



IES FLOOD REPORT
PHOTOMETRIC FILENAME : ITL52826.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[DATE]08/05/02
[TEST]ITL52826
[MANUFAC]LEXALITE INTERNATIONAL CORPORATION
[LUMCAT]MODEL 816 (2ND MOLD)
[LUMINAIRE]CLEAR ACRYLIC REFLECTOR WITH LINEAR EXTERIOR PRISMS, FABRICATED
[MORE]WHITE PAINTED FLUTED METAL UPPER MOUNTING COLLAR, OPEN BOTTOM.
[MORE]LAMP LIGHT CENTER LOCATED 7" UP FROM REFLECTOR BOTTOM.
[LAMP]ONE 320-WATT PHOSPHOR-COATED ED-37 METAL HALIDE, VERTICAL BASE-UP
[MORE]POSITION.
[_MOUNTING]SUSPENDED

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

CHARACTERISTICS

IES NEMA Type	7 H x 7 V
Maximum Candela	6658
Maximum Candela Angle	-29H -29V
Horizontal Beam Angle (50%)	104.6
Vertical Beam Angle (50%)	104.6
Horizontal Field Angle (10%)	180.0
Vertical Field Angle (10%)	180.0
Total Rated Lamp Lumens	30600
Beam Lumens	15695.68
Beam Efficiency	51.29%
Field Lumens	21640.09
Field Efficiency	70.72%
Spill Lumens	0.00
Total Lumens	21640.09
Total Efficiency	70.72%
Total Luminaire Watts	320
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	1368	90	1368
85	1353	85	1353
75	1419	75	1419
65	2020	65	2020
55	3944	55	3944
47.5	6292	47.5	6292
42.5	6632	42.5	6632
37.5	6584	37.5	6584
33	6147	33	6147
29	5528	29	5528
25.5	5021	25.5	5021
22.5	4739	22.5	4739
19.5	4537	19.5	4537
17	4406	17	4406
15	4317	15	4317
13	4240	13	4240
11	4183	11	4183
9	4152	9	4152
7	4131	7	4131
5	4087	5	4087
3	4081	3	4081
1	4066	1	4066
0	4057	0	4057
-1	4066	-1	4066
-3	4081	-3	4081
-5	4087	-5	4087
-7	4131	-7	4131
-9	4152	-9	4152
-11	4183	-11	4183
-13	4240	-13	4240
-15	4317	-15	4317
-17	4406	-17	4406
-19.5	4537	-19.5	4537
-22.5	4739	-22.5	4739
-25.5	5021	-25.5	5021
-29	5528	-29	5528
-33	6147	-33	6147
-37.5	6584	-37.5	6584
-42.5	6632	-42.5	6632
-47.5	6292	-47.5	6292
-55	3944	-55	3944
-65	2020	-65	2020
-75	1419	-75	1419
-85	1353	-85	1353
-90	1368	-90	1368

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CANDELA TABULATION

Maximum Candela = 6658
 Beam Edge = 3329 Cd (50% of Max.)
 Field Edge = 665.8 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	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *
85.0	1368 *	1368 *	1367 *	1367 *	1365 *	1362 *	1360 *	1359 *	1358 *	1357 *
75.0	1368 *	1367 *	1359 *	1347 *	1337 *	1332 *	1339 *	1346 *	1352 *	1367 *
65.0	1368 *	1367 *	1347 *	1333 *	1393 *	1478 *	1542 *	1610 *	1679 *	1740 *
55.0	1368 *	1365 *	1337 *	1393 *	1592 *	1820 *	2022 *	2269 *	2518 *	2736 *
47.5	1368 *	1362 *	1332 *	1478 *	1820 *	2280 *	2693 *	3241 *	3807 *	4378 *
42.5	1368 *	1360 *	1339 *	1542 *	2022 *	2693 *	3361 *	4228 *	5073 *	5731 *
37.5	1368 *	1359 *	1346 *	1610 *	2269 *	3241 *	4228 *	5352 *	6103 *	6438 *
33.0	1368 *	1358 *	1352 *	1679 *	2518 *	3807 *	5073 *	6103 *	6515 *	6621 *
29.0	1368 *	1357 *	1367 *	1740 *	2736 *	4378 *	5731 *	6438 *	6621 *	6658 *
25.5	1368 *	1356 *	1378 *	1793 *	2962 *	4859 *	6105 *	6571 *	6650 *	6595 *
22.5	1368 *	1355 *	1387 *	1837 *	3135 *	5220 *	6336 *	6619 *	6635 *	6483 *
19.5	1368 *	1355 *	1395 *	1882 *	3306 *	5541 *	6447 *	6641 *	6592 *	6336 *
17.0	1368 *	1354 *	1401 *	1914 *	3456 *	5753 *	6529 *	6651 *	6525 *	6178 *
15.0	1368 *	1354 *	1405 *	1938 *	3563 *	5870 *	6560 *	6657 *	6468 *	6059 *
13.0	1368 *	1354 *	1408 *	1958 *	3657 *	5973 *	6578 *	6639 *	6418 *	5934 *
11.0	1368 *	1353 *	1411 *	1976 *	3738 *	6063 *	6593 *	6624 *	6351 *	5824 *
9.0	1368 *	1353 *	1414 *	1990 *	3806 *	6138 *	6606 *	6611 *	6285 *	5731 *
7.0	1368 *	1353 *	1416 *	2002 *	3860 *	6199 *	6616 *	6600 *	6231 *	5653 *
5.0	1368 *	1353 *	1419 *	2011 *	3901 *	6244 *	6624 *	6592 *	6190 *	5592 *
3.0	1368 *	1353 *	1419 *	2020 *	3944 *	6292 *	6632 *	6587 *	6163 *	5552 *
1.0	1368 *	1353 *	1419 *	2020 *	3944 *	6292 *	6632 *	6584 *	6149 *	5531 *
0.0	1368 *	1353 *	1419 *	2020 *	3944 *	6292 *	6632 *	6584 *	6147 *	5528 *
-1.0	1368 *	1353 *	1419 *	2020 *	3944 *	6292 *	6632 *	6584 *	6149 *	5531 *
-3.0	1368 *	1353 *	1419 *	2020 *	3944 *	6292 *	6632 *	6587 *	6163 *	5552 *
-5.0	1368 *	1353 *	1419 *	2011 *	3901 *	6244 *	6624 *	6592 *	6190 *	5592 *
-7.0	1368 *	1353 *	1416 *	2002 *	3860 *	6199 *	6616 *	6600 *	6231 *	5653 *
-9.0	1368 *	1353 *	1414 *	1990 *	3806 *	6138 *	6606 *	6611 *	6285 *	5731 *
-11.0	1368 *	1353 *	1411 *	1976 *	3738 *	6063 *	6593 *	6624 *	6351 *	5824 *
-13.0	1368 *	1354 *	1408 *	1958 *	3657 *	5973 *	6578 *	6639 *	6418 *	5934 *
-15.0	1368 *	1354 *	1405 *	1938 *	3563 *	5870 *	6560 *	6657 *	6468 *	6059 *
-17.0	1368 *	1354 *	1401 *	1914 *	3456 *	5753 *	6529 *	6651 *	6525 *	6178 *
-19.5	1368 *	1355 *	1395 *	1882 *	3306 *	5541 *	6447 *	6641 *	6592 *	6336 *
-22.5	1368 *	1355 *	1387 *	1837 *	3135 *	5220 *	6336 *	6619 *	6635 *	6483 *
-25.5	1368 *	1356 *	1378 *	1793 *	2962 *	4859 *	6105 *	6571 *	6650 *	6595 *
-29.0	1368 *	1357 *	1367 *	1740 *	2736 *	4378 *	5731 *	6438 *	6621 *	6658 *
-33.0	1368 *	1358 *	1352 *	1679 *	2518 *	3807 *	5073 *	6103 *	6515 *	6621 *
-37.5	1368 *	1359 *	1346 *	1610 *	2269 *	3241 *	4228 *	5352 *	6103 *	6438 *
-42.5	1368 *	1360 *	1339 *	1542 *	2022 *	2693 *	3361 *	4228 *	5073 *	5731 *
-47.5	1368 *	1362 *	1332 *	1478 *	1820 *	2280 *	2693 *	3241 *	3807 *	4378 *
-55.0	1368 *	1365 *	1337 *	1393 *	1592 *	1820 *	2022 *	2269 *	2518 *	2736 *
-65.0	1368 *	1367 *	1347 *	1333 *	1393 *	1478 *	1542 *	1610 *	1679 *	1740 *
-75.0	1368 *	1367 *	1359 *	1347 *	1337 *	1332 *	1339 *	1346 *	1352 *	1367 *
-85.0	1368 *	1368 *	1367 *	1367 *	1365 *	1362 *	1360 *	1359 *	1358 *	1357 *
-90.0	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *

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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	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *
85.0	1356 *	1355 *	1355 *	1354 *	1354 *	1354 *	1353 *	1353 *	1353 *	1353 *
75.0	1378 *	1387 *	1395 *	1401 *	1405 *	1408 *	1411 *	1414 *	1416 *	1419 *
65.0	1793 *	1837 *	1882 *	1914 *	1938 *	1958 *	1976 *	1990 *	2002 *	2011 *
55.0	2962 *	3135 *	3306 *	3456 *	3563 *	3657 *	3738 *	3806 *	3860 *	3901 *
47.5	4859 *	5220 *	5541 *	5753 *	5870 *	5973 *	6063 *	6138 *	6199 *	6244 *
42.5	6105 *	6336 *	6447 *	6529 *	6560 *	6578 *	6593 *	6606 *	6616 *	6624 *
37.5	6571 *	6619 *	6641 *	6651 *	6657 *	6639 *	6624 *	6611 *	6600 *	6592 *
33.0	6650 *	6635 *	6592 *	6525 *	6468 *	6418 *	6351 *	6285 *	6231 *	6190 *
29.0	6595 *	6483 *	6336 *	6178 *	6059 *	5934 *	5824 *	5731 *	5653 *	5592 *
25.5	6436 *	6211 *	5958 *	5743 *	5582 *	5434 *	5303 *	5210 *	5136 *	5080 *
22.5	6211 *	5911 *	5600 *	5354 *	5194 *	5062 *	4948 *	4881 *	4826 *	4784 *
19.5	5958 *	5600 *	5257 *	5040 *	4905 *	4808 *	4724 *	4662 *	4611 *	4571 *
17.0	5743 *	5354 *	5040 *	4857 *	4739 *	4654 *	4575 *	4519 *	4474 *	4439 *
15.0	5582 *	5194 *	4905 *	4739 *	4640 *	4550 *	4484 *	4425 *	4384 *	4352 *
13.0	5434 *	5062 *	4808 *	4654 *	4550 *	4472 *	4404 *	4351 *	4307 *	4275 *
11.0	5303 *	4948 *	4724 *	4575 *	4484 *	4404 *	4340 *	4285 *	4241 *	4210 *
9.0	5210 *	4881 *	4662 *	4519 *	4425 *	4351 *	4285 *	4229 *	4193 *	4165 *
7.0	5136 *	4826 *	4611 *	4474 *	4384 *	4307 *	4241 *	4193 *	4157 *	4149 *
5.0	5080 *	4784 *	4571 *	4439 *	4352 *	4275 *	4210 *	4165 *	4149 *	4132 *
3.0	5042 *	4755 *	4549 *	4417 *	4330 *	4253 *	4193 *	4155 *	4143 *	4105 *
1.0	5023 *	4739 *	4538 *	4407 *	4317 *	4242 *	4184 *	4152 *	4133 *	4087 *
0.0	5021 *	4739 *	4537 *	4406 *	4317 *	4240 *	4183 *	4152 *	4131 *	4087 *
-1.0	5023 *	4739 *	4538 *	4407 *	4317 *	4242 *	4184 *	4152 *	4133 *	4087 *
-3.0	5042 *	4755 *	4549 *	4417 *	4330 *	4253 *	4193 *	4155 *	4143 *	4105 *
-5.0	5080 *	4784 *	4571 *	4439 *	4352 *	4275 *	4210 *	4165 *	4149 *	4132 *
-7.0	5136 *	4826 *	4611 *	4474 *	4384 *	4307 *	4241 *	4193 *	4157 *	4149 *
-9.0	5210 *	4881 *	4662 *	4519 *	4425 *	4351 *	4285 *	4229 *	4193 *	4165 *
-11.0	5303 *	4948 *	4724 *	4575 *	4484 *	4404 *	4340 *	4285 *	4241 *	4210 *
-13.0	5434 *	5062 *	4808 *	4654 *	4550 *	4472 *	4404 *	4351 *	4307 *	4275 *
-15.0	5582 *	5194 *	4905 *	4739 *	4640 *	4550 *	4484 *	4425 *	4384 *	4352 *
-17.0	5743 *	5354 *	5040 *	4857 *	4739 *	4654 *	4575 *	4519 *	4474 *	4439 *
-19.5	5958 *	5600 *	5257 *	5040 *	4905 *	4808 *	4724 *	4662 *	4611 *	4571 *
-22.5	6211 *	5911 *	5600 *	5354 *	5194 *	5062 *	4948 *	4881 *	4826 *	4784 *
-25.5	6436 *	6211 *	5958 *	5743 *	5582 *	5434 *	5303 *	5210 *	5136 *	5080 *
-29.0	6595 *	6483 *	6336 *	6178 *	6059 *	5934 *	5824 *	5731 *	5653 *	5592 *
-33.0	6650 *	6635 *	6592 *	6525 *	6468 *	6418 *	6351 *	6285 *	6231 *	6190 *
-37.5	6571 *	6619 *	6641 *	6651 *	6657 *	6639 *	6624 *	6611 *	6600 *	6592 *
-42.5	6105 *	6336 *	6447 *	6529 *	6560 *	6578 *	6593 *	6606 *	6616 *	6624 *
-47.5	4859 *	5220 *	5541 *	5753 *	5870 *	5973 *	6063 *	6138 *	6199 *	6244 *
-55.0	2962 *	3135 *	3306 *	3456 *	3563 *	3657 *	3738 *	3806 *	3860 *	3901 *
-65.0	1793 *	1837 *	1882 *	1914 *	1938 *	1958 *	1976 *	1990 *	2002 *	2011 *
-75.0	1378 *	1387 *	1395 *	1401 *	1405 *	1408 *	1411 *	1414 *	1416 *	1419 *
-85.0	1356 *	1355 *	1355 *	1354 *	1354 *	1354 *	1353 *	1353 *	1353 *	1353 *
-90.0	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *

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	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *
85.0	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1354 *
75.0	1419 *	1419 *	1419 *	1419 *	1419 *	1419 *	1416 *	1414 *	1411 *	1408 *
65.0	2020 *	2020 *	2020 *	2020 *	2020 *	2011 *	2002 *	1990 *	1976 *	1958 *

CANDELA TABULATION - (Cont.)

55.0	3944 *	3944 *	3944 *	3944 *	3944 *	3901 *	3860 *	3806 *	3738 *	3657 *
47.5	6292 *	6292 *	6292 *	6292 *	6292 *	6244 *	6199 *	6138 *	6063 *	5973 *
42.5	6632 *	6632 *	6632 *	6632 *	6632 *	6624 *	6616 *	6606 *	6593 *	6578 *
37.5	6587 *	6584 *	6584 *	6584 *	6587 *	6592 *	6600 *	6611 *	6624 *	6639 *
33.0	6163 *	6149 *	6147 *	6149 *	6163 *	6190 *	6231 *	6285 *	6351 *	6418 *
29.0	5552 *	5531 *	5528 *	5531 *	5552 *	5592 *	5653 *	5731 *	5824 *	5934 *
25.5	5042 *	5023 *	5021 *	5023 *	5042 *	5080 *	5136 *	5210 *	5303 *	5434 *
22.5	4755 *	4739 *	4739 *	4739 *	4755 *	4784 *	4826 *	4881 *	4948 *	5062 *
19.5	4549 *	4538 *	4537 *	4538 *	4549 *	4571 *	4611 *	4662 *	4724 *	4808 *
17.0	4417 *	4407 *	4406 *	4407 *	4417 *	4439 *	4474 *	4519 *	4575 *	4654 *
15.0	4330 *	4317 *	4317 *	4317 *	4330 *	4352 *	4384 *	4425 *	4484 *	4550 *
13.0	4253 *	4242 *	4240 *	4242 *	4253 *	4275 *	4307 *	4351 *	4404 *	4472 *
11.0	4193 *	4184 *	4183 *	4184 *	4193 *	4210 *	4241 *	4285 *	4340 *	4404 *
9.0	4155 *	4152 *	4152 *	4152 *	4155 *	4165 *	4193 *	4229 *	4285 *	4351 *
7.0	4143 *	4133 *	4131 *	4133 *	4143 *	4149 *	4157 *	4193 *	4241 *	4307 *
5.0	4105 *	4087 *	4087 *	4087 *	4105 *	4132 *	4149 *	4165 *	4210 *	4275 *
3.0	4085 *	4082 *	4081 *	4082 *	4085 *	4105 *	4143 *	4155 *	4193 *	4253 *
1.0	4082 *	4070 *	4066 *	4070 *	4082 *	4087 *	4133 *	4152 *	4184 *	4242 *
0.0	4081 *	4066 *	4057 *	4066 *	4081 *	4087 *	4131 *	4152 *	4183 *	4240 *
-1.0	4082 *	4070 *	4066 *	4070 *	4082 *	4087 *	4133 *	4152 *	4184 *	4242 *
-3.0	4085 *	4082 *	4081 *	4082 *	4085 *	4105 *	4143 *	4155 *	4193 *	4253 *
-5.0	4105 *	4087 *	4087 *	4087 *	4105 *	4132 *	4149 *	4165 *	4210 *	4275 *
-7.0	4143 *	4133 *	4131 *	4133 *	4143 *	4149 *	4157 *	4193 *	4241 *	4307 *
-9.0	4155 *	4152 *	4152 *	4152 *	4155 *	4165 *	4193 *	4229 *	4285 *	4351 *
-11.0	4193 *	4184 *	4183 *	4184 *	4193 *	4210 *	4241 *	4285 *	4340 *	4404 *
-13.0	4253 *	4242 *	4240 *	4242 *	4253 *	4275 *	4307 *	4351 *	4404 *	4472 *
-15.0	4330 *	4317 *	4317 *	4317 *	4330 *	4352 *	4384 *	4425 *	4484 *	4550 *
-17.0	4417 *	4407 *	4406 *	4407 *	4417 *	4439 *	4474 *	4519 *	4575 *	4654 *
-19.5	4549 *	4538 *	4537 *	4538 *	4549 *	4571 *	4611 *	4662 *	4724 *	4808 *
-22.5	4755 *	4739 *	4739 *	4739 *	4755 *	4784 *	4826 *	4881 *	4948 *	5062 *
-25.5	5042 *	5023 *	5021 *	5023 *	5042 *	5080 *	5136 *	5210 *	5303 *	5434 *
-29.0	5552 *	5531 *	5528 *	5531 *	5552 *	5592 *	5653 *	5731 *	5824 *	5934 *
-33.0	6163 *	6149 *	6147 *	6149 *	6163 *	6190 *	6231 *	6285 *	6351 *	6418 *
-37.5	6587 *	6584 *	6584 *	6584 *	6587 *	6592 *	6600 *	6611 *	6624 *	6639 *
-42.5	6632 *	6632 *	6632 *	6632 *	6632 *	6624 *	6616 *	6606 *	6593 *	6578 *
-47.5	6292 *	6292 *	6292 *	6292 *	6292 *	6244 *	6199 *	6138 *	6063 *	5973 *
-55.0	3944 *	3944 *	3944 *	3944 *	3944 *	3901 *	3860 *	3806 *	3738 *	3657 *
-65.0	2020 *	2020 *	2020 *	2020 *	2020 *	2011 *	2002 *	1990 *	1976 *	1958 *
-75.0	1419 *	1419 *	1419 *	1419 *	1419 *	1419 *	1416 *	1414 *	1411 *	1408 *
-85.0	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1353 *	1354 *
-90.0	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *

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	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *
85.0	1354 *	1354 *	1355 *	1355 *	1356 *	1357 *	1358 *	1359 *	1360 *	1362 *
75.0	1405 *	1401 *	1395 *	1387 *	1378 *	1367 *	1352 *	1346 *	1339 *	1332 *
65.0	1938 *	1914 *	1882 *	1837 *	1793 *	1740 *	1679 *	1610 *	1542 *	1478 *
55.0	3563 *	3456 *	3306 *	3135 *	2962 *	2736 *	2518 *	2269 *	2022 *	1820 *
47.5	5870 *	5753 *	5541 *	5220 *	4859 *	4378 *	3807 *	3241 *	2693 *	2280 *
42.5	6560 *	6529 *	6447 *	6336 *	6105 *	5731 *	5073 *	4228 *	3361 *	2693 *
37.5	6657 *	6651 *	6641 *	6619 *	6571 *	6438 *	6103 *	5352 *	4228 *	3241 *
33.0	6468 *	6525 *	6592 *	6635 *	6650 *	6621 *	6515 *	6103 *	5073 *	3807 *
29.0	6059 *	6178 *	6336 *	6483 *	6595 *	6658 *	6621 *	6438 *	5731 *	4378 *
25.5	5582 *	5743 *	5958 *	6211 *	6436 *	6595 *	6650 *	6571 *	6105 *	4859 *

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	5194 *	5354 *	5600 *	5911 *	6211 *	6483 *	6635 *	6619 *	6336 *	5220 *
19.5	4905 *	5040 *	5257 *	5600 *	5958 *	6336 *	6592 *	6641 *	6447 *	5541 *
17.0	4739 *	4857 *	5040 *	5354 *	5743 *	6178 *	6525 *	6651 *	6529 *	5753 *
15.0	4640 *	4739 *	4905 *	5194 *	5582 *	6059 *	6468 *	6657 *	6560 *	5870 *
13.0	4550 *	4654 *	4808 *	5062 *	5434 *	5934 *	6418 *	6639 *	6578 *	5973 *
11.0	4484 *	4575 *	4724 *	4948 *	5303 *	5824 *	6351 *	6624 *	6593 *	6063 *
9.0	4425 *	4519 *	4662 *	4881 *	5210 *	5731 *	6285 *	6611 *	6606 *	6138 *
7.0	4384 *	4474 *	4611 *	4826 *	5136 *	5653 *	6231 *	6600 *	6616 *	6199 *
5.0	4352 *	4439 *	4571 *	4784 *	5080 *	5592 *	6190 *	6592 *	6624 *	6244 *
3.0	4330 *	4417 *	4549 *	4755 *	5042 *	5552 *	6163 *	6587 *	6632 *	6292 *
1.0	4317 *	4407 *	4538 *	4739 *	5023 *	5531 *	6149 *	6584 *	6632 *	6292 *
0.0	4317 *	4406 *	4537 *	4739 *	5021 *	5528 *	6147 *	6584 *	6632 *	6292 *
-1.0	4317 *	4407 *	4538 *	4739 *	5023 *	5531 *	6149 *	6584 *	6632 *	6292 *
-3.0	4330 *	4417 *	4549 *	4755 *	5042 *	5552 *	6163 *	6587 *	6632 *	6292 *
-5.0	4352 *	4439 *	4571 *	4784 *	5080 *	5592 *	6190 *	6592 *	6624 *	6244 *
-7.0	4384 *	4474 *	4611 *	4826 *	5136 *	5653 *	6231 *	6600 *	6616 *	6199 *
-9.0	4425 *	4519 *	4662 *	4881 *	5210 *	5731 *	6285 *	6611 *	6606 *	6138 *
-11.0	4484 *	4575 *	4724 *	4948 *	5303 *	5824 *	6351 *	6624 *	6593 *	6063 *
-13.0	4550 *	4654 *	4808 *	5062 *	5434 *	5934 *	6418 *	6639 *	6578 *	5973 *
-15.0	4640 *	4739 *	4905 *	5194 *	5582 *	6059 *	6468 *	6657 *	6560 *	5870 *
-17.0	4739 *	4857 *	5040 *	5354 *	5743 *	6178 *	6525 *	6651 *	6529 *	5753 *
-19.5	4905 *	5040 *	5257 *	5600 *	5958 *	6336 *	6592 *	6641 *	6447 *	5541 *
-22.5	5194 *	5354 *	5600 *	5911 *	6211 *	6483 *	6635 *	6619 *	6336 *	5220 *
-25.5	5582 *	5743 *	5958 *	6211 *	6436 *	6595 *	6650 *	6571 *	6105 *	4859 *
-29.0	6059 *	6178 *	6336 *	6483 *	6595 *	6658 *	6621 *	6438 *	5731 *	4378 *
-33.0	6468 *	6525 *	6592 *	6635 *	6650 *	6621 *	6515 *	6103 *	5073 *	3807 *
-37.5	6657 *	6651 *	6641 *	6619 *	6571 *	6438 *	6103 *	5352 *	4228 *	3241 *
-42.5	6560 *	6529 *	6447 *	6336 *	6105 *	5731 *	5073 *	4228 *	3361 *	2693 *
-47.5	5870 *	5753 *	5541 *	5220 *	4859 *	4378 *	3807 *	3241 *	2693 *	2280 *
-55.0	3563 *	3456 *	3306 *	3135 *	2962 *	2736 *	2518 *	2269 *	2022 *	1820 *
-65.0	1938 *	1914 *	1882 *	1837 *	1793 *	1740 *	1679 *	1610 *	1542 *	1478 *
-75.0	1405 *	1401 *	1395 *	1387 *	1378 *	1367 *	1352 *	1346 *	1339 *	1332 *
-85.0	1354 *	1354 *	1355 *	1355 *	1356 *	1357 *	1358 *	1359 *	1360 *	1362 *
-90.0	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *	1368 *

Vert. Angles **Horizontal Angles**

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	1368 *	1368 *	1368 *	1368 *	1368 *
85.0	1365 *	1367 *	1367 *	1368 *	1368 *
75.0	1337 *	1347 *	1359 *	1367 *	1368 *
65.0	1393 *	1333 *	1347 *	1367 *	1368 *
55.0	1592 *	1393 *	1337 *	1365 *	1368 *
47.5	1820 *	1478 *	1332 *	1362 *	1368 *
42.5	2022 *	1542 *	1339 *	1360 *	1368 *
37.5	2269 *	1610 *	1346 *	1359 *	1368 *
33.0	2518 *	1679 *	1352 *	1358 *	1368 *
29.0	2736 *	1740 *	1367 *	1357 *	1368 *
25.5	2962 *	1793 *	1378 *	1356 *	1368 *
22.5	3135 *	1837 *	1387 *	1355 *	1368 *
19.5	3306 *	1882 *	1395 *	1355 *	1368 *
17.0	3456 *	1914 *	1401 *	1354 *	1368 *
15.0	3563 *	1938 *	1405 *	1354 *	1368 *
13.0	3657 *	1958 *	1408 *	1354 *	1368 *
11.0	3738 *	1976 *	1411 *	1353 *	1368 *
9.0	3806 *	1990 *	1414 *	1353 *	1368 *

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CANDELA TABULATION - (Cont.)

7.0	3860 *	2002 *	1416 *	1353 *	1368 *
5.0	3901 *	2011 *	1419 *	1353 *	1368 *
3.0	3944 *	2020 *	1419 *	1353 *	1368 *
1.0	3944 *	2020 *	1419 *	1353 *	1368 *
0.0	3944 *	2020 *	1419 *	1353 *	1368 *
-1.0	3944 *	2020 *	1419 *	1353 *	1368 *
-3.0	3944 *	2020 *	1419 *	1353 *	1368 *
-5.0	3901 *	2011 *	1419 *	1353 *	1368 *
-7.0	3860 *	2002 *	1416 *	1353 *	1368 *
-9.0	3806 *	1990 *	1414 *	1353 *	1368 *
-11.0	3738 *	1976 *	1411 *	1353 *	1368 *
-13.0	3657 *	1958 *	1408 *	1354 *	1368 *
-15.0	3563 *	1938 *	1405 *	1354 *	1368 *
-17.0	3456 *	1914 *	1401 *	1354 *	1368 *
-19.5	3306 *	1882 *	1395 *	1355 *	1368 *
-22.5	3135 *	1837 *	1387 *	1355 *	1368 *
-25.5	2962 *	1793 *	1378 *	1356 *	1368 *
-29.0	2736 *	1740 *	1367 *	1357 *	1368 *
-33.0	2518 *	1679 *	1352 *	1358 *	1368 *
-37.5	2269 *	1610 *	1346 *	1359 *	1368 *
-42.5	2022 *	1542 *	1339 *	1360 *	1368 *
-47.5	1820 *	1478 *	1332 *	1362 *	1368 *
-55.0	1592 *	1393 *	1337 *	1365 *	1368 *
-65.0	1393 *	1333 *	1347 *	1367 *	1368 *
-75.0	1337 *	1347 *	1359 *	1367 *	1368 *
-85.0	1365 *	1367 *	1367 *	1368 *	1368 *
-90.0	1368 *	1368 *	1368 *	1368 *	1368 *

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LUMEN TABULATION

Average Of Right And Left Sides
 Total Lumens (one side of beam only) = 10820.04
 Total Field Lumens (one side of beam only) = 10820.04
 * 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										
85	2.07 *	4.14 *	4.13 *	4.12 *	4.10 *	4.08 *	4.05 *	4.02 *	3.99 *	4.92 *
75	4.22 *	8.44 *	8.42 *	8.39 *	8.35 *	8.30 *	8.23 *	8.16 *	8.07 *	9.95 *
65	5.24 *	10.47 *	10.44 *	10.37 *	10.29 *	10.19 *	10.06 *	9.91 *	9.75 *	11.92 *
55	9.08 *	18.16 *	18.04 *	17.83 *	17.58 *	17.26 *	16.88 *	16.43 *	15.92 *	19.09 *
47.5	11.69 *	23.37 *	23.22 *	22.95 *	22.63 *	22.21 *	21.71 *	21.13 *	20.47 *	24.48 *
42.5	9.84 *	19.67 *	19.59 *	19.45 *	19.27 *	19.05 *	18.78 *	18.46 *	18.09 *	21.94 *
37.5	10.06 *	20.12 *	20.08 *	20.02 *	19.93 *	19.82 *	19.69 *	19.53 *	19.32 *	23.75 *
33	8.73 *	17.45 *	17.46 *	17.46 *	17.46 *	17.46 *	17.45 *	17.41 *	17.33 *	21.49 *
29	7.11 *	14.24 *	14.28 *	14.34 *	14.42 *	14.51 *	14.62 *	14.71 *	14.77 *	18.54 *
25.5	5.62 *	11.27 *	11.31 *	11.38 *	11.47 *	11.58 *	11.73 *	11.90 *	12.07 *	15.32 *
22.5	4.46 *	8.93 *	8.96 *	9.01 *	9.07 *	9.15 *	9.27 *	9.43 *	9.61 *	12.29 *
19.5	4.24 *	8.48 *	8.50 *	8.54 *	8.59 *	8.65 *	8.73 *	8.85 *	9.00 *	11.53 *
17	3.41 *	6.82 *	6.83 *	6.85 *	6.89 *	6.93 *	6.99 *	7.06 *	7.15 *	9.13 *
15	2.66 *	5.32 *	5.33 *	5.35 *	5.37 *	5.40 *	5.44 *	5.49 *	5.56 *	7.07 *
13	2.61 *	5.22 *	5.23 *	5.25 *	5.27 *	5.30 *	5.34 *	5.38 *	5.44 *	6.91 *
11	2.57 *	5.14 *	5.14 *	5.16 *	5.18 *	5.21 *	5.25 *	5.29 *	5.35 *	6.78 *
9	2.54 *	5.08 *	5.08 *	5.09 *	5.11 *	5.14 *	5.18 *	5.22 *	5.27 *	6.68 *
7	2.52 *	5.05 *	5.05 *	5.05 *	5.06 *	5.08 *	5.12 *	5.16 *	5.21 *	6.60 *
5	2.50 *	5.01 *	5.02 *	5.02 *	5.03 *	5.04 *	5.07 *	5.12 *	5.17 *	6.54 *
3	2.49 *	4.98 *	4.99 *	5.01 *	5.01 *	5.02 *	5.04 *	5.09 *	5.14 *	6.50 *
1	2.48 *	4.97 *	4.97 *	4.99 *	5.00 *	5.00 *	5.03 *	5.07 *	5.12 *	6.48 *
0	1.24 *	2.48 *	2.48 *	2.49 *	2.50 *	2.50 *	2.51 *	2.53 *	2.55 *	3.23 *
-1	1.24 *	2.48 *	2.48 *	2.49 *	2.50 *	2.50 *	2.51 *	2.53 *	2.55 *	3.23 *
-3	2.48 *	4.97 *	4.97 *	4.99 *	5.00 *	5.00 *	5.03 *	5.07 *	5.12 *	6.48 *
	2.49 *	4.98 *	4.99 *	5.01 *	5.01 *	5.02 *	5.04 *	5.09 *	5.14 *	6.50 *

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LUMENS TABULATION - (Cont.)

-5	2.50 *	5.01 *	5.02 *	5.02 *	5.03 *	5.04 *	5.07 *	5.12 *	5.17 *	6.54 *
-7	2.52 *	5.05 *	5.05 *	5.05 *	5.06 *	5.08 *	5.12 *	5.16 *	5.21 *	6.60 *
-9	2.54 *	5.08 *	5.08 *	5.09 *	5.11 *	5.14 *	5.18 *	5.22 *	5.27 *	6.68 *
-11	2.57 *	5.14 *	5.14 *	5.16 *	5.18 *	5.21 *	5.25 *	5.29 *	5.35 *	6.78 *
-13	2.61 *	5.22 *	5.23 *	5.25 *	5.27 *	5.30 *	5.34 *	5.38 *	5.44 *	6.91 *
-15	2.66 *	5.32 *	5.33 *	5.35 *	5.37 *	5.40 *	5.44 *	5.49 *	5.56 *	7.07 *
-17	3.41 *	6.82 *	6.83 *	6.85 *	6.89 *	6.93 *	6.99 *	7.06 *	7.15 *	9.13 *
-19.5	4.24 *	8.48 *	8.50 *	8.54 *	8.59 *	8.65 *	8.73 *	8.85 *	9.00 *	11.53 *
-22.5	4.46 *	8.93 *	8.96 *	9.01 *	9.07 *	9.15 *	9.27 *	9.43 *	9.61 *	12.29 *
-25.5	5.62 *	11.27 *	11.31 *	11.38 *	11.47 *	11.58 *	11.73 *	11.90 *	12.07 *	15.32 *
-29	7.11 *	14.24 *	14.28 *	14.34 *	14.42 *	14.51 *	14.62 *	14.71 *	14.77 *	18.54 *
-33	8.73 *	17.45 *	17.46 *	17.46 *	17.46 *	17.46 *	17.45 *	17.41 *	17.33 *	21.49 *
-37.5	10.06 *	20.12 *	20.08 *	20.02 *	19.93 *	19.82 *	19.69 *	19.53 *	19.32 *	23.75 *
-42.5	9.84 *	19.67 *	19.59 *	19.45 *	19.27 *	19.05 *	18.78 *	18.46 *	18.09 *	21.94 *
-47.5	11.69 *	23.37 *	23.22 *	22.95 *	22.63 *	22.21 *	21.71 *	21.13 *	20.47 *	24.48 *
-55	9.08 *	18.16 *	18.04 *	17.83 *	17.58 *	17.26 *	16.88 *	16.43 *	15.92 *	19.09 *
-65	5.24 *	10.47 *	10.44 *	10.37 *	10.29 *	10.19 *	10.06 *	9.91 *	9.75 *	11.92 *
-75	4.22 *	8.44 *	8.42 *	8.39 *	8.35 *	8.30 *	8.23 *	8.16 *	8.07 *	9.95 *
-85	2.07 *	4.14 *	4.13 *	4.12 *	4.10 *	4.08 *	4.05 *	4.02 *	3.99 *	4.92 *
-90										
Total	214.77	429.60	429.14	428.23	427.17	425.80	424.34	422.70	420.67	522.27

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	5.81 *	5.68 *	6.45 *	7.12 *	7.63 *	7.95 *	7.35 *	9.76 *	10.40 *	7.11 *
85	11.71 *	11.43 *	12.93 *	14.19 *	15.15 *	15.76 *	14.52 *	19.28 *	20.60 *	14.15 *
75	13.86 *	13.35 *	14.87 *	16.02 *	16.75 *	17.02 *	15.32 *	19.79 *	20.57 *	14.01 *
65	21.67 *	20.30 *	21.87 *	22.64 *	22.60 *	21.70 *	18.47 *	22.45 *	21.72 *	14.07 *
55	27.51 *	25.32 *	26.54 *	26.31 *	24.83 *	22.36 *	17.79 *	20.13 *	17.92 *	10.81 *
47.5	25.11 *	23.50 *	24.96 *	24.79 *	22.87 *	19.72 *	14.84 *	15.75 *	13.05 *	7.40 *

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LUMENS TABULATION - (Cont.)

42.5	27.77 *	26.74 *	29.43 *	30.47 *	29.04 *	25.03 *	18.20 *	18.26 *	14.15 *	7.59 *
37.5	25.42 *	24.86 *	28.02 *	30.16 *	30.31 *	27.24 *	19.80 *	19.03 *	13.82 *	7.01 *
33	22.22 *	22.01 *	25.14 *	27.58 *	28.74 *	27.23 *	20.44 *	19.20 *	13.19 *	6.39 *
29	18.65 *	18.79 *	21.80 *	24.23 *	25.73 *	25.36 *	19.85 *	18.67 *	12.29 *	5.72 *
25.5	15.15 *	15.51 *	18.28 *	20.65 *	22.22 *	22.42 *	18.18 *	17.34 *	11.10 *	4.99 *
22.5	14.31 *	14.83 *	17.76 *	20.40 *	22.23 *	22.78 *	19.01 *	18.44 *	11.59 *	5.07 *
19.5	11.33 *	11.82 *	14.34 *	16.73 *	18.47 *	19.15 *	16.33 *	16.13 *	10.04 *	4.29 *
17	8.74 *	9.13 *	11.16 *	13.17 *	14.72 *	15.39 *	13.30 *	13.32 *	8.27 *	3.46 *
15	8.52 *	8.88 *	10.90 *	12.99 *	14.65 *	15.42 *	13.45 *	13.62 *	8.45 *	3.49 *
13	8.34 *	8.66 *	10.66 *	12.81 *	14.57 *	15.42 *	13.57 *	13.88 *	8.62 *	3.51 *
11	8.20 *	8.49 *	10.46 *	12.63 *	14.48 *	15.42 *	13.67 *	14.11 *	8.75 *	3.53 *
9	8.10 *	8.37 *	10.30 *	12.48 *	14.40 *	15.42 *	13.76 *	14.29 *	8.87 *	3.55 *
7	8.02 *	8.27 *	10.17 *	12.36 *	14.33 *	15.41 *	13.83 *	14.44 *	8.96 *	3.56 *
5	7.96 *	8.21 *	10.08 *	12.27 *	14.29 *	15.42 *	13.88 *	14.56 *	9.03 *	3.57 *
3	7.93 *	8.16 *	10.02 *	12.21 *	14.26 *	15.42 *	13.91 *	14.63 *	9.07 *	3.58 *
1	3.96 *	4.07 *	5.00 *	6.10 *	7.12 *	7.71 *	6.96 *	7.31 *	4.54 *	1.79 *
0	3.96 *	4.07 *	5.00 *	6.10 *	7.12 *	7.71 *	6.96 *	7.31 *	4.54 *	1.79 *
-1	7.93 *	8.16 *	10.02 *	12.21 *	14.26 *	15.42 *	13.91 *	14.63 *	9.07 *	3.58 *
-3	7.96 *	8.21 *	10.08 *	12.27 *	14.29 *	15.42 *	13.88 *	14.56 *	9.03 *	3.57 *
-5	8.02 *	8.27 *	10.17 *	12.36 *	14.33 *	15.41 *	13.83 *	14.44 *	8.96 *	3.56 *
-7	8.10 *	8.37 *	10.30 *	12.48 *	14.40 *	15.42 *	13.76 *	14.29 *	8.87 *	3.55 *
-9	8.20 *	8.49 *	10.46 *	12.63 *	14.48 *	15.42 *	13.67 *	14.11 *	8.75 *	3.53 *
-11	8.34 *	8.66 *	10.66 *	12.81 *	14.57 *	15.42 *	13.57 *	13.88 *	8.62 *	3.51 *
-13	8.52 *	8.88 *	10.90 *	12.99 *	14.65 *	15.42 *	13.45 *	13.62 *	8.45 *	3.49 *
-15	8.74 *	9.13 *	11.16 *	13.17 *	14.72 *	15.39 *	13.30 *	13.32 *	8.27 *	3.46 *
-17	11.33 *	11.82 *	14.34 *	16.73 *	18.47 *	19.15 *	16.33 *	16.13 *	10.04 *	4.29 *
-19.5	14.31 *	14.83 *	17.76 *	20.40 *	22.23 *	22.78 *	19.01 *	18.44 *	11.59 *	5.07 *
-22.5	15.15 *	15.51 *	18.28 *	20.65 *	22.22 *	22.42 *	18.18 *	17.34 *	11.10 *	4.99 *

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LUMENS TABULATION - (Cont.)

-25.5	18.65 *	18.79 *	21.80 *	24.23 *	25.73 *	25.36 *	19.85 *	18.67 *	12.29 *	5.72 *
-29	22.22 *	22.01 *	25.14 *	27.58 *	28.74 *	27.23 *	20.44 *	19.20 *	13.19 *	6.39 *
-33	25.42 *	24.86 *	28.02 *	30.16 *	30.31 *	27.24 *	19.80 *	19.03 *	13.82 *	7.01 *
-37.5	27.77 *	26.74 *	29.43 *	30.47 *	29.04 *	25.03 *	18.20 *	18.26 *	14.15 *	7.59 *
-42.5	25.11 *	23.50 *	24.96 *	24.79 *	22.87 *	19.72 *	14.84 *	15.75 *	13.05 *	7.40 *
-47.5	27.51 *	25.32 *	26.54 *	26.31 *	24.83 *	22.36 *	17.79 *	20.13 *	17.92 *	10.81 *
-55	21.67 *	20.30 *	21.87 *	22.64 *	22.60 *	21.70 *	18.47 *	22.45 *	21.72 *	14.07 *
-65	13.86 *	13.35 *	14.87 *	16.02 *	16.75 *	17.02 *	15.32 *	19.79 *	20.57 *	14.01 *
-75	11.71 *	11.43 *	12.93 *	14.19 *	15.15 *	15.76 *	14.52 *	19.28 *	20.60 *	14.15 *
-85	5.81 *	5.68 *	6.45 *	7.12 *	7.63 *	7.95 *	7.35 *	9.76 *	10.40 *	7.11 *
-90										
Total	620.53	612.74	702.30	776.61	818.77	809.47	672.89	708.75	529.98	277.34

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	3.61 *	0.45 *		118.96
85	7.21 *	0.91 *		238.36
75	7.18 *	0.91 *		268.29
65	7.15 *	0.91 *		381.81
55	5.34 *	0.68 *		439.42
47.5	3.56 *	0.45 *		380.13
42.5	3.57 *	0.45 *		423.04
37.5	3.22 *	0.41 *		398.98
33	2.87 *	0.36 *		356.91
29	2.52 *	0.32 *		307.59
25.5	2.17 *	0.27 *		258.47
22.5	2.18 *	0.27 *		253.98
19.5	1.82 *	0.23 *		208.71
17	1.46 *	0.18 *		165.29
15	1.46 *	0.18 *		163.94

IES FLOOD REPORT
PHOTOMETRIC FILENAME : ITL52826.IES

LUMENS TABULATION - (Cont.)

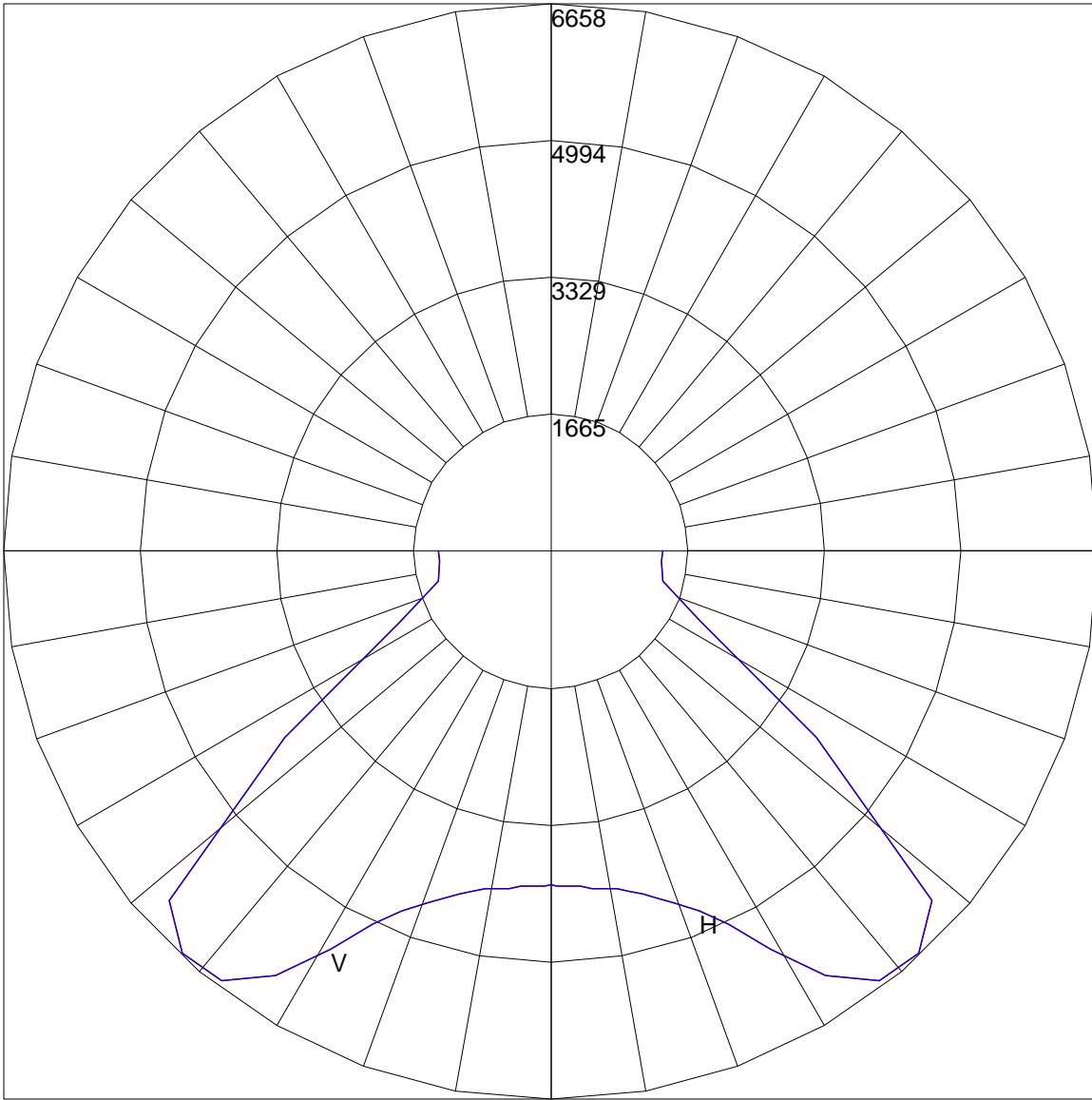
13	1.46 *	0.18 *	162.74
11	1.46 *	0.18 *	161.77
9	1.46 *	0.18 *	161.07
7	1.46 *	0.18 *	160.52
5	1.46 *	0.18 *	160.17
3	1.46 *	0.18 *	159.94
1	0.73 *	0.09 *	79.90
0	0.73 *	0.09 *	79.90
-1	1.46 *	0.18 *	159.94
-3	1.46 *	0.18 *	160.17
-5	1.46 *	0.18 *	160.52
-7	1.46 *	0.18 *	161.07
-9	1.46 *	0.18 *	161.77
-11	1.46 *	0.18 *	162.74
-13	1.46 *	0.18 *	163.94
-15	1.46 *	0.18 *	165.29
-17	1.82 *	0.23 *	208.71
-19.5	2.18 *	0.27 *	253.98
-22.5	2.17 *	0.27 *	258.47
-25.5	2.52 *	0.32 *	307.59
-29	2.87 *	0.36 *	356.91
-33	3.22 *	0.41 *	398.98
-37.5	3.57 *	0.45 *	423.04
-42.5	3.56 *	0.45 *	380.13
-47.5	5.34 *	0.68 *	439.42
-55	7.15 *	0.91 *	381.81
-65	7.18 *	0.91 *	268.29
-75	7.21 *	0.91 *	238.36

IES FLOOD REPORT
PHOTOMETRIC FILENAME : ITL52826.IES

LUMENS TABULATION - (Cont.)

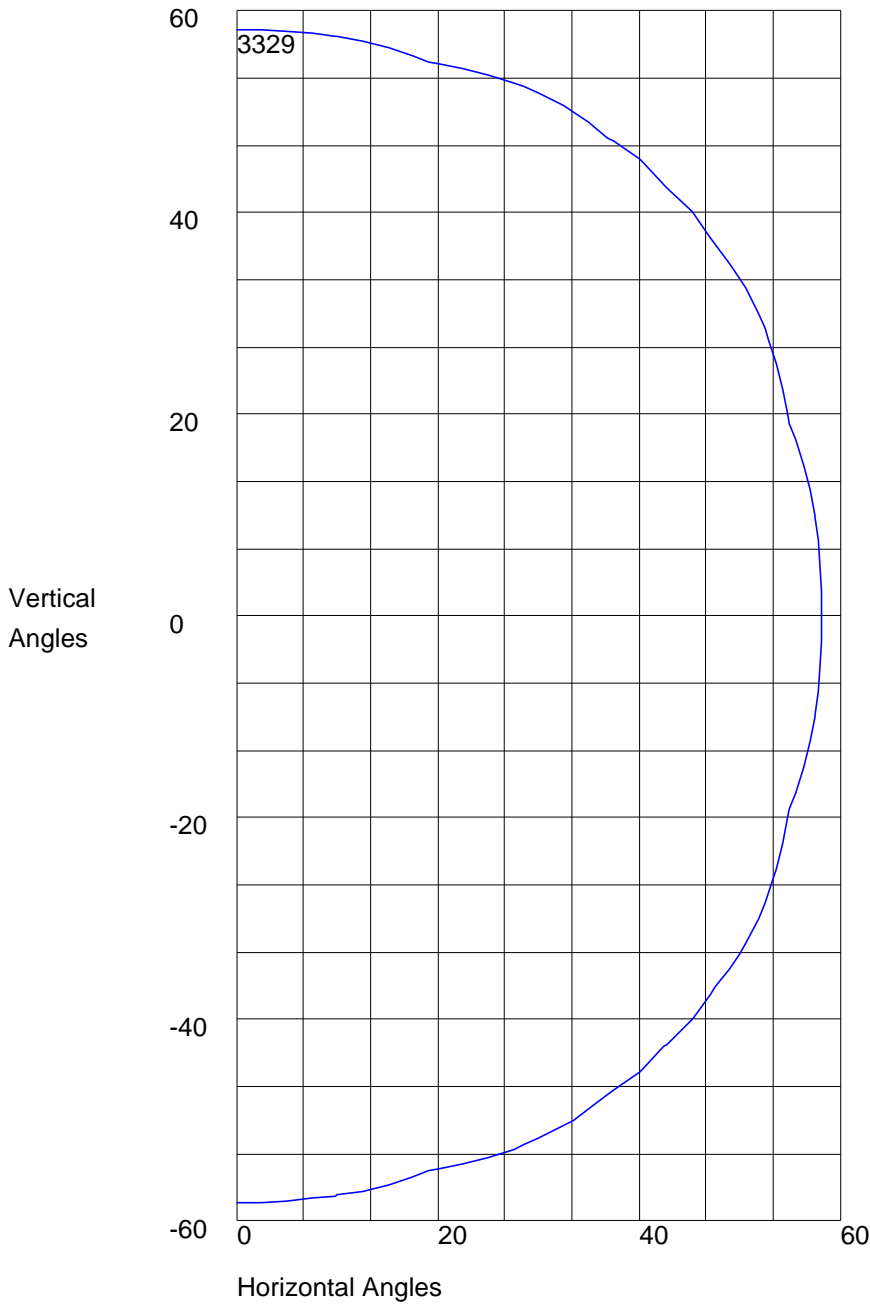
-85	3.61 *	0.45 *	118.96
-90			
Total	129.67	16.31	10820.05

AXIAL CANDELA DISPLAY



Maximum Candela = 6658 Located At Horizontal Angle =-29, Vertical Angle =-29
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 6658 Located At Horizontal Angle =-29, Vertical Angle =-29
50% Maximum Candela = 3329
10% Maximum Candela = 665.8