 *	58.355
-17.0	601.348 *	539.535 *	430.308 *	181.582 *	58.352
-19.5	595.016 *	534.788 *	425.097 *	179.730 *	58.349
-22.5	586.486 *	528.583 *	418.079 *	177.204 *	58.344
-25.5	576.934 *	521.844 *	410.251 *	174.353 *	58.338
-29.0	564.506 *	513.337 *	400.133 *	170.628 *	58.331
-33.0	552.771 *	502.816 *	387.329 *	165.861 *	58.321
-37.5	538.872 *	488.881 *	371.433 *	159.877 *	58.309
-42.5	519.013 *	469.922 *	352.054 *	152.502 *	58.295
-47.5	491.993 *	450.136 *	331.025 *	144.418 *	58.279
-55.0	449.090 *	409.397 *	286.108 *	131.100 *	58.252
-65.0	373.828 *	327.346 *	219.770 *	111.473 *	58.212
-75.0	254.051 *	212.776 *	152.620 *	90.258	58.170
-85.0	113.680 *	104.160 *	87.370	68.088	58.125
-90.0	49.529	51.950	54.406	56.872	58.102

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-EMG-24-2L-LED-113.IES

LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 1555.73
Total Field Lumens (one side of beam only) = 1545.09
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.03	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.18
85	0.31 *	0.64 *	0.67 *	0.69 *	0.72 *	0.74 *	0.76 *	0.78 *	0.80 *	1.02 *
75	0.76 *	1.53 *	1.55 *	1.56 *	1.57 *	1.58 *	1.58 *	1.58 *	1.57 *	1.95 *
65	1.22 *	2.45 *	2.46 *	2.46 *	2.46 *	2.45 *	2.43 *	2.41 *	2.38 *	2.93 *
55	1.20 *	2.40 *	2.41 *	2.41 *	2.40 *	2.39 *	2.37 *	2.34 *	2.31 *	2.84 *
47.5	0.92 *	1.84 *	1.84 *	1.84 *	1.84 *	1.83 *	1.81 *	1.79 *	1.77 *	2.17 *
42.5	1.02 *	2.04 *	2.04 *	2.03 *	2.02 *	2.01 *	1.99 *	1.97 *	1.94 *	2.38 *
37.5	1.00 *	2.01 *	2.00 *	1.99 *	1.98 *	1.96 *	1.93 *	1.90 *	1.87 *	2.30 *
33	0.95 *	1.91 *	1.90 *	1.90 *	1.88 *	1.86 *	1.83 *	1.80 *	1.76 *	2.15 *
29	0.87 *	1.74 *	1.74 *	1.73 *	1.73 *	1.71 *	1.69 *	1.66 *	1.63 *	1.98 *
25.5	0.76 *	1.52 *	1.52 *	1.51 *	1.51 *	1.50 *	1.48 *	1.46 *	1.43 *	1.75 *
22.5	0.76 *	1.53 *	1.53 *	1.53 *	1.53 *	1.52 *	1.50 *	1.48 *	1.45 *	1.77 *
19.5	0.64 *	1.28 *	1.29 *	1.29 *	1.28 *	1.28 *	1.27 *	1.25 *	1.22 *	1.50 *
17	0.51 *	1.03 *	1.04 *	1.05 *	1.04 *	1.04 *	1.03 *	1.01 *	0.99 *	1.21 *
15	0.51 *	1.04 *	1.05 *	1.06 *	1.06 *	1.05 *	1.04 *	1.03 *	1.01 *	1.23 *
13	0.51 *	1.04 *	1.05 *	1.06 *	1.07 *	1.06 *	1.05 *	1.04 *	1.02 *	1.24 *
11	0.52 *	1.04 *	1.05 *	1.06 *	1.07 *	1.07 *	1.06 *	1.05 *	1.03 *	1.25 *
9	0.53 *	1.06 *	1.06 *	1.07 *	1.08 *	1.08 *	1.07 *	1.06 *	1.04 *	1.26 *
7	0.55 *	1.09 *	1.09 *	1.09 *	1.08 *	1.08 *	1.08 *	1.07 *	1.05 *	1.27 *
5	0.55 *	1.11 *	1.10 *	1.07 *	1.06 *	1.07 *	1.07 *	1.06 *	1.04 *	1.28 *
3	0.55 *	1.10 *	1.08 *	1.07 *	1.08 *	1.08 *	1.07 *	1.05 *	1.03 *	1.28 *
1	0.27 *	0.55 *	0.55 *	0.56 *	0.56 *	0.55 *	0.54 *	0.52 *	0.51 *	0.64 *
0	0.27 *	0.55 *	0.55 *	0.56 *	0.56 *	0.55 *	0.54 *	0.52 *	0.51 *	0.64 *
-1	0.55 *	1.10 *	1.08 *	1.07 *	1.08 *	1.08 *	1.07 *	1.05 *	1.03 *	1.28 *

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LUMENS TABULATION - (Cont.)

-3	0.55 *	1.11 *	1.10 *	1.07 *	1.06 *	1.07 *	1.07 *	1.06 *	1.04 *	1.28 *
-5	0.55 *	1.09 *	1.09 *	1.09 *	1.08 *	1.08 *	1.08 *	1.07 *	1.05 *	1.27 *
-7	0.53 *	1.06 *	1.06 *	1.07 *	1.08 *	1.08 *	1.07 *	1.06 *	1.04 *	1.26 *
-9	0.52 *	1.04 *	1.05 *	1.06 *	1.07 *	1.07 *	1.06 *	1.05 *	1.03 *	1.25 *
-11	0.51 *	1.04 *	1.05 *	1.06 *	1.07 *	1.06 *	1.05 *	1.04 *	1.02 *	1.24 *
-13	0.51 *	1.04 *	1.05 *	1.06 *	1.06 *	1.05 *	1.04 *	1.03 *	1.01 *	1.23 *
-15	0.51 *	1.03 *	1.04 *	1.05 *	1.04 *	1.04 *	1.03 *	1.01 *	0.99 *	1.21 *
-17	0.64 *	1.28 *	1.29 *	1.29 *	1.28 *	1.28 *	1.27 *	1.25 *	1.22 *	1.50 *
-19.5	0.76 *	1.53 *	1.53 *	1.53 *	1.53 *	1.52 *	1.50 *	1.48 *	1.45 *	1.77 *
-22.5	0.76 *	1.52 *	1.52 *	1.51 *	1.51 *	1.50 *	1.48 *	1.46 *	1.43 *	1.75 *
-25.5	0.87 *	1.74 *	1.74 *	1.73 *	1.73 *	1.71 *	1.69 *	1.66 *	1.63 *	1.98 *
-29	0.95 *	1.91 *	1.90 *	1.90 *	1.88 *	1.86 *	1.83 *	1.80 *	1.76 *	2.15 *
-33	1.00 *	2.01 *	2.00 *	1.99 *	1.98 *	1.96 *	1.93 *	1.90 *	1.87 *	2.30 *
-37.5	1.02 *	2.04 *	2.04 *	2.03 *	2.02 *	2.01 *	1.99 *	1.97 *	1.94 *	2.38 *
-42.5	0.92 *	1.84 *	1.84 *	1.84 *	1.84 *	1.83 *	1.81 *	1.79 *	1.77 *	2.17 *
-47.5	1.20 *	2.40 *	2.41 *	2.41 *	2.40 *	2.39 *	2.37 *	2.34 *	2.31 *	2.84 *
-55	1.22 *	2.45 *	2.46 *	2.46 *	2.46 *	2.45 *	2.43 *	2.41 *	2.38 *	2.93 *
-65	0.76 *	1.53 *	1.55 *	1.56 *	1.57 *	1.58 *	1.58 *	1.58 *	1.57 *	1.95 *
-75	0.31 *	0.64 *	0.67 *	0.69 *	0.72 *	0.74 *	0.76 *	0.78 *	0.80 *	1.02 *
-85	0.03	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.18
-90										
Total	29.88	59.99	60.21	60.27	60.19	59.97	59.53	58.84	57.95	71.11

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.23	0.24	0.29	0.35	0.40	0.45	0.44	0.59	0.61	0.39
85	1.25 *	1.28 *	1.54 *	1.80 *	2.03 *	2.22 *	2.10 *	2.71 *	2.60 *	1.45 *
75	2.33 *	2.34 *	2.75 *	3.15 *	3.50 *	3.77 *	3.54 *	4.59 *	4.44 *	2.37 *
65	3.45 *	3.40 *	3.89 *	4.32 *	4.67 *	4.90 *	4.53 *	5.95 *	5.93 *	3.23 *
55	3.33 *	3.23 *	3.63 *	3.95 *	4.18 *	4.30 *	3.92 *	5.10 *	5.14 *	2.88 *

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LUMENS TABULATION - (Cont.)

47.5	2.54 *	2.46 *	2.75 *	2.96 *	3.09 *	3.15 *	2.84 *	3.66 *	3.67 *	2.09 *
42.5	2.78 *	2.68 *	3.00 *	3.23 *	3.34 *	3.36 *	3.00 *	3.85 *	3.83 *	2.19 *
37.5	2.68 *	2.59 *	2.89 *	3.10 *	3.21 *	3.21 *	2.84 *	3.61 *	3.57 *	2.05 *
33	2.50 *	2.41 *	2.69 *	2.89 *	2.99 *	2.98 *	2.63 *	3.31 *	3.25 *	1.88 *
29	2.29 *	2.19 *	2.44 *	2.62 *	2.70 *	2.69 *	2.37 *	2.97 *	2.90 *	1.68 *
25.5	2.03 *	1.94 *	2.14 *	2.30 *	2.38 *	2.36 *	2.08 *	2.59 *	2.53 *	1.47 *
22.5	2.07 *	1.99 *	2.19 *	2.35 *	2.43 *	2.41 *	2.11 *	2.63 *	2.56 *	1.49 *
19.5	1.75 *	1.69 *	1.86 *	1.99 *	2.06 *	2.04 *	1.78 *	2.22 *	2.16 *	1.25 *
17	1.42 *	1.37 *	1.51 *	1.61 *	1.67 *	1.66 *	1.44 *	1.79 *	1.74 *	1.01 *
15	1.43 *	1.38 *	1.53 *	1.62 *	1.68 *	1.67 *	1.45 *	1.81 *	1.75 *	1.02 *
13	1.45 *	1.39 *	1.55 *	1.64 *	1.69 *	1.69 *	1.47 *	1.82 *	1.76 *	1.03 *
11	1.46 *	1.40 *	1.56 *	1.65 *	1.71 *	1.70 *	1.48 *	1.83 *	1.77 *	1.03 *
9	1.46 *	1.41 *	1.56 *	1.66 *	1.72 *	1.71 *	1.49 *	1.84 *	1.78 *	1.04 *
7	1.47 *	1.41 *	1.56 *	1.67 *	1.73 *	1.72 *	1.50 *	1.85 *	1.79 *	1.04 *
5	1.48 *	1.41 *	1.56 *	1.67 *	1.73 *	1.73 *	1.50 *	1.86 *	1.80 *	1.05 *
3	1.49 *	1.42 *	1.56 *	1.68 *	1.74 *	1.73 *	1.51 *	1.86 *	1.80 *	1.05 *
1	0.75 *	0.71 *	0.78 *	0.84 *	0.87 *	0.87 *	0.76 *	0.93 *	0.90 *	0.53 *
0	0.75 *	0.71 *	0.78 *	0.84 *	0.87 *	0.87 *	0.76 *	0.93 *	0.90 *	0.53 *
-1	1.49 *	1.42 *	1.56 *	1.68 *	1.74 *	1.73 *	1.51 *	1.86 *	1.80 *	1.05 *
-3	1.48 *	1.41 *	1.56 *	1.67 *	1.73 *	1.73 *	1.50 *	1.86 *	1.80 *	1.05 *
-5	1.47 *	1.41 *	1.56 *	1.67 *	1.73 *	1.72 *	1.50 *	1.85 *	1.79 *	1.04 *
-7	1.46 *	1.41 *	1.56 *	1.66 *	1.72 *	1.71 *	1.49 *	1.84 *	1.78 *	1.04 *
-9	1.46 *	1.40 *	1.56 *	1.65 *	1.71 *	1.70 *	1.48 *	1.83 *	1.77 *	1.03 *
-11	1.45 *	1.39 *	1.55 *	1.64 *	1.69 *	1.69 *	1.47 *	1.82 *	1.76 *	1.03 *
-13	1.43 *	1.38 *	1.53 *	1.62 *	1.68 *	1.67 *	1.45 *	1.81 *	1.75 *	1.02 *
-15	1.42 *	1.37 *	1.51 *	1.61 *	1.67 *	1.66 *	1.44 *	1.79 *	1.74 *	1.01 *
-17	1.75 *	1.69 *	1.86 *	1.99 *	2.06 *	2.04 *	1.78 *	2.22 *	2.16 *	1.25 *
-19.5	2.07 *	1.99 *	2.19 *	2.35 *	2.43 *	2.41 *	2.11 *	2.63 *	2.56 *	1.49 *

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LUMENS TABULATION - (Cont.)

-22.5	2.03 *	1.94 *	2.14 *	2.30 *	2.38 *	2.36 *	2.08 *	2.59 *	2.53 *	1.47 *
-25.5	2.29 *	2.19 *	2.44 *	2.62 *	2.70 *	2.69 *	2.37 *	2.97 *	2.90 *	1.68 *
-29	2.50 *	2.41 *	2.69 *	2.89 *	2.99 *	2.98 *	2.63 *	3.31 *	3.25 *	1.88 *
-33	2.68 *	2.59 *	2.89 *	3.10 *	3.21 *	3.21 *	2.84 *	3.61 *	3.57 *	2.05 *
-37.5	2.78 *	2.68 *	3.00 *	3.23 *	3.34 *	3.36 *	3.00 *	3.85 *	3.83 *	2.19 *
-42.5	2.54 *	2.46 *	2.75 *	2.96 *	3.09 *	3.15 *	2.84 *	3.66 *	3.67 *	2.09 *
-47.5	3.33 *	3.23 *	3.63 *	3.95 *	4.18 *	4.30 *	3.92 *	5.10 *	5.14 *	2.88 *
-55	3.45 *	3.40 *	3.89 *	4.32 *	4.67 *	4.90 *	4.53 *	5.95 *	5.93 *	3.23 *
-65	2.33 *	2.34 *	2.75 *	3.15 *	3.50 *	3.77 *	3.54 *	4.59 *	4.44 *	2.37 *
-75	1.25 *	1.28 *	1.54 *	1.80 *	2.03 *	2.22 *	2.10 *	2.71 *	2.60 *	1.45 *
-85	0.23	0.24	0.29	0.35	0.40	0.45	0.44	0.59	0.61	0.39
-90										
Total	83.23	80.67	90.47	98.10	103.06	104.62	93.52	118.73	116.57	66.41

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.18	0.02	5.17
85	0.53 *	0.05	26.68
75	0.76 *	0.05	48.80
65	0.99 *	0.06	68.96
55	0.88 *	0.05 *	63.64
47.5	0.65 *	0.03 *	47.52
42.5	0.68 *	0.04 *	51.41
37.5	0.64 *	0.03 *	49.35
33	0.59 *	0.03 *	46.10
29	0.53 *	0.03 *	41.86
25.5	0.47 *	0.02 *	36.73
22.5	0.48 *	0.02 *	37.32
19.5	0.40 *	0.02 *	31.52
17	0.32 *	0.02 *	25.52

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LUMENS TABULATION - (Cont.)

15			
	0.33 *	0.02 *	25.77
13			
	0.33 *	0.02 *	25.97
11			
	0.33 *	0.02 *	26.14
9			
	0.33 *	0.02 *	26.34
7			
	0.34 *	0.02 *	26.54
5			
	0.34 *	0.02 *	26.59
3			
	0.34 *	0.02 *	26.58
1			
	0.17 *	0.01 *	13.36
0			
	0.17 *	0.01 *	13.36
-1			
	0.34 *	0.02 *	26.58
-3			
	0.34 *	0.02 *	26.59
-5			
	0.34 *	0.02 *	26.54
-7			
	0.33 *	0.02 *	26.34
-9			
	0.33 *	0.02 *	26.14
-11			
	0.33 *	0.02 *	25.97
-13			
	0.33 *	0.02 *	25.77
-15			
	0.32 *	0.02 *	25.52
-17			
	0.40 *	0.02 *	31.52
-19.5			
	0.48 *	0.02 *	37.32
-22.5			
	0.47 *	0.02 *	36.73
-25.5			
	0.53 *	0.03 *	41.86
-29			
	0.59 *	0.03 *	46.10
-33			
	0.64 *	0.03 *	49.35
-37.5			
	0.68 *	0.04 *	51.41
-42.5			
	0.65 *	0.03 *	47.52
-47.5			
	0.88 *	0.05 *	63.64
-55			
	0.99 *	0.06	68.96
-65			
	0.76 *	0.05	48.80

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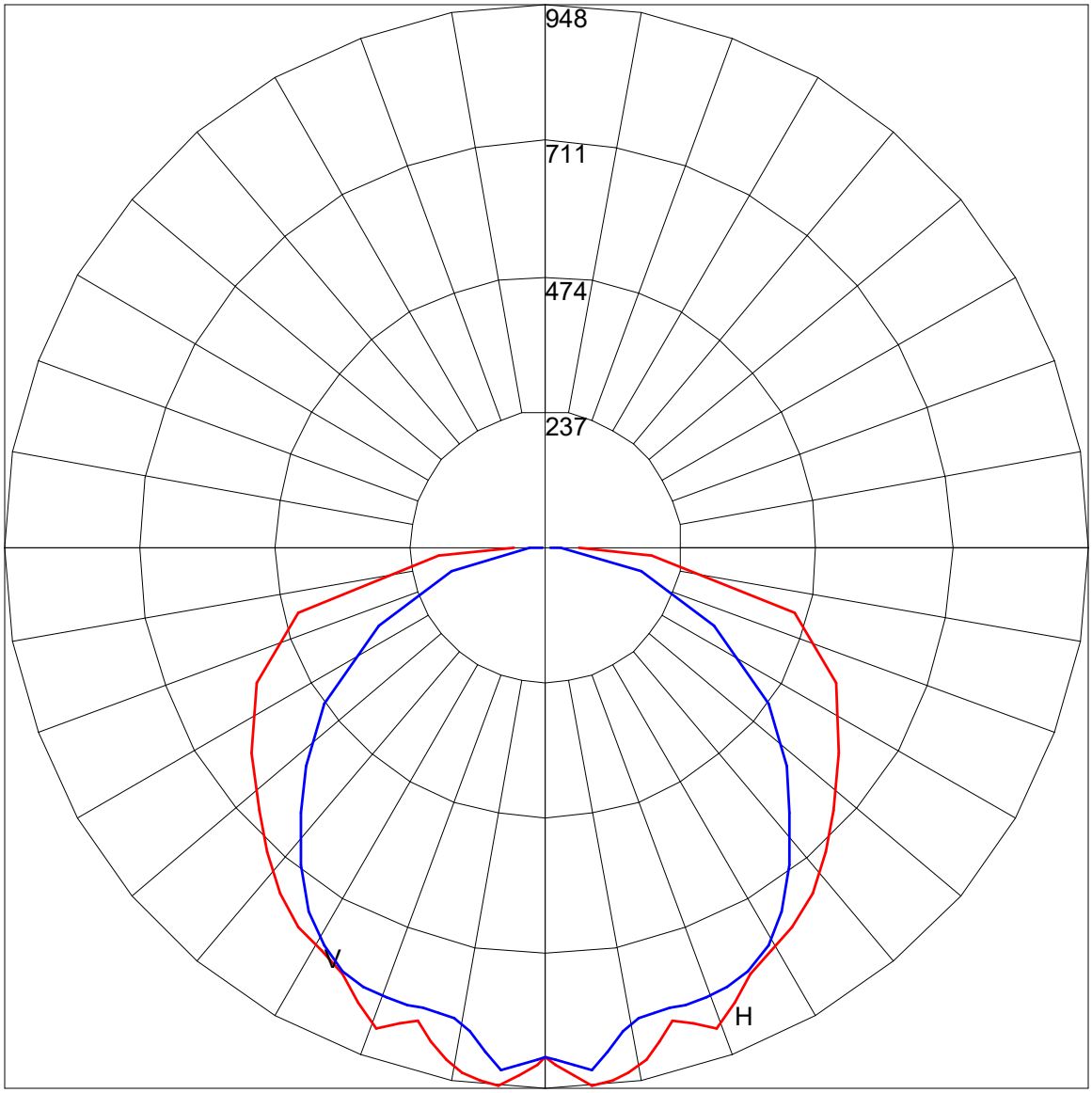
IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-EMG-24-2L-LED-113.IES

LUMENS TABULATION - (Cont.)

-75			
	0.53 *	0.05	26.68
-85			
	0.18	0.02	5.17
-90			
Total	21.21	1.18	1555.73

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-EMG-24-2L-LED-113.IES

AXIAL CANDELA DISPLAY

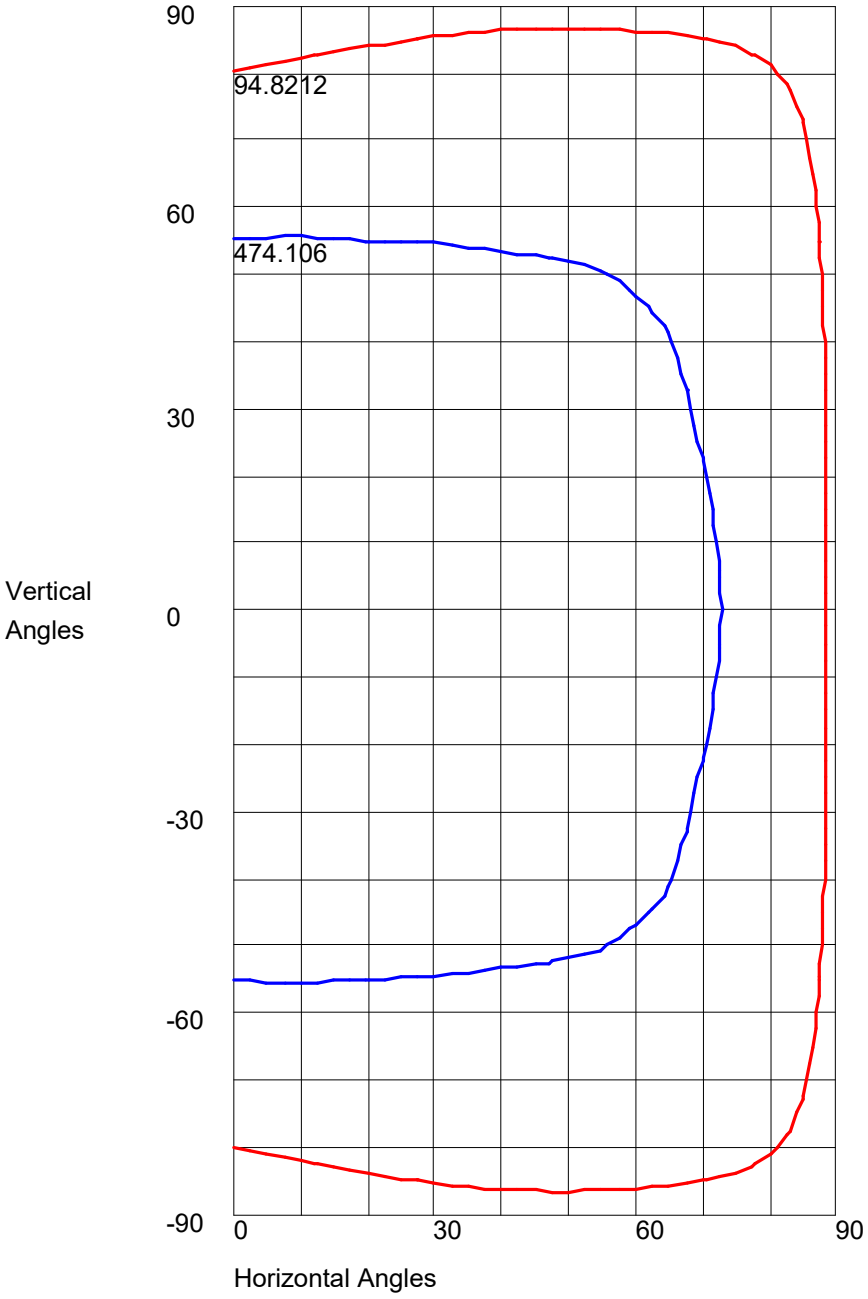


Maximum Candela = 948.212 Located At Horizontal Angle =-5, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-EMG-24-2L-LED-113.IES

ISOCANDELA CURVES



Maximum Candela = 948.212 Located At Horizontal Angle =-5, Vertical Angle = 0
50% Maximum Candela = 474.106
10% Maximum Candela = 94.8212

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