



IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR143W15400LMV50KBZ.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] PTR143W15400LMV50KBZ
 [TESTLAB] BACL
 [TESTDATE] 2017-03-23
 [ISSUEDATE] 2017-03-23 15:28:12
 [LAMPPOSITION] 0,0
 [OTHER] EVERFINE GO-R5000_V2 SYSTEM
 [MANUFAC] SAYLITE
 [LUMINAIRE] PTR143W15400LMV50KBZ
 [LAMP]

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	6877.81
Maximum Candela Angle	1H -1V
Horizontal Beam Angle (50%)	110.0
Vertical Beam Angle (50%)	111.0
Horizontal Field Angle (10%)	152.6
Vertical Field Angle (10%)	153.3
Lumens Per Lamp	15953 (1 lamp)
Total Lamp Lumens	15953
Beam Lumens	10951
Beam Efficiency	69 %
Field Lumens	15498
Field Efficiency	97 %
Spill Lumens	422
Luminaire Lumens	15920
Total Efficiency	100 %
Total Luminaire Watts	143.3
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	2.16	90	6.64
85	136.04	85	93.84
75	828.82	75	745.24
65	2151.23	65	1960.12
55	3597.39	55	3425.97
47.5	4513.08	47.5	4385.11
42.5	5036.5	42.5	4936.99
37.5	5484.29	37.5	5411.62
33	5831.96	33	5779.56
29	6091.96	29	6056.9
25.5	6277.61	25.5	6245.6
22.5	6412.33	22.5	6368.84
19.5	6525.06	19.5	5759.09
17	6605.35	17	3512.48
15	6664.64	15	3491.28
13	6711.85	13	3521.99
11	6751.42	11	3559.89
9	6788.3	9	4091.72
7	6821.51	7	5590.88
5	6849.64	5	6174.1
3	6868.18	3	6856.01
1	6877.11	1	6872.34
0	6876.13	0	6876.13
-1	6871.07	-1	6876.51
-3	6855.86	-3	6870.71
-5	6831.88	-5	6851.87
-7	6797.73	-7	6791.98
-9	6743.43	-9	5605.14
-11	6714.49	-11	4034.69
-13	6673.95	-13	3469.64
-15	6615.99	-15	3436.92
-17	6553.4	-17	3408.55
-19.5	6467.43	-19.5	4276.35
-22.5	6345.35	-22.5	6266.18
-25.5	6201.46	-25.5	6325.96
-29	6003.9	-29	6156.47
-33	5725.86	-33	5894.89
-37.5	5362.67	-37.5	5539.21
-42.5	4885.22	-42.5	5071.69
-47.5	4319.04	-47.5	4528.69
-55	3358.2	-55	3593.21
-65	1909.19	-65	2136.11
-75	729.49	-75	875.18
-85	75.66	-85	112.36
-90	2.9	-90	6.7

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CANDELA TABULATION

Maximum Candela = 6877.81
 Beam Edge = 3438.905 Cd (50% of Max.)
 Field Edge = 687.781 Cd (10% of Max.)
 * Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	2.89	6.81	14.68	20.41	19.77	19.28	18.01	15.78	13.77	11.98
85.0	2.89	7.42	17.99	33.16	35.28	44.76	55.96	66.48	69.67	73.22
75.0	2.89	9.21	47.98	125.41	226.25	284.04	322.74	404.21	466.95	520.60
65.0	2.89	11.96	118.99	331.99	563.56	709.52 *	792.19 *	950.29 *	1113.83 *	1274.53 *
55.0	2.90	14.20	228.78	599.49	1012.81 *	1275.29 *	1426.46 *	1651.33 *	2004.09 *	2321.98 *
47.5	2.90	25.40	311.88	820.45 *	1428.02 *	1805.68 *	2032.39 *	2256.85 *	2636.87 *	3017.93 *
42.5	2.90	34.45	364.82	985.53 *	1722.58 *	2133.08 *	2382.08 *	2649.10 *	2957.78 *	3361.11 *
37.5	2.90	43.88	435.77	1147.56 *	1992.64 *	2389.17 *	2645.90 *	2958.70 *	3251.26 *	3598.52 *
33.0	2.90	50.27	493.36	1285.92 *	2190.55 *	2558.37 *	2845.57 *	3197.00 *	3496.79 *	3730.85 *
29.0	2.90	56.24	539.78	1406.89 *	2348.82 *	2668.30 *	2998.97 *	3387.45 *	3687.27 *	3935.21 *
25.5	2.90	60.84	576.62	1504.45 *	2484.41 *	2800.46 *	3126.56 *	3521.11 *	3832.90 *	4074.00 *
22.5	2.90	64.30	605.17	1582.81 *	2602.32 *	2979.80 *	3230.15 *	3625.73 *	3942.31 *	4186.81 *
19.5	2.90	67.32	631.94	1653.00 *	2717.14 *	3167.08 *	3456.45 *	3716.37 *	4032.19 *	4272.61 *
17.0	2.90	69.48	653.05	1707.45 *	2811.04 *	3328.63 *	3654.94 *	3881.52 *	4095.85 *	4337.76 *
15.0	2.90	70.98	668.25	1746.51 *	2883.85 *	3459.07 *	3812.59 *	4065.21 *	4187.53 *	4381.27 *
13.0	2.90	72.28	681.91	1781.22 *	2958.10 *	3587.65 *	3976.38 *	4247.74 *	4394.56 *	4438.03 *
11.0	2.90	76.50	693.97 *	1812.15 *	3026.12 *	3713.25 *	4121.68 *	4428.83 *	4603.08 *	4673.87 *
9.0	2.90	76.35	704.38 *	1839.18 *	3094.44 *	3835.16 *	4271.71 *	4606.64 *	4817.62 *	4914.59 *
7.0	2.90	76.19	713.09 *	1862.17 *	3160.16 *	3952.72 *	4417.95 *	4786.77 *	5020.69 *	5158.28 *
5.0	2.90	76.04	725.88 *	1881.01 *	3222.49 *	4065.19 *	4559.16 *	4954.90 *	5227.20 *	5402.85 *
3.0	2.90	75.89	727.32 *	1900.62 *	3287.22 *	4171.80 *	4694.70 *	5122.71 *	5430.66 *	5646.45 *
1.0	2.90	75.74	728.77 *	1906.33 *	3334.52 *	4271.78 *	4823.58 *	5284.47 *	5630.10 *	5887.29 *
0.0	2.90	75.66	729.49 *	1909.19 *	3358.20 *	4319.04 *	4885.22 *	5362.67 *	5725.86 *	6003.90 *
-1.0	2.90	75.66	725.18 *	1894.60 *	3327.42 *	4270.55 *	4821.89 *	5282.72 *	5638.25 *	5937.06 *
-3.0	2.90	75.38	716.55 *	1865.45 *	3265.92 *	4168.14 *	4689.65 *	5117.37 *	5453.14 *	5790.49 *
-5.0	2.90	75.19	707.95 *	1822.53 *	3185.59 *	4059.12 *	4550.85 *	4945.71 *	5258.93 *	5627.39 *
-7.0	2.90	75.00	688.27 *	1780.54 *	3106.70 *	3944.27 *	4406.52 *	4773.43 *	5053.28 *	5440.88 *
-9.0	2.90	74.81	672.76	1734.63 *	3022.63 *	3824.19 *	4257.25 *	4589.00 *	4843.05 *	5226.35 *
-11.0	2.90	74.62	655.74	1684.99 *	2933.71 *	3699.44 *	4104.34 *	4406.67 *	4616.18 *	4980.95 *
-13.0	2.90	70.24	637.33	1631.81 *	2842.92 *	3570.78 *	3956.28 *	4221.71 *	4392.32 *	4707.76 *
-15.0	2.90	68.70	617.61	1575.29 *	2741.93 *	3437.86 *	3789.78 *	4035.90 *	4172.65 *	4612.06 *
-17.0	2.90	66.98	596.67	1515.34 *	2639.52 *	3301.59 *	3629.74 *	3849.26 *	4091.99 *	4540.55 *
-19.5	2.90	64.60	568.93	1436.17 *	2504.50 *	3127.36 *	3429.40 *	3685.45 *	4041.75 *	4447.92 *
-22.5	2.90	61.40	535.25	1338.04 *	2334.22 *	2913.64 *	3200.58 *	3608.18 *	3953.24 *	4332.20 *
-25.5	2.89	57.84	501.09	1236.21 *	2154.09 *	2697.32 *	3106.72 *	3516.09 *	3848.31 *	4172.32 *
-29.0	2.89	53.26	459.35	1118.26 *	1942.41 *	2522.66 *	2983.67 *	3396.38 *	3712.20 *	3992.61 *
-33.0	2.89	47.49	409.52	986.71 *	1694.63 *	2365.93 *	2815.76 *	3218.88 *	3536.55 *	3787.99 *
-37.5	2.89	41.46	351.17	842.89 *	1446.84 *	2156.86 *	2597.41 *	2991.72 *	3304.98 *	3660.72 *
-42.5	2.89	31.71	283.56	687.32	1246.38 *	1895.08 *	2320.89 *	2695.46 *	3034.77 *	3432.37 *
-47.5	2.89	22.37	230.30	535.57	1035.03 *	1608.60 *	1991.66 *	2351.96 *	2739.88 *	3099.90 *
-55.0	2.89	10.95	151.74	344.14	764.02 *	1175.52 *	1476.52 *	1797.98 *	2131.01 *	2441.94 *
-65.0	2.89	9.46	83.14	167.65	422.00	675.91	872.62 *	1068.08 *	1246.32 *	1409.33 *
-75.0	2.88	8.39	36.36	71.24	154.90	260.24	342.97	426.75	491.92	548.80
-85.0	2.88	7.30	15.46	23.33	37.83	52.78	59.08	61.90	65.98	70.73
-90.0	2.88	6.71	14.36	20.23	20.72	21.09	20.06	17.76	15.68	13.83

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	10.42	9.08	8.75	8.48	8.27	8.05	7.83	7.62	7.40	7.18
85.0	76.30	78.85	80.82	82.70	84.30	85.92	91.34	91.79	92.25	92.70
75.0	566.58	604.82	632.53	652.04	667.02	681.29	694.68 *	707.02 *	718.15 *	733.53 *
65.0	1424.10 *	1557.14 *	1669.72 *	1730.87 *	1775.46 *	1816.36 *	1852.17 *	1882.92 *	1908.66 *	1929.44 *
55.0	2602.98 *	2841.68 *	3071.94 *	3185.17 *	3241.42 *	3292.81 *	3330.41 *	3363.61 *	3389.52 *	3408.35 *
47.5	3339.63 *	3614.11 *	3887.78 *	4112.77 *	4173.36 *	4226.43 *	4271.33 *	4308.83 *	4338.74 *	4361.25 *
42.5	3711.27 *	4016.96 *	4308.69 *	4555.91 *	4708.42 *	4771.46 *	4810.68 *	4851.04 *	4883.85 *	4908.46 *
37.5	3961.68 *	4284.20 *	4608.88 *	4881.44 *	5100.39 *	5223.71 *	5273.52 *	5315.43 *	5354.82 *	5376.54 *
33.0	4093.95 *	4433.75 *	4777.58 *	5060.03 *	5276.32 *	5459.39 *	5486.43 *	5504.41 *	5539.05 *	5594.14 *
29.0	4133.23 *	4481.02 *	4774.24 *	4948.41 *	5028.46 *	5051.78 *	5037.20 *	5122.05 *	5272.25 *	5469.45 *
25.5	4255.35 *	4449.63 *	4717.24 *	4836.22 *	4846.35 *	4797.16 *	4717.07 *	4837.18 *	5142.64 *	5455.92 *
22.5	4372.31 *	4595.88 *	4901.51 *	5030.83 *	5067.21 *	4975.64 *	4787.31 *	4786.60 *	5125.30 *	5476.11 *
19.5	4499.78 *	4807.27 *	5240.29 *	5229.42 *	4703.62 *	4694.52 *	4794.01 *	4621.08 *	4443.56 *	4681.50 *
17.0	4595.12 *	4924.76 *	5149.37 *	4518.80 *	4720.39 *	4749.86 *	4395.92 *	3892.89 *	3471.50 *	3596.17 *
15.0	4638.14 *	4954.77 *	4706.85 *	4733.33 *	4860.70 *	4740.04 *	4415.49 *	4068.49 *	3673.11 *	3498.02 *
13.0	4638.95 *	4879.16 *	4709.04 *	4851.21 *	4916.14 *	4962.41 *	4718.53 *	4365.79 *	4030.43 *	3891.69 *
11.0	4659.85 *	4751.36 *	4812.90 *	4905.94 *	4959.30 *	5005.72 *	5044.50 *	4781.99 *	4691.52 *	4858.08 *
9.0	4931.66 *	4887.08 *	4867.21 *	4942.46 *	4995.28 *	5042.73 *	5082.84 *	5116.41 *	5104.76 *	5156.52 *
7.0	5209.84 *	5200.35 *	5133.19 *	5022.67 *	5025.85 *	5074.42 *	5115.93 *	5150.04 *	5175.23 *	5197.01 *
5.0	5492.97 *	5524.16 *	5504.35 *	5441.25 *	5355.17 *	5223.90 *	5143.31 *	5175.38 *	5203.39 *	5230.99 *
3.0	5778.05 *	5852.13 *	5886.85 *	5879.88 *	5848.10 *	5783.72 *	5669.02 *	5482.03 *	5230.36 *	5581.92 *
1.0	6061.58 *	6181.89 *	6274.26 *	6329.69 *	6360.02 *	6375.58 *	6361.21 *	6312.75 *	6239.45 *	6690.81 *
0.0	6201.46 *	6345.35 *	6467.43 *	6553.40 *	6615.99 *	6673.95 *	6714.49 *	6743.43 *	6797.73 *	6831.88 *
-1.0	6077.58 *	6178.72 *	6270.58 *	6323.37 *	6351.83 *	6365.32 *	6348.63 *	6306.56 *	6651.90 *	6834.20 *
-3.0	5833.30 *	5842.70 *	5876.45 *	5861.54 *	5824.27 *	5753.88 *	5632.21 *	5451.79 *	5901.91 *	6502.04 *
-5.0	5608.79 *	5508.65 *	5488.81 *	5412.48 *	5317.65 *	5176.89 *	5088.64 *	5120.76 *	5237.97 *	5193.63 *
-7.0	5432.74 *	5184.18 *	5113.48 *	4986.53 *	4980.91 *	5024.73 *	5063.26 *	5094.59 *	5119.03 *	5151.13 *
-9.0	5320.34 *	4885.35 *	4843.21 *	4908.56 *	4952.65 *	4995.27 *	5032.83 *	5063.85 *	5090.02 *	5113.90 *
-11.0	5248.48 *	4791.93 *	4804.69 *	4877.01 *	4919.57 *	4960.59 *	4996.25 *	4895.68 *	4985.85 *	5071.81 *
-13.0	5294.15 *	4930.50 *	4766.75 *	4835.87 *	4880.71 *	4920.09 *	4681.95 *	4468.24 *	4434.38 *	4510.74 *
-15.0	5243.58 *	5296.41 *	4736.30 *	4788.74 *	4837.69 *	4656.24 *	4364.32 *	4035.84 *	3758.10 *	3727.30 *
-17.0	5129.13 *	5577.40 *	4897.72 *	4735.63 *	4634.30 *	4383.39 *	4100.96 *	3775.96 *	3410.04 *	3415.57 *
-19.5	4968.51 *	5461.95 *	5681.34 *	4881.60 *	4651.35 *	4290.25 *	3862.29 *	3526.18 *	3554.85 *	3879.89 *
-22.5	4762.75 *	5213.91 *	5505.54 *	5496.57 *	5186.74 *	4830.40 *	4721.68 *	4373.19 *	4429.66 *	4735.70 *
-25.5	4545.67 *	4894.31 *	5042.91 *	5075.52 *	5037.36 *	4939.09 *	4778.14 *	4876.74 *	5192.03 *	5513.98 *
-29.0	4281.32 *	4572.13 *	4710.61 *	4719.66 *	4680.02 *	4615.27 *	4590.01 *	4869.90 *	5155.12 *	5442.93 *
-33.0	4146.59 *	4429.01 *	4640.21 *	4728.24 *	4741.96 *	4708.53 *	4794.21 *	4939.12 *	5126.52 *	5333.72 *
-37.5	4025.03 *	4343.78 *	4648.50 *	4866.47 *	5012.73 *	5072.11 *	5108.64 *	5161.67 *	5233.16 *	5312.73 *
-42.5	3780.49 *	4089.56 *	4383.16 *	4631.22 *	4785.43 *	4854.00 *	4898.56 *	4945.18 *	4985.52 *	5018.33 *
-47.5	3421.18 *	3696.55 *	3969.10 *	4193.14 *	4262.20 *	4322.32 *	4373.94 *	4418.47 *	4455.80 *	4485.86 *
-55.0	2708.55 *	2938.70 *	3159.43 *	3274.81 *	3337.00 *	3395.02 *	3439.83 *	3481.64 *	3517.42 *	3547.03 *
-65.0	1555.18 *	1683.32 *	1795.03 *	1861.02 *	1910.31 *	1956.72 *	1998.14 *	2034.55 *	2065.92 *	2092.27 *
-75.0	598.58	639.23	679.67	713.46 *	738.87 *	762.74 *	785.01 *	805.58 *	824.38 *	847.71 *
-85.0	74.96	78.53	85.02	89.93	93.51	96.79	102.51	104.30	106.09	107.88
-90.0	12.22	10.83	10.28	9.82	9.45	9.09	8.72	8.35	7.98	7.62

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	6.97	6.75	6.64	6.87	7.32	7.77	8.22	8.67	9.12	9.57
85.0	93.16	93.61	93.84	94.40	95.51	96.62	97.73	98.84	99.95	96.06
75.0	738.21 *	742.90 *	745.24 *	746.09 *	747.78 *	749.47 *	739.87 *	734.46 *	727.46 *	718.96 *
65.0	1950.65 *	1956.96 *	1960.12 *	1962.92 *	1968.51 *	1959.02 *	1949.81 *	1935.40 *	1915.65 *	1890.44 *

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CANDELA TABULATION - (Cont.)

55.0	3427.43	* 3426.46	* 3425.97	* 3428.16	* 3432.54	* 3417.62	* 3403.52	* 3383.33	* 3357.13	* 3327.76	*
47.5	4376.42	* 4384.11	* 4385.11	* 4387.65	* 4387.05	* 4378.98	* 4363.56	* 4340.75	* 4310.33	* 4272.51	*
42.5	4925.64	* 4935.16	* 4936.99	* 4938.60	* 4935.91	* 4925.43	* 4907.31	* 4881.74	* 4849.24	* 4818.15	*
37.5	5396.05	* 5408.35	* 5411.62	* 5400.03	* 5373.06	* 5344.82	* 5321.41	* 5292.39	* 5271.26	* 5240.83	*
33.0	5664.78	* 5742.57	* 5779.56	* 5709.14	* 5565.02	* 5429.47	* 5311.83	* 5217.23	* 5159.31	* 5127.50	*
29.0	5695.26	* 5936.47	* 6056.90	* 5931.22	* 5673.89	* 5417.45	* 5165.86	* 4936.72	* 4749.75	* 4790.24	*
25.5	5772.83	* 6089.05	* 6245.60	* 6097.57	* 5798.46	* 5498.84	* 5201.48	* 4910.43	* 4798.10	* 4875.54	*
22.5	5828.53	* 6188.64	* 6368.84	* 6081.31	* 5550.16	* 5145.38	* 4915.89	* 4828.27	* 4759.51	* 4843.32	*
19.5	5057.44	* 5495.15	* 5759.09	* 5466.60	* 4943.99	* 4383.37	* 3706.19	* 3623.65	* 4077.24	* 4542.22	*
17.0	3587.22	* 3505.50	* 3512.48	* 3506.05	* 3588.82	* 3598.68	* 3465.17	* 3819.33	* 4131.56	* 4404.14	*
15.0	3513.68	* 3503.22	* 3491.28	* 3497.09	* 3501.14	* 3493.47	* 3670.29	* 4054.20	* 4386.54	* 4667.66	*
13.0	3905.86	* 3683.59	* 3521.99	* 3665.71	* 3848.73	* 3787.24	* 3977.47	* 4338.45	* 4684.73	* 4923.69	*
11.0	4544.33	* 3922.81	* 3559.89	* 3903.45	* 4482.37	* 4760.74	* 4620.08	* 4723.82	* 5000.96	* 4967.79	*
9.0	4946.93	* 4401.43	* 4091.72	* 4386.28	* 4901.76	* 5095.38	* 5040.20	* 5067.07	* 5041.04	* 5007.12	*
7.0	5219.81	* 5463.09	* 5590.88	* 5536.06	* 5263.54	* 5145.02	* 5120.95	* 5100.59	* 5074.38	* 5040.74	*
5.0	5656.45	* 6372.27	* 6174.10	* 6501.50	* 6263.33	* 5185.07	* 5156.48	* 5128.35	* 5102.42	* 5197.60	*
3.0	6621.76	* 6850.27	* 6856.01	* 6857.35	* 6829.88	* 6364.56	* 5398.04	* 5454.30	* 5652.63	* 5781.34	*
1.0	6851.90	* 6868.18	* 6872.34	* 6874.25	* 6864.66	* 6843.80	* 6435.72	* 6332.75	* 6379.88	* 6399.20	*
0.0	6855.86	* 6871.07	* 6876.13	* 6877.11	* 6868.18	* 6849.64	* 6821.51	* 6788.30	* 6751.42	* 6711.85	*
-1.0	6857.25	* 6871.84	* 6876.51	* 6877.81	* 6868.66	* 6850.97	* 6626.58	* 6334.73	* 6380.87	* 6399.99	*
-3.0	6842.09	* 6866.28	* 6870.71	* 6871.07	* 6858.90	* 6755.00	* 5674.75	* 5459.72	* 5655.56	* 5783.50	*
-5.0	6320.89	* 6846.79	* 6851.87	* 6853.14	* 6755.80	* 5362.88	* 5190.41	* 5137.50	* 5107.89	* 5200.65	*
-7.0	5259.63	* 6287.79	* 6791.98	* 6653.78	* 5799.20	* 5211.83	* 5139.09	* 5114.19	* 5084.80	* 5048.41	*
-9.0	5138.64	* 5474.88	* 5605.14	* 5480.50	* 5154.53	* 5132.67	* 5108.75	* 5085.94	* 5057.28	* 5022.26	*
-11.0	4689.80	* 4281.84	* 4034.69	* 4285.74	* 4699.49	* 5083.20	* 4963.28	* 4876.87	* 5024.51	* 4990.18	*
-13.0	4240.16	* 3756.81	* 3469.64	* 3744.96	* 4187.00	* 4374.07	* 4303.07	* 4408.61	* 4700.63	* 4952.88	*
-15.0	3714.89	* 3550.86	* 3436.92	* 3515.91	* 3617.03	* 3584.10	* 3678.82	* 4040.57	* 4390.51	* 4691.48	*
-17.0	3425.83	* 3416.73	* 3408.55	* 3411.95	* 3416.43	* 3413.90	* 3422.39	* 3799.96	* 4163.26	* 4560.73	*
-19.5	4045.02	* 4176.42	* 4276.35	* 4180.35	* 4058.82	* 3927.57	* 3766.93	* 4039.15	* 4563.81	* 4789.30	*
-22.5	5318.81	* 5940.06	* 6266.18	* 6071.10	* 5729.38	* 5472.77	* 5148.38	* 4846.93	* 4779.87	* 4723.84	*
-25.5	5837.55	* 6163.69	* 6325.96	* 6168.12	* 5850.00	* 5531.96	* 5216.18	* 4907.04	* 4788.73	* 4903.86	*
-29.0	5730.86	* 6016.87	* 6156.47	* 6021.62	* 5748.25	* 5481.06	* 5227.26	* 5010.88	* 4857.51	* 4928.95	*
-33.0	5555.12	* 5782.94	* 5894.89	* 5834.42	* 5711.23	* 5598.74	* 5507.52	* 5442.24	* 5415.92	* 5406.32	*
-37.5	5402.02	* 5494.22	* 5539.21	* 5535.03	* 5521.72	* 5503.21	* 5484.62	* 5449.06	* 5412.88	* 5367.60	*
-42.5	5044.92	* 5064.61	* 5071.69	* 5071.22	* 5064.52	* 5050.28	* 5028.76	* 4999.33	* 4962.80	* 4927.62	*
-47.5	4508.56	* 4523.84	* 4528.69	* 4529.27	* 4524.90	* 4513.22	* 4494.36	* 4468.15	* 4434.45	* 4393.53	*
-55.0	3577.66	* 3588.03	* 3593.21	* 3594.74	* 3597.81	* 3580.60	* 3564.38	* 3541.95	* 3513.44	* 3481.89	*
-65.0	2119.20	* 2130.47	* 2136.11	* 2136.71	* 2137.92	* 2123.34	* 2109.26	* 2089.97	* 2065.44	* 2035.63	*
-75.0	858.69	* 869.68	* 875.18	* 873.84	* 871.17	* 868.50	* 853.18	* 842.34	* 829.53	* 814.79	*
-85.0	109.67	111.46	112.36	112.46	112.66	112.86	113.06	113.26	113.45	109.83	
-90.0	7.25	6.88	6.70	7.00	7.60	8.21	8.82	9.42	10.03	10.63	

Vert. Horizontal Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	10.02	10.46	11.03	11.70	12.82	14.14	15.64	17.33	19.20	20.33
85.0	95.97	95.91	95.94	96.17	93.49	90.25	86.50	83.10	77.00	68.63
75.0	709.05	* 697.82	* 682.04	* 660.04	* 627.88	* 587.79	* 541.80	* 486.72	* 423.00	* 320.05
65.0	1859.70	* 1826.00	* 1779.46	* 1684.55	* 1567.92	* 1436.97	* 1293.56	* 1140.25	* 967.58	* 759.00
55.0	3283.39	* 3234.69	* 3133.84	* 2924.66	* 2711.75	* 2457.37	* 2167.42	* 1855.94	* 1558.02	* 1278.98
47.5	4225.88	* 4169.99	* 3959.41	* 3701.79	* 3440.53	* 3133.09	* 2784.72	* 2407.10	* 2063.13	* 1702.68
42.5	4761.91	* 4620.06	* 4389.28	* 4113.20	* 3823.30	* 3489.17	* 3107.86	* 2770.80	* 2400.64	* 1989.44
37.5	5141.78	* 4945.53	* 4694.58	* 4387.75	* 4084.38	* 3740.28	* 3397.58	* 3081.85	* 2691.94	* 2260.13
33.0	5061.23	* 4964.25	* 4797.69	* 4533.22	* 4225.46	* 3880.26	* 3631.40	* 3317.16	* 2918.72	* 2477.43
29.0	4832.06	* 4824.89	* 4743.27	* 4548.65	* 4272.97	* 4064.44	* 3806.76	* 3494.19	* 3087.99	* 2640.04
25.5	4909.19	* 4908.17	* 4851.39	* 4654.42	* 4403.79	* 4186.14	* 3935.62	* 3614.34	* 3212.44	* 2819.75

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CANDELA TABULATION - (Cont.)

22.5	5159.11	* 5244.17	* 5158.10	* 4869.57	* 4551.44	* 4287.51	* 4023.97	* 3705.93	* 3305.13	* 3044.09	*
19.5	4598.51	* 4807.24	* 5463.89	* 5039.89	* 4676.79	* 4366.57	* 4096.03	* 3780.56	* 3539.87	* 3264.84	*
17.0	4638.80	* 4589.31	* 4782.06	* 5097.26	* 4742.31	* 4419.82	* 4142.38	* 3944.81	* 3746.88	* 3445.14	*
15.0	4831.37	* 4749.89	* 4604.74	* 5002.73	* 4761.79	* 4438.17	* 4227.75	* 4131.01	* 3910.78	* 3586.23	*
13.0	4885.92	* 4833.02	* 4730.09	* 4753.26	* 4720.16	* 4470.25	* 4439.79	* 4318.08	* 4080.26	* 3724.47	*
11.0	4928.85	* 4883.43	* 4808.97	* 4705.24	* 4691.68	* 4719.91	* 4655.69	* 4505.13	* 4232.95	* 3859.43	*
9.0	4966.52	* 4921.06	* 4854.58	* 4889.94	* 4955.60	* 4973.13	* 4878.28	* 4691.01	* 4390.22	* 3990.75	*
7.0	4999.12	* 5006.22	* 5130.77	* 5215.64	* 5243.11	* 5227.78	* 5091.00	* 4879.48	* 4543.69	* 4116.87	*
5.0	5343.73	* 5442.32	* 5517.31	* 5553.37	* 5537.76	* 5480.73	* 5307.51	* 5055.28	* 4691.38	* 4237.22	*
3.0	5859.28	* 5900.01	* 5916.94	* 5895.77	* 5834.61	* 5729.51	* 5521.22	* 5231.07	* 4834.00	* 4352.18	*
1.0	6395.73	* 6370.59	* 6322.59	* 6240.85	* 6130.93	* 5973.75	* 5731.03	* 5401.50	* 4970.67	* 4461.09	*
0.0	6664.64	* 6605.35	* 6525.06	* 6412.33	* 6277.61	* 6091.96	* 5831.96	* 5484.29	* 5036.50	* 4513.08	*
-1.0	6396.26	* 6371.40	* 6323.40	* 6241.58	* 6131.39	* 5969.72	* 5731.46	* 5402.22	* 4971.51	* 4462.86	*
-3.0	5861.15	* 5902.49	* 5919.38	* 5898.01	* 5835.91	* 5718.35	* 5522.55	* 5233.22	* 4836.54	* 4357.52	*
-5.0	5347.69	* 5446.59	* 5521.46	* 5557.22	* 5539.72	* 5464.84	* 5309.88	* 5058.88	* 4695.70	* 4246.19	*
-7.0	5006.46	* 5012.20	* 5136.71	* 5220.64	* 5244.65	* 5211.07	* 5094.60	* 4884.52	* 4549.90	* 4129.54	*
-9.0	4980.19	* 4932.45	* 4864.04	* 4895.76	* 4955.45	* 4959.33	* 4883.31	* 4697.47	* 4398.75	* 4007.23	*
-11.0	4949.04	* 4901.51	* 4833.03	* 4726.01	* 4675.56	* 4712.17	* 4662.49	* 4512.99	* 4244.24	* 3879.84	*
-13.0	4912.05	* 4865.77	* 4788.26	* 4679.73	* 4704.30	* 4468.77	* 4448.42	* 4327.43	* 4094.57	* 3748.95	*
-15.0	4873.57	* 4818.39	* 4704.62	* 4914.42	* 4759.24	* 4444.57	* 4238.02	* 4141.92	* 3929.87	* 3614.95	*
-17.0	4786.47	* 4735.99	* 4633.52	* 5155.94	* 4761.38	* 4426.33	* 4151.05	* 3956.59	* 3771.38	* 3478.26	*
-19.5	4716.30	* 4629.98	* 5393.97	* 5103.52	* 4699.46	* 4366.13	* 4099.73	* 3793.07	* 3572.80	* 3303.50	*
-22.5	5036.43	* 5328.76	* 5252.20	* 4911.39	* 4553.69	* 4278.16	* 4021.46	* 3715.82	* 3346.79	* 3089.91	*
-25.5	4962.59	* 4982.11	* 4922.44	* 4667.08	* 4383.79	* 4169.87	* 3926.98	* 3624.23	* 3251.44	* 2873.57	*
-29.0	4983.26	* 4965.89	* 4841.57	* 4585.66	* 4248.11	* 4041.56	* 3795.35	* 3506.68	* 3125.32	* 2700.23	*
-33.0	5300.15	* 5145.66	* 4896.60	* 4558.40	* 4217.57	* 3852.81	* 3621.18	* 3330.08	* 2957.13	* 2551.08	*
-37.5	5245.32	* 5026.11	* 4751.16	* 4422.92	* 4099.13	* 3735.83	* 3390.58	* 3101.71	* 2736.25	* 2382.38	*
-42.5	4868.92	* 4716.34	* 4467.78	* 4172.47	* 3865.50	* 3516.56	* 3124.02	* 2799.78	* 2476.50	* 2170.89	*
-47.5	4344.57	* 4288.17	* 4064.03	* 3793.12	* 3519.46	* 3198.63	* 2835.31	* 2458.84	* 2173.98	* 1922.08	*
-55.0	3438.65	* 3391.71	* 3288.77	* 3064.59	* 2830.67	* 2557.22	* 2244.16	* 1904.12	* 1651.58	* 1476.69	*
-65.0	2000.54	* 1962.45	* 1910.29	* 1801.57	* 1665.54	* 1513.57	* 1347.35	* 1167.80	* 980.73	* 875.24	*
-75.0	798.16	* 779.67	* 754.02	* 721.23	* 680.22	631.14	574.54	509.55	437.21	362.21	
-85.0	108.59	107.07	104.76	101.36	98.17	94.16	89.30	84.67	82.42	80.70	
-90.0	11.24	11.84	12.60	13.51	14.34	15.30	16.40	17.64	19.02	20.06	

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	20.90	21.66	15.29	6.54	2.16
85.0	47.99	27.83	19.36	6.57	2.16
75.0	206.85	95.48	62.80	13.96	2.16
65.0	483.27	219.71	127.86	35.05	2.16
55.0	864.90	* 402.25	218.44	55.83	2.16
47.5	1161.81	* 617.53	302.71	70.94	2.16
42.5	1369.73	* 786.03	* 362.00	80.45	2.16
37.5	1571.63	* 960.68	* 425.51	90.37	2.16
33.0	1831.25	* 1119.01	* 483.34	98.02	2.16
29.0	2091.24	* 1270.54	* 534.26	105.31	2.16
25.5	2314.93	* 1405.22	* 580.06	111.17	2.16
22.5	2501.67	* 1520.05	* 617.53	115.77	2.16
19.5	2675.89	* 1623.23	* 654.37	119.97	2.16
17.0	2815.82	* 1706.98	* 684.58	123.14	2.16
15.0	2924.15	* 1771.74	* 707.34	125.46	2.16
13.0	3031.29	* 1834.79	* 728.75	127.58	2.16
11.0	3129.98	* 1894.57	* 748.72	133.01	2.16
9.0	3226.96	* 1950.76	* 767.16	133.56	2.16

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	3319.05 *	2003.07 *	783.99 *	134.10	2.16
5.0	3405.87 *	2051.19 *	805.21 *	134.66	2.16
3.0	3494.32 *	2100.56 *	814.64 *	135.21	2.16
1.0	3563.01 *	2134.33 *	824.09 *	136.04	2.16
0.0	3597.39 *	2151.23 *	828.82 *	136.04	2.16
-1.0	3565.28 *	2144.39 *	828.66 *	136.07	2.16
-3.0	3501.13 *	2130.74 *	828.33 *	136.12	2.16
-5.0	3417.69 *	2101.59 *	828.00 *	136.17	2.16
-7.0	3336.20 *	2073.74 *	815.21 *	136.22	2.16
-9.0	3250.04 *	2041.81 *	806.71 *	136.27	2.16
-11.0	3159.76 *	2006.13 *	796.13 *	136.31	2.16
-13.0	3068.48 *	1967.03 *	783.49 *	131.35	2.16
-15.0	2972.43 *	1924.83 *	768.77 *	129.75	2.16
-17.0	2876.92 *	1881.23 *	752.00 *	127.93	2.16
-19.5	2757.73 *	1824.36 *	728.14 *	125.33	2.16
-22.5	2616.63 *	1753.93 *	697.82 *	121.75	2.16
-25.5	2471.18 *	1672.00 *	665.64	117.69	2.16
-29.0	2309.62 *	1573.97 *	623.65	112.36	2.17
-33.0	2138.55 *	1458.11 *	577.08	105.50	2.17
-37.5	1974.22 *	1328.78 *	521.77	98.22	2.17
-42.5	1797.70 *	1176.97 *	457.15	87.35	2.17
-47.5	1576.29 *	1007.22 *	388.47	76.54	2.17
-55.0	1215.03 *	698.25 *	290.71	59.06	2.17
-65.0	663.14	397.83	186.99	36.20	2.17
-75.0	279.85	186.49	96.25	14.38	2.17
-85.0	62.44	33.27	20.68	6.81	2.17
-90.0	21.12	22.54	15.98	6.77	2.17

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 7960.07
 Total Field Lumens (one side of beam only) = 7749.04
 * Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90	0.08	0.15	0.15	0.16	0.16	0.16	0.15	0.15	0.14	0.18
85	1.28	2.55	2.54	2.51	2.47	2.43	2.38	2.32	2.26	2.73
75	4.12 *	8.23 *	8.19 *	8.09 *	7.98 *	7.84 *	7.67 *	7.48 *	7.26 *	8.74 *
65	8.20 *	16.40 *	16.33 *	16.18 *	16.00 *	15.76 *	15.48 *	15.14 *	14.74 *	17.75 *
55	8.92 *	17.84 *	17.77 *	17.64 *	17.47 *	17.25 *	16.98 *	16.65 *	16.27 *	19.50 *
47.5	7.10 *	14.18 *	14.13 *	14.04 *	13.90 *	13.73 *	13.53 *	13.28 *	12.93 *	15.37 *
42.5	7.88 *	15.72 *	15.64 *	15.53 *	15.39 *	15.20 *	14.99 *	14.69 *	14.17 *	16.73 *
37.5	7.65 *	15.16 *	14.95 *	14.75 *	14.54 *	14.35 *	14.16 *	13.84 *	13.32 *	15.75 *
33	7.16 *	13.98 *	13.52 *	13.09 *	12.69 *	12.36 *	12.17 *	12.01 *	11.71 *	14.06 *
29	6.48 *	12.52 *	11.91 *	11.30 *	10.71 *	10.27 *	10.12 *	10.12 *	10.03 *	12.21 *
25.5	5.68 *	10.82 *	10.15 *	9.53 *	8.99 *	8.64 *	8.62 *	8.75 *	8.78 *	10.75 *
22.5	5.42 *	10.19 *	9.36 *	8.61 *	8.16 *	8.16 *	8.37 *	8.55 *	8.75 *	11.14 *
19.5	3.48 *	6.69 *	6.35 *	5.93 *	5.85 *	6.25 *	6.66 *	6.84 *	6.92 *	8.99 *
17	2.13 *	4.29 *	4.31 *	4.31 *	4.54 *	4.97 *	5.35 *	5.56 *	5.51 *	6.84 *
15	2.16 *	4.43 *	4.47 *	4.55 *	4.85 *	5.25 *	5.59 *	5.73 *	5.66 *	6.86 *
13	2.23 *	4.86 *	5.18 *	5.24 *	5.36 *	5.65 *	5.86 *	5.84 *	5.73 *	6.97 *
11	2.43 *	5.40 *	5.89 *	5.96 *	5.90 *	5.98 *	5.99 *	5.89 *	5.78 *	7.05 *
9	2.98 *	6.11 *	6.22 *	6.22 *	6.16 *	6.11 *	6.03 *	5.93 *	5.84 *	7.21 *
7	3.61 *	7.04 *	6.56 *	6.27 *	6.22 *	6.15 *	6.10 *	6.10 *	6.10 *	7.63 *
5	4.01 *	7.91 *	7.25 *	6.57 *	6.37 *	6.42 *	6.49 *	6.56 *	6.60 *	8.22 *
3	4.18 *	8.31 *	8.00 *	7.39 *	7.07 *	7.15 *	7.21 *	7.21 *	7.17 *	8.84 *
1	2.09 *	4.18 *	4.15 *	4.05 *	3.96 *	3.93 *	3.90 *	3.86 *	3.80 *	4.65 *
0	2.09 *	4.18 *	4.16 *	4.11 *	4.00 *	3.93 *	3.90 *	3.86 *	3.80 *	4.65 *
-1	4.19 *	8.36 *	8.26 *	7.85 *	7.30 *	7.13 *	7.20 *	7.20 *	7.16 *	8.83 *
-3	4.18 *	8.25 *	7.69 *	6.94 *	6.51 *	6.40 *	6.47 *	6.54 *	6.58 *	8.21 *

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LUMENS TABULATION - (Cont.)

-5	4.11 *	7.73 *	6.85 *	6.30 *	6.21 *	6.12 *	6.08 *	6.07 *	6.08 *	7.61 *
-7	3.71 *	6.89 *	6.38 *	6.22 *	6.16 *	6.09 *	6.01 *	5.91 *	5.82 *	7.20 *
-9	2.95 *	5.97 *	6.09 *	6.14 *	6.04 *	6.00 *	5.97 *	5.88 *	5.77 *	7.04 *
-11	2.37 *	5.16 *	5.60 *	5.71 *	5.63 *	5.71 *	5.84 *	5.83 *	5.73 *	6.99 *
-13	2.16 *	4.62 *	4.85 *	4.90 *	5.00 *	5.26 *	5.57 *	5.72 *	5.68 *	6.93 *
-15	2.10 *	4.27 *	4.30 *	4.30 *	4.51 *	4.90 *	5.26 *	5.53 *	5.59 *	6.88 *
-17	2.91 *	5.73 *	5.62 *	5.45 *	5.52 *	5.97 *	6.46 *	6.80 *	6.91 *	8.95 *
-19.5	4.73 *	9.02 *	8.47 *	7.93 *	7.62 *	7.81 *	8.17 *	8.47 *	8.77 *	11.44 *
-22.5	5.66 *	10.75 *	10.03 *	9.37 *	8.82 *	8.57 *	8.60 *	8.78 *	9.03 *	11.28 *
-25.5	6.57 *	12.66 *	12.00 *	11.33 *	10.68 *	10.15 *	10.01 *	10.10 *	10.10 *	12.42 *
-29	7.27 *	14.13 *	13.55 *	12.99 *	12.45 *	11.97 *	11.71 *	11.63 *	11.50 *	13.97 *
-33	7.80 *	15.36 *	15.02 *	14.69 *	14.37 *	14.08 *	13.84 *	13.58 *	13.20 *	15.74 *
-37.5	8.07 *	16.06 *	15.92 *	15.76 *	15.57 *	15.35 *	15.12 *	14.83 *	14.33 *	16.95 *
-42.5	7.31 *	14.59 *	14.51 *	14.40 *	14.25 *	14.06 *	13.84 *	13.58 *	13.21 *	15.69 *
-47.5	9.28 *	18.52 *	18.42 *	18.27 *	18.07 *	17.81 *	17.52 *	17.17 *	16.76 *	20.09 *
-55	8.72 *	17.41 *	17.30 *	17.12 *	16.90 *	16.62 *	16.30 *	15.93 *	15.50 *	18.66 *
-65	4.58 *	9.13 *	9.05 *	8.92 *	8.77 *	8.59 *	8.38 *	8.14 *	7.88 *	9.45 *
-75	1.50	2.98	2.95	2.90	2.84	2.77	2.69	2.60	2.51	3.00
-85	0.09	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.16	0.19
-90										
Total	201.63	398.91	390.23	379.71	372.13	369.50	368.91	366.84	361.53	440.34

Vert. Horizontal Angles

Angles	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
90	0.21	0.20	0.23	0.24	0.26	0.26	0.22	0.25	0.22	0.11
85	3.13	2.93	3.12	3.18	3.09	2.80	2.15	2.20	1.52	0.56
75	9.89 *	9.07 *	9.48 *	9.45 *	8.95 *	8.00 *	6.16	6.35	4.28	1.47
65	19.90 *	18.07 *	18.71 *	18.36 *	17.03 *	15.08 *	11.80 *	12.41 *	8.51	2.92
55	21.70 *	19.70 *	20.46 *	20.09 *	18.64 *	16.68 *	13.27 *	14.11 *	9.85 *	3.42
47.5	17.06 *	15.53 *	16.18 *	15.98 *	15.09 *	13.82 *	11.11 *	11.89 *	8.45 *	2.96

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR143W15400LMV50KBZ.IES

LUMENS TABULATION - (Cont.)

42.5	18.56 *	16.89 *	17.63 *	17.56 *	16.91 *	15.73 *	12.71 *	13.78 *	10.02 *	3.56
37.5	17.52 *	15.97 *	16.69 *	16.87 *	16.58 *	15.52 *	12.59 *	13.88 *	10.35 *	3.72 *
33	15.82 *	14.49 *	15.32 *	15.78 *	15.68 *	14.72 *	11.95 *	13.44 *	10.30 *	3.71 *
29	13.89 *	12.85 *	13.82 *	14.40 *	14.34 *	13.49 *	11.00 *	12.61 *	9.87 *	3.56 *
25.5	12.22 *	11.32 *	12.20 *	12.71 *	12.68 *	11.96 *	9.90 *	11.55 *	9.08 *	3.27 *
22.5	12.82 *	11.71 *	12.51 *	13.00 *	12.98 *	12.40 *	10.49 *	12.30 *	9.63 *	3.47 *
19.5	10.80 *	10.01 *	10.64 *	11.02 *	11.08 *	10.83 *	9.29 *	10.82 *	8.42 *	3.03 *
17	8.36 *	8.08 *	8.60 *	8.94 *	9.14 *	9.08 *	7.79 *	9.02 *	6.98 *	2.51 *
15	8.18 *	8.00 *	8.64 *	9.13 *	9.52 *	9.49 *	8.11 *	9.34 *	7.20 *	2.58 *
13	8.14 *	7.89 *	8.77 *	9.50 *	9.96 *	9.89 *	8.42 *	9.66 *	7.40 *	2.65 *
11	8.23 *	8.03 *	9.13 *	9.98 *	10.40 *	10.28 *	8.72 *	9.96 *	7.60 *	2.71 *
9	8.57 *	8.46 *	9.62 *	10.46 *	10.85 *	10.67 *	9.02 *	10.25 *	7.78 *	2.76 *
7	9.12 *	8.97 *	10.13 *	10.94 *	11.28 *	11.05 *	9.31 *	10.53 *	7.95 *	2.82 *
5	9.74 *	9.49 *	10.64 *	11.42 *	11.71 *	11.41 *	9.58 *	10.80 *	8.12 *	2.86 *
3	10.36 *	10.01 *	11.15 *	11.89 *	12.13 *	11.77 *	9.85 *	11.05 *	8.26 *	2.90 *
1	5.41 *	5.20 *	5.76 *	6.12 *	6.22 *	6.01 *	5.02 *	5.61 *	4.17 *	1.46 *
0	5.41 *	5.20 *	5.77 *	6.13 *	6.22 *	6.01 *	5.02 *	5.61 *	4.17 *	1.46 *
-1	10.35 *	10.03 *	11.20 *	11.95 *	12.14 *	11.77 *	9.85 *	11.05 *	8.25 *	2.90 *
-3	9.73 *	9.52 *	10.76 *	11.52 *	11.72 *	11.41 *	9.58 *	10.79 *	8.10 *	2.86 *
-5	9.11 *	9.04 *	10.32 *	11.08 *	11.30 *	11.04 *	9.31 *	10.51 *	7.92 *	2.81 *
-7	8.56 *	8.59 *	9.90 *	10.63 *	10.86 *	10.66 *	9.02 *	10.22 *	7.74 *	2.76 *
-9	8.24 *	8.24 *	9.50 *	10.15 *	10.41 *	10.27 *	8.72 *	9.92 *	7.54 *	2.71 *
-11	8.17 *	8.15 *	9.19 *	9.66 *	9.96 *	9.88 *	8.42 *	9.61 *	7.34 *	2.64 *
-13	8.28 *	8.31 *	9.06 *	9.26 *	9.51 *	9.48 *	8.11 *	9.29 *	7.12 *	2.58 *
-15	8.51 *	8.52 *	8.98 *	9.05 *	9.13 *	9.07 *	7.79 *	8.95 *	6.89 *	2.51 *
-17	11.17 *	10.66 *	11.06 *	11.15 *	11.08 *	10.82 *	9.29 *	10.71 *	8.29 *	3.02 *
-19.5	13.60 *	12.42 *	12.94 *	13.13 *	12.98 *	12.40 *	10.49 *	12.14 *	9.45 *	3.47 *
-22.5	12.93 *	11.87 *	12.51 *	12.81 *	12.68 *	11.97 *	9.88 *	11.33 *	8.89 *	3.28 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR143W15400LMV50KBZ.IES

LUMENS TABULATION - (Cont.)

-25.5	14.27 *	13.21 *	14.03 *	14.46 *	14.36 *	13.53 *	10.96 *	12.30 *	9.64 *	3.57 *
-29	15.88 *	14.62 *	15.43 *	15.84 *	15.73 *	14.77 *	11.85 *	13.02 *	10.06 *	3.75 *
-33	17.61 *	16.08 *	16.81 *	16.97 *	16.68 *	15.58 *	12.45 *	13.43 *	10.16 *	3.79 *
-37.5	18.81 *	17.11 *	17.84 *	17.75 *	17.10 *	15.83 *	12.61 *	13.46 *	9.98 *	3.67 *
-42.5	17.40 *	15.83 *	16.49 *	16.30 *	15.42 *	14.05 *	11.14 *	11.84 *	8.62 *	3.10 *
-47.5	22.37 *	20.33 *	21.13 *	20.80 *	19.37 *	17.28 *	13.60 *	14.43 *	10.23 *	3.56
-55	20.94 *	19.04 *	19.76 *	19.44 *	18.06 *	15.92 *	12.36 *	12.98 *	8.88 *	3.02
-65	10.65 *	9.75 *	10.19 *	10.13 *	9.56 *	8.46 *	6.47	6.60	4.46	1.59
-75	3.37	3.12	3.31	3.35	3.22	2.92	2.26	2.31	1.61	0.63
-85	0.22	0.21	0.23	0.25	0.26	0.26	0.24	0.28	0.23	0.11
-90										
Total	505.21	472.73	505.84	518.87	512.23	484.35	397.90	442.59	331.52	118.78

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.03	0.00		3.70
85	0.12	0.00		48.27
75	0.28	0.01		148.97
65	0.54	0.01		295.34
55	0.61	0.01		324.81
47.5	0.51	0.01		260.79
42.5	0.61	0.01		289.91
37.5	0.63	0.01		278.81
33	0.62	0.01		254.61
29	0.59	0.01		226.10
25.5	0.54	0.01		198.15
22.5	0.57	0.01		198.60
19.5	0.50	0.01		160.41
17	0.41	0.01		126.75
15	0.42	0.01		130.18

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR143W15400LMV50KBZ.IES

LUMENS TABULATION - (Cont.)

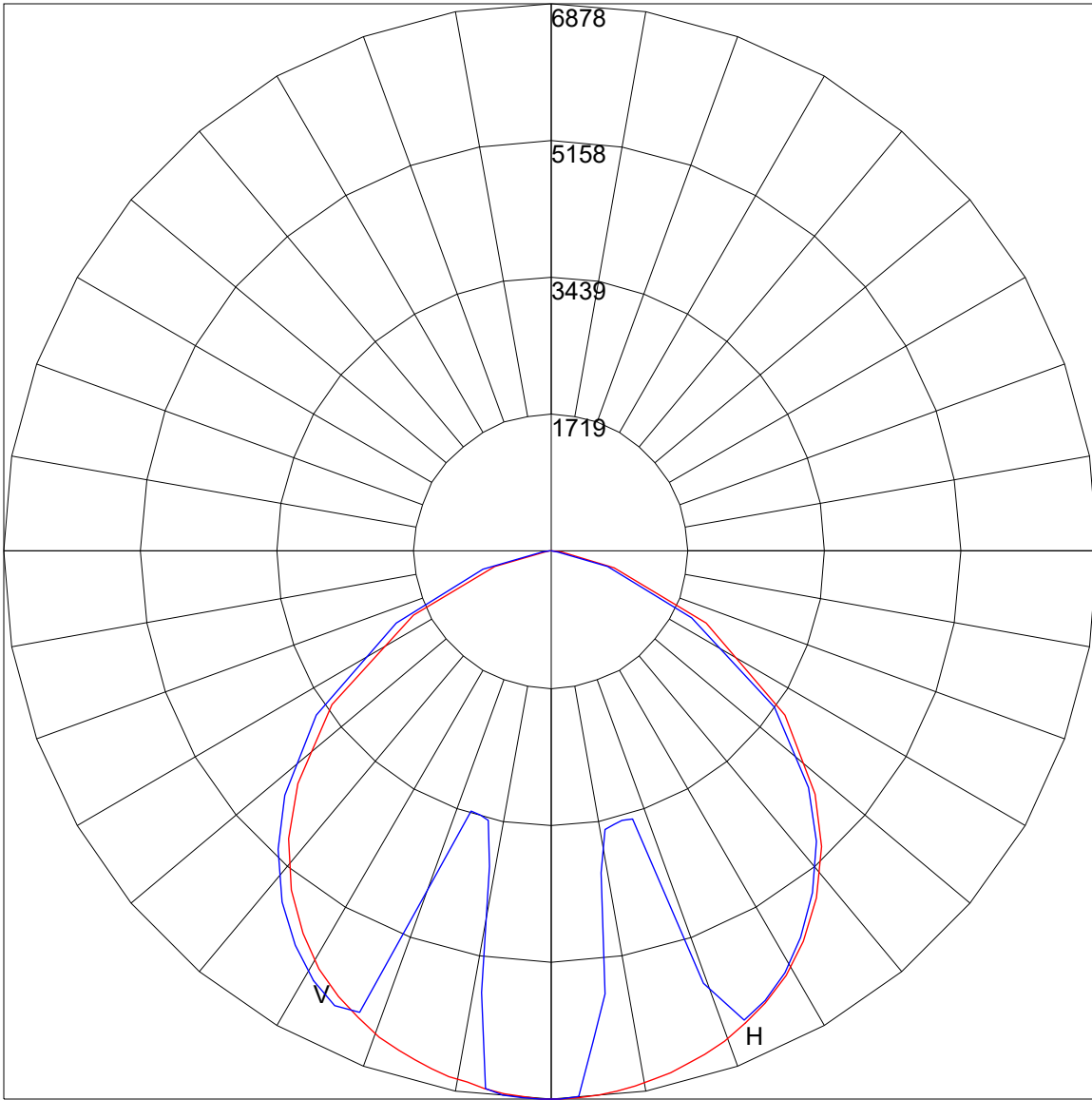
13			
	0.43	0.01	135.64
11			
	0.44	0.01	141.75
9			
	0.45	0.01	147.71
7			
	0.46	0.01	154.34
5			
	0.46	0.01	162.64
3			
	0.46	0.01	172.36
1			
	0.23	0.00	89.80
0			
	0.23	0.00	89.92
-1			
	0.47	0.01	173.42
-3			
	0.46	0.01	164.24
-5			
	0.46	0.01	156.07
-7			
	0.45	0.01	149.77
-9			
	0.44	0.01	144.02
-11			
	0.43	0.01	138.04
-13			
	0.42	0.01	132.11
-15			
	0.41	0.01	127.49
-17			
	0.50	0.01	158.08
-19.5			
	0.58	0.01	196.04
-22.5			
	0.55	0.01	199.58
-25.5			
	0.60	0.01	226.96
-29			
	0.63	0.01	252.80
-33			
	0.64	0.01	277.88
-37.5			
	0.62	0.01	292.74
-42.5			
	0.52	0.01	266.15
-47.5			
	0.61	0.01	335.62
-55			
	0.55	0.01	311.43
-65			
	0.31	0.01	161.07
-75			
	0.14	0.00	53.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR143W15400LMV50KBZ.IES

LUMENS TABULATION - (Cont.)

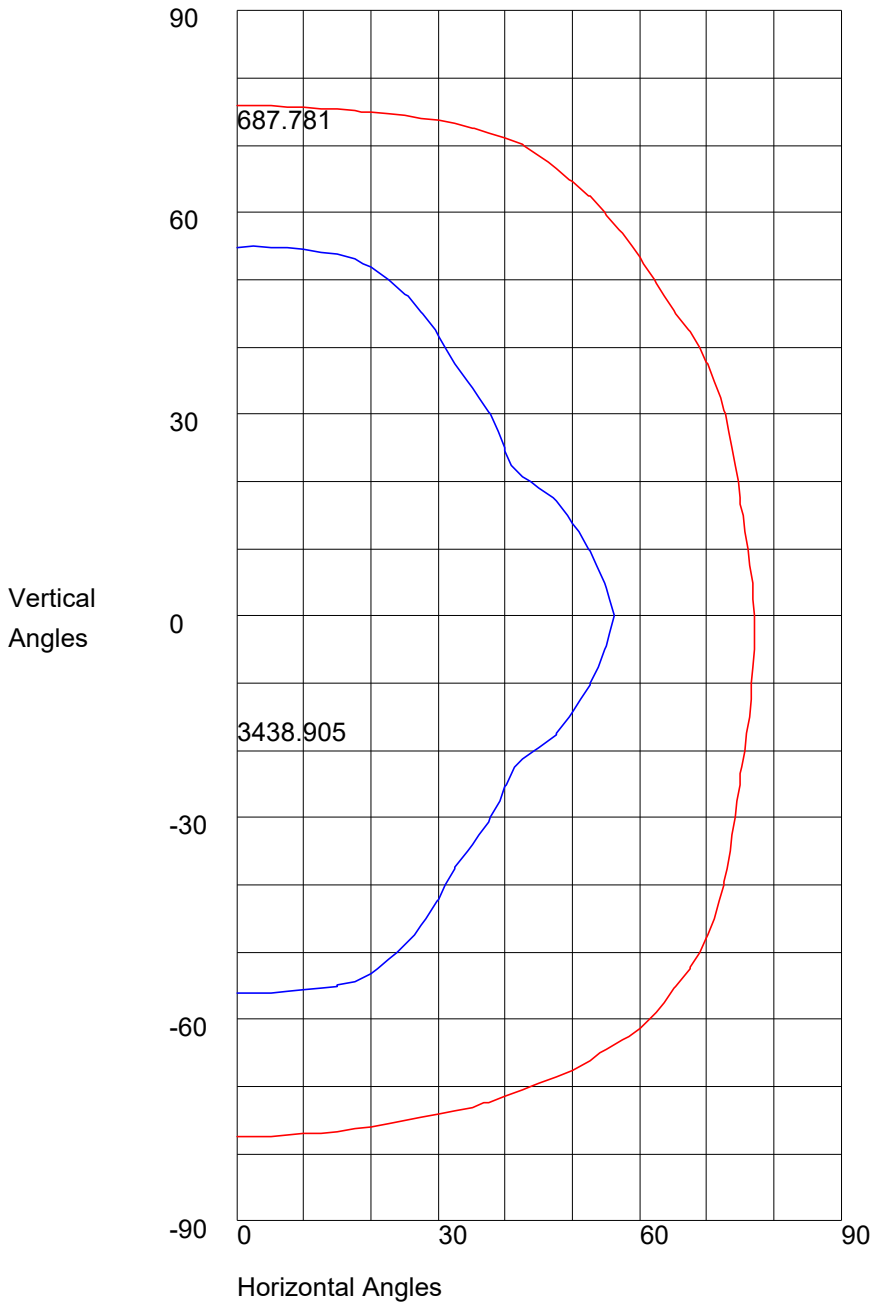
-85	0.03	0.00	4.01
-90			
Total	19.96	0.35	7960.07

AXIAL CANDELA DISPLAY



Maximum Candela = 6877.81 Located At Horizontal Angle = 1, Vertical Angle = -1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 6877.81 Located At Horizontal Angle = 1, Vertical Angle = -1
50% Maximum Candela = 3438.905
10% Maximum Candela = 687.781