



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST]ITL68901  
[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.  
[ISSUE DATE]06/20/11  
[MANUFAC] LumenFocus, LLC.  
[LUMCAT]LED R1 8 LED  
[LUMINAIRE]MOLDED WHITE PLASTIC HOUSING, TWO MOLDED WHITE PLASTIC SWIVEL  
[MORE]HEAD ASSEMBLIES, EACH HEAD ASSEMBLY CONSISTS OF: MOLDED WHITE  
[MORE]PLASTIC HOUSING, ONE CIRCUIT BOARD WITH 8 LEDS, MOLDED  
[MORE]PLASTIC REFLECTOR WITH SPECULAR FINISH AND ONE APERTURE PER  
[MORE]LED, CLEAR PRISMATIC PLASTIC LENS. ONLY ONE HEAD ASSEMBLY  
[MORE]ENERGIZED FOR THIS TEST.  
[LAMP]EIGHT WHITE LIGHT EMITTING DIODES (LEDs) EACH WITH CLEAR  
[MORE]CYLINDRICAL INTEGRAL LENS WITH HEMISPHERICAL END, VERTICAL  
[MORE]BASE-UP POSITION.  
[OTHER]TOTAL INPUT WATTS = 0.549 AT 3.60 VOLTS DC  
[ MOUNTING]SURFACE  
[ NOTE]DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT CLIENT  
[MORE]REQUESTED INPUT VOLTAGE (3.6VDC) TO THE LAMP ASSEMBLY.  
[OTHER]TEST PROCEDURE: IESNA LM-79-08  
[OTHER]TEST DISTANCE = 25.25 FEET  
[ ABSOLUTE LUMENS]44.6

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

**CHARACTERISTICS**

NEMA Type	5 H x 5 V
Maximum Candela	75.7
Maximum Candela Angle	0H -3V
Horizontal Beam Angle (50%)	41.0
Vertical Beam Angle (50%)	39.9
Horizontal Field Angle (10%)	87.6
Vertical Field Angle (10%)	75.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	21
Beam Efficiency	N.A.
Field Lumens	40
Field Efficiency	N.A.
Spill Lumens	5
Luminaire Lumens	45
Total Efficiency	N.A.
Total Luminaire Watts	0.549
Ballast Factor	1.00

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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.1	90	0
85	.2	85	0
75	.3	75	.2
65	.8	65	.3
55	1.7	55	.6
47.5	4	47.5	1
42.5	8.7	42.5	2.1
37.5	13.5	37.5	8.1
33	16.4	33	11.1
29	22.8	29	13.4
25.5	25	25.5	20
22.5	29.4	22.5	28.7
19.5	41.2	19.5	39.5
17	52.3	17	43.8
15	57.2	15	46.9
13	60.6	13	49.8
11	66.5	11	57.8
9	68.5	9	64.8
7	65	7	69.1
5	62.9	5	69.9
3	63.5	3	75.7
1	68.2	1	70.9
0	68.9	0	68.9
-1	68.2	-1	70.9
-3	63.5	-3	75.7
-5	62.9	-5	69.9
-7	65	-7	69.1
-9	68.5	-9	64.8
-11	66.5	-11	57.8
-13	60.6	-13	49.8
-15	57.2	-15	46.9
-17	52.3	-17	43.8
-19.5	41.2	-19.5	39.5
-22.5	29.4	-22.5	28.7
-25.5	25	-25.5	20
-29	22.8	-29	13.4
-33	16.4	-33	11.1
-37.5	13.5	-37.5	8.1
-42.5	8.7	-42.5	2.1
-47.5	4	-47.5	1
-55	1.7	-55	.6
-65	.8	-65	.3
-75	.3	-75	.2
-85	.2	-85	0
-90	.1	-90	0

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**CANDELA TABULATION**

Maximum Candela = 75.7

Beam Edge = 37.85 Cd (50% of Max.)

Field Edge = 7.57 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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
65.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
55.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
47.5	0.1	0.1	0.2	0.3	0.5	0.6	0.6	0.6	0.7	0.8
42.5	0.1	0.1	0.2	0.4	0.6	0.7	0.7	0.9	1.0	1.2
37.5	0.1	0.2	0.2	0.5	0.7	0.8	1.1	1.4	1.8	2.0
33.0	0.1	0.2	0.3	0.5	0.8	1.1	1.7	2.6	3.2	3.4
29.0	0.1	0.2	0.3	0.6	0.8	1.5	2.4	4.2	5.3	5.7
25.5	0.1	0.2	0.3	0.6	0.9	2.0	3.6	6.1	7.1	7.8 *
22.5	0.1	0.2	0.3	0.7	1.0	2.3	4.9	7.9 *	8.5 *	10.3 *
19.5	0.1	0.2	0.3	0.7	1.1	2.7	5.8	9.2 *	10.0 *	13.1 *
17.0	0.1	0.2	0.3	0.7	1.2	3.1	6.4	9.7 *	11.8 *	15.4 *
15.0	0.1	0.2	0.3	0.7	1.3	3.4	6.9	9.9 *	13.2 *	17.2 *
13.0	0.1	0.2	0.3	0.7	1.3	3.6	7.3	10.4 *	14.1 *	18.4 *
11.0	0.1	0.2	0.3	0.8	1.4	3.8	7.7 *	11.0 *	14.8 *	19.2 *
9.0	0.1	0.2	0.3	0.8	1.5	3.9	8.0 *	11.5 *	15.4 *	20.1 *
7.0	0.1	0.2	0.3	0.8	1.5	4.0	8.3 *	12.0 *	15.9 *	20.8 *
5.0	0.1	0.2	0.3	0.8	1.6	4.0	8.5 *	12.5 *	16.2 *	21.4 *
3.0	0.1	0.2	0.3	0.8	1.7	4.1	8.8 *	13.0 *	16.3 *	22.0 *
1.0	0.1	0.2	0.3	0.8	1.7	4.0	8.7 *	13.4 *	16.4 *	22.6 *
0.0	0.1	0.2	0.3	0.8	1.7	4.0	8.7 *	13.5 *	16.4 *	22.8 *
-1.0	0.1	0.2	0.3	0.8	1.7	4.0	8.7 *	13.4 *	16.4 *	22.6 *
-3.0	0.1	0.2	0.3	0.8	1.7	4.1	8.8 *	13.0 *	16.3 *	22.0 *
-5.0	0.1	0.2	0.3	0.8	1.6	4.0	8.5 *	12.5 *	16.2 *	21.4 *
-7.0	0.1	0.2	0.3	0.8	1.5	4.0	8.3 *	12.0 *	15.9 *	20.8 *
-9.0	0.1	0.2	0.3	0.8	1.5	3.9	8.0 *	11.5 *	15.4 *	20.1 *
-11.0	0.1	0.2	0.3	0.8	1.4	3.8	7.7 *	11.0 *	14.8 *	19.2 *
-13.0	0.1	0.2	0.3	0.7	1.3	3.6	7.3	10.4 *	14.1 *	18.4 *
-15.0	0.1	0.2	0.3	0.7	1.3	3.4	6.9	9.9 *	13.2 *	17.2 *
-17.0	0.1	0.2	0.3	0.7	1.2	3.1	6.4	9.7 *	11.8 *	15.4 *
-19.5	0.1	0.2	0.3	0.7	1.1	2.7	5.8	9.2 *	10.0 *	13.1 *
-22.5	0.1	0.2	0.3	0.7	1.0	2.3	4.9	7.9 *	8.5 *	10.3 *
-25.5	0.1	0.2	0.3	0.6	0.9	2.0	3.6	6.1	7.1	7.8 *
-29.0	0.1	0.2	0.3	0.6	0.8	1.5	2.4	4.2	5.3	5.7
-33.0	0.1	0.2	0.3	0.5	0.8	1.1	1.7	2.6	3.2	3.4
-37.5	0.1	0.2	0.2	0.5	0.7	0.8	1.1	1.4	1.8	2.0
-42.5	0.1	0.1	0.2	0.4	0.6	0.7	0.7	0.9	1.0	1.2
-47.5	0.1	0.1	0.2	0.3	0.5	0.6	0.6	0.6	0.7	0.8
-55.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
-65.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
-75.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
-85.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-90.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
75.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
55.0	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
47.5	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.1
42.5	1.5	1.7	1.8	1.8	2.1	2.5	2.7	2.7	2.7	2.6
37.5	2.6	3.4	4.5	5.5	6.2	6.6	6.8	7.1	7.4	7.6 *
33.0	4.6	5.9	7.1	7.8 *	8.0 *	8.1 *	8.8 *	9.5 *	10.0 *	10.4 *
29.0	6.4	8.0 *	9.3 *	10.3 *	10.9 *	11.4 *	11.5 *	12.1 *	12.7 *	13.1 *
25.5	9.3 *	11.2 *	14.1 *	16.3 *	17.2 *	17.5 *	17.3 *	18.1 *	19.4 *	20.2 *
22.5	12.7 *	16.4 *	21.1 *	23.3 *	24.1 *	24.9 *	25.8 *	26.7 *	27.9 *	28.8 *
19.5	16.6 *	21.5 *	27.3 *	29.3 *	30.0 *	31.0 *	32.5 *	33.9 *	35.5 *	37.1 *
17.0	19.5 *	23.8 *	28.5 *	31.9 *	33.1 *	34.2 *	35.8 *	37.7 *	39.1 *	40.7 *
15.0	20.7 *	24.5 *	29.5 *	33.2 *	34.5 *	36.0 *	39.3 *	41.9 *	42.4 *	42.8 *
13.0	20.9 *	24.9 *	31.1 *	35.6 *	37.7 *	40.7 *	45.2 *	47.0 *	46.1 *	44.8 *
11.0	20.7 *	25.1 *	33.5 *	39.5 *	44.1 *	48.4 *	51.9 *	53.4 *	52.9 *	52.7 *
9.0	22.0 *	27.0 *	37.2 *	45.4 *	50.7 *	54.1 *	57.0 *	59.9 *	59.9 *	60.0 *
7.0	23.2 *	28.8 *	39.9 *	50.9 *	55.7 *	57.6 *	60.3 *	63.3 *	64.3 *	64.5 *
5.0	24.0 *	29.7 *	41.2 *	52.2 *	57.3 *	59.3 *	63.3 *	66.5 *	66.7 *	65.0 *
3.0	24.5 *	30.0 *	41.9 *	52.7 *	57.4 *	60.3 *	65.1 *	69.0 *	69.0 *	66.6 *
1.0	24.9 *	29.7 *	41.6 *	52.8 *	57.4 *	60.7 *	66.4 *	68.7 *	66.2 *	64.7 *
0.0	25.0 *	29.4 *	41.2 *	52.3 *	57.2 *	60.6 *	66.5 *	68.5 *	65.0 *	62.9 *
-1.0	24.9 *	29.7 *	41.6 *	52.8 *	57.4 *	60.7 *	66.4 *	68.7 *	66.2 *	64.7 *
-3.0	24.5 *	30.0 *	41.9 *	52.7 *	57.4 *	60.3 *	65.1 *	69.0 *	69.0 *	66.6 *
-5.0	24.0 *	29.7 *	41.2 *	52.2 *	57.3 *	59.3 *	63.3 *	66.5 *	66.7 *	65.0 *
-7.0	23.2 *	28.8 *	39.9 *	50.9 *	55.7 *	57.6 *	60.3 *	63.3 *	64.3 *	64.5 *
-9.0	22.0 *	27.0 *	37.2 *	45.4 *	50.7 *	54.1 *	57.0 *	59.9 *	59.9 *	60.0 *
-11.0	20.7 *	25.1 *	33.5 *	39.5 *	44.1 *	48.4 *	51.9 *	53.4 *	52.9 *	52.7 *
-13.0	20.9 *	24.9 *	31.1 *	35.6 *	37.7 *	40.7 *	45.2 *	47.0 *	46.1 *	44.8 *
-15.0	20.7 *	24.5 *	29.5 *	33.2 *	34.5 *	36.0 *	39.3 *	41.9 *	42.4 *	42.8 *
-17.0	19.5 *	23.8 *	28.5 *	31.9 *	33.1 *	34.2 *	35.8 *	37.7 *	39.1 *	40.7 *
-19.5	16.6 *	21.5 *	27.3 *	29.3 *	30.0 *	31.0 *	32.5 *	33.9 *	35.5 *	37.1 *
-22.5	12.7 *	16.4 *	21.1 *	23.3 *	24.1 *	24.9 *	25.8 *	26.7 *	27.9 *	28.8 *
-25.5	9.3 *	11.2 *	14.1 *	16.3 *	17.2 *	17.5 *	17.3 *	18.1 *	19.4 *	20.2 *
-29.0	6.4	8.0 *	9.3 *	10.3 *	10.9 *	11.4 *	11.5 *	12.1 *	12.7 *	13.1 *
-33.0	4.6	5.9	7.1	7.8 *	8.0 *	8.1 *	8.8 *	9.5 *	10.0 *	10.4 *
-37.5	2.6	3.4	4.5	5.5	6.2	6.6	6.8	7.1	7.4	7.6 *
-42.5	1.5	1.7	1.8	1.8	2.1	2.5	2.7	2.7	2.7	2.6
-47.5	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.1
-55.0	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-65.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-75.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-85.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
75.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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**CANDELA TABULATION - (Cont.)**

55.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
47.5	1.1	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2
42.5	2.5	2.2	2.1	2.2	2.5	2.6	2.7	2.7	2.7	2.5
37.5	7.9 *	8.1 *	8.1 *	8.1 *	7.9 *	7.6 *	7.4	7.1	6.8	6.6
33.0	10.7 *	11.0 *	11.1 *	11.0 *	10.7 *	10.4 *	10.0 *	9.5 *	8.8 *	8.1 *
29.0	13.4 *	13.4 *	13.4 *	13.4 *	13.4 *	13.1 *	12.7 *	12.1 *	11.5 *	11.4 *
25.5	20.4 *	20.3 *	20.0 *	20.3 *	20.4 *	20.2 *	19.4 *	18.1 *	17.3 *	17.5 *
22.5	29.1 *	29.0 *	28.7 *	29.0 *	29.1 *	28.8 *	27.9 *	26.7 *	25.8 *	24.9 *
19.5	38.3 *	39.2 *	39.5 *	39.2 *	38.3 *	37.1 *	35.5 *	33.9 *	32.5 *	31.0 *
17.0	42.2 *	43.4 *	43.8 *	43.4 *	42.2 *	40.7 *	39.1 *	37.7 *	35.8 *	34.2 *
15.0	44.5 *	46.1 *	46.9 *	46.1 *	44.5 *	42.8 *	42.4 *	41.9 *	39.3 *	36.0 *
13.0	47.6 *	49.4 *	49.8 *	49.4 *	47.6 *	44.8 *	46.1 *	47.0 *	45.2 *	40.7 *
11.0	54.9 *	57.4 *	57.8 *	57.4 *	54.9 *	52.7 *	52.9 *	53.4 *	51.9 *	48.4 *
9.0	61.5 *	64.2 *	64.8 *	64.2 *	61.5 *	60.0 *	59.9 *	59.9 *	57.0 *	54.1 *
7.0	66.3 *	68.3 *	69.1 *	68.3 *	66.3 *	64.5 *	64.3 *	63.3 *	60.3 *	57.6 *
5.0	66.8 *	68.9 *	69.9 *	68.9 *	66.8 *	65.0 *	66.7 *	66.5 *	63.3 *	59.3 *
3.0	67.8 *	73.6 *	75.7 *	73.6 *	67.8 *	66.6 *	69.0 *	69.0 *	65.1 *	60.3 *
1.0	65.8 *	70.3 *	70.9 *	70.3 *	65.8 *	64.7 *	66.2 *	68.7 *	66.4 *	60.7 *
0.0	63.5 *	68.2 *	68.9 *	68.2 *	63.5 *	62.9 *	65.0 *	68.5 *	66.5 *	60.6 *
-1.0	65.8 *	70.3 *	70.9 *	70.3 *	65.8 *	64.7 *	66.2 *	68.7 *	66.4 *	60.7 *
-3.0	67.8 *	73.6 *	75.7 *	73.6 *	67.8 *	66.6 *	69.0 *	69.0 *	65.1 *	60.3 *
-5.0	66.8 *	68.9 *	69.9 *	68.9 *	66.8 *	65.0 *	66.7 *	66.5 *	63.3 *	59.3 *
-7.0	66.3 *	68.3 *	69.1 *	68.3 *	66.3 *	64.5 *	64.3 *	63.3 *	60.3 *	57.6 *
-9.0	61.5 *	64.2 *	64.8 *	64.2 *	61.5 *	60.0 *	59.9 *	59.9 *	57.0 *	54.1 *
-11.0	54.9 *	57.4 *	57.8 *	57.4 *	54.9 *	52.7 *	52.9 *	53.4 *	51.9 *	48.4 *
-13.0	47.6 *	49.4 *	49.8 *	49.4 *	47.6 *	44.8 *	46.1 *	47.0 *	45.2 *	40.7 *
-15.0	44.5 *	46.1 *	46.9 *	46.1 *	44.5 *	42.8 *	42.4 *	41.9 *	39.3 *	36.0 *
-17.0	42.2 *	43.4 *	43.8 *	43.4 *	42.2 *	40.7 *	39.1 *	37.7 *	35.8 *	34.2 *
-19.5	38.3 *	39.2 *	39.5 *	39.2 *	38.3 *	37.1 *	35.5 *	33.9 *	32.5 *	31.0 *
-22.5	29.1 *	29.0 *	28.7 *	29.0 *	29.1 *	28.8 *	27.9 *	26.7 *	25.8 *	24.9 *
-25.5	20.4 *	20.3 *	20.0 *	20.3 *	20.4 *	20.2 *	19.4 *	18.1 *	17.3 *	17.5 *
-29.0	13.4 *	13.4 *	13.4 *	13.4 *	13.4 *	13.1 *	12.7 *	12.1 *	11.5 *	11.4 *
-33.0	10.7 *	11.0 *	11.1 *	11.0 *	10.7 *	10.4 *	10.0 *	9.5 *	8.8 *	8.1 *
-37.5	7.9 *	8.1 *	8.1 *	8.1 *	7.9 *	7.6 *	7.4	7.1	6.8	6.6
-42.5	2.5	2.2	2.1	2.2	2.5	2.6	2.7	2.7	2.7	2.5
-47.5	1.1	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2
-55.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-65.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-75.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
-90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Vert. Angles	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
55.0	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
47.5	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.6
42.5	2.1	1.8	1.8	1.7	1.5	1.2	1.0	0.9	0.7	0.7
37.5	6.2	5.5	4.5	3.4	2.6	2.0	1.8	1.4	1.1	0.8
33.0	8.0 *	7.8 *	7.1	5.9	4.6	3.4	3.2	2.6	1.7	1.1
29.0	10.9 *	10.3 *	9.3 *	8.0 *	6.4	5.7	5.3	4.2	2.4	1.5
25.5	17.2 *	16.3 *	14.1 *	11.2 *	9.3 *	7.8 *	7.1	6.1	3.6	2.0

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**CANDELA TABULATION - (Cont.)**

22.5	24.1 *	23.3 *	21.1 *	16.4 *	12.7 *	10.3 *	8.5 *	7.9 *	4.9	2.3
19.5	30.0 *	29.3 *	27.3 *	21.5 *	16.6 *	13.1 *	10.0 *	9.2 *	5.8	2.7
17.0	33.1 *	31.9 *	28.5 *	23.8 *	19.5 *	15.4 *	11.8 *	9.7 *	6.4	3.1
15.0	34.5 *	33.2 *	29.5 *	24.5 *	20.7 *	17.2 *	13.2 *	9.9 *	6.9	3.4
13.0	37.7 *	35.6 *	31.1 *	24.9 *	20.9 *	18.4 *	14.1 *	10.4 *	7.3	3.6
11.0	44.1 *	39.5 *	33.5 *	25.1 *	20.7 *	19.2 *	14.8 *	11.0 *	7.7 *	3.8
9.0	50.7 *	45.4 *	37.2 *	27.0 *	22.0 *	20.1 *	15.4 *	11.5 *	8.0 *	3.9
7.0	55.7 *	50.9 *	39.9 *	28.8 *	23.2 *	20.8 *	15.9 *	12.0 *	8.3 *	4.0
5.0	57.3 *	52.2 *	41.2 *	29.7 *	24.0 *	21.4 *	16.2 *	12.5 *	8.5 *	4.0
3.0	57.4 *	52.7 *	41.9 *	30.0 *	24.5 *	22.0 *	16.3 *	13.0 *	8.8 *	4.1
1.0	57.4 *	52.8 *	41.6 *	29.7 *	24.9 *	22.6 *	16.4 *	13.4 *	8.7 *	4.0
0.0	57.2 *	52.3 *	41.2 *	29.4 *	25.0 *	22.8 *	16.4 *	13.5 *	8.7 *	4.0
-1.0	57.4 *	52.8 *	41.6 *	29.7 *	24.9 *	22.6 *	16.4 *	13.4 *	8.7 *	4.0
-3.0	57.4 *	52.7 *	41.9 *	30.0 *	24.5 *	22.0 *	16.3 *	13.0 *	8.8 *	4.1
-5.0	57.3 *	52.2 *	41.2 *	29.7 *	24.0 *	21.4 *	16.2 *	12.5 *	8.5 *	4.0
-7.0	55.7 *	50.9 *	39.9 *	28.8 *	23.2 *	20.8 *	15.9 *	12.0 *	8.3 *	4.0
-9.0	50.7 *	45.4 *	37.2 *	27.0 *	22.0 *	20.1 *	15.4 *	11.5 *	8.0 *	3.9
-11.0	44.1 *	39.5 *	33.5 *	25.1 *	20.7 *	19.2 *	14.8 *	11.0 *	7.7 *	3.8
-13.0	37.7 *	35.6 *	31.1 *	24.9 *	20.9 *	18.4 *	14.1 *	10.4 *	7.3	3.6
-15.0	34.5 *	33.2 *	29.5 *	24.5 *	20.7 *	17.2 *	13.2 *	9.9 *	6.9	3.4
-17.0	33.1 *	31.9 *	28.5 *	23.8 *	19.5 *	15.4 *	11.8 *	9.7 *	6.4	3.1
-19.5	30.0 *	29.3 *	27.3 *	21.5 *	16.6 *	13.1 *	10.0 *	9.2 *	5.8	2.7
-22.5	24.1 *	23.3 *	21.1 *	16.4 *	12.7 *	10.3 *	8.5 *	7.9 *	4.9	2.3
-25.5	17.2 *	16.3 *	14.1 *	11.2 *	9.3 *	7.8 *	7.1	6.1	3.6	2.0
-29.0	10.9 *	10.3 *	9.3 *	8.0 *	6.4	5.7	5.3	4.2	2.4	1.5
-33.0	8.0 *	7.8 *	7.1	5.9	4.6	3.4	3.2	2.6	1.7	1.1
-37.5	6.2	5.5	4.5	3.4	2.6	2.0	1.8	1.4	1.1	0.8
-42.5	2.1	1.8	1.8	1.7	1.5	1.2	1.0	0.9	0.7	0.7
-47.5	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.6
-55.0	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
-65.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-75.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-85.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**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	0.0	0.1	0.1	0.1	0.1
85.0	0.1	0.1	0.1	0.1	0.1
75.0	0.2	0.1	0.1	0.1	0.1
65.0	0.2	0.2	0.2	0.1	0.1
55.0	0.3	0.3	0.2	0.1	0.1
47.5	0.5	0.3	0.2	0.1	0.1
42.5	0.6	0.4	0.2	0.1	0.1
37.5	0.7	0.5	0.2	0.2	0.1
33.0	0.8	0.5	0.3	0.2	0.1
29.0	0.8	0.6	0.3	0.2	0.1
25.5	0.9	0.6	0.3	0.2	0.1
22.5	1.0	0.7	0.3	0.2	0.1
19.5	1.1	0.7	0.3	0.2	0.1
17.0	1.2	0.7	0.3	0.2	0.1
15.0	1.3	0.7	0.3	0.2	0.1
13.0	1.3	0.7	0.3	0.2	0.1
11.0	1.4	0.8	0.3	0.2	0.1
9.0	1.5	0.8	0.3	0.2	0.1

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**CANDELA TABULATION - (Cont.)**

<b>7.0</b>	1.5	0.8	0.3	0.2	0.1
<b>5.0</b>	1.6	0.8	0.3	0.2	0.1
<b>3.0</b>	1.7	0.8	0.3	0.2	0.1
<b>1.0</b>	1.7	0.8	0.3	0.2	0.1
<b>0.0</b>	1.7	0.8	0.3	0.2	0.1
<b>-1.0</b>	1.7	0.8	0.3	0.2	0.1
<b>-3.0</b>	1.7	0.8	0.3	0.2	0.1
<b>-5.0</b>	1.6	0.8	0.3	0.2	0.1
<b>-7.0</b>	1.5	0.8	0.3	0.2	0.1
<b>-9.0</b>	1.5	0.8	0.3	0.2	0.1
<b>-11.0</b>	1.4	0.8	0.3	0.2	0.1
<b>-13.0</b>	1.3	0.7	0.3	0.2	0.1
<b>-15.0</b>	1.3	0.7	0.3	0.2	0.1
<b>-17.0</b>	1.2	0.7	0.3	0.2	0.1
<b>-19.5</b>	1.1	0.7	0.3	0.2	0.1
<b>-22.5</b>	1.0	0.7	0.3	0.2	0.1
<b>-25.5</b>	0.9	0.6	0.3	0.2	0.1
<b>-29.0</b>	0.8	0.6	0.3	0.2	0.1
<b>-33.0</b>	0.8	0.5	0.3	0.2	0.1
<b>-37.5</b>	0.7	0.5	0.2	0.2	0.1
<b>-42.5</b>	0.6	0.4	0.2	0.1	0.1
<b>-47.5</b>	0.5	0.3	0.2	0.1	0.1
<b>-55.0</b>	0.3	0.3	0.2	0.1	0.1
<b>-65.0</b>	0.2	0.2	0.2	0.1	0.1
<b>-75.0</b>	0.2	0.1	0.1	0.1	0.1
<b>-85.0</b>	0.1	0.1	0.1	0.1	0.1
<b>-90.0</b>	0.0	0.1	0.1	0.1	0.1

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 22.37

Total Field Lumens (one side of beam only) = 19.89

\* 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47.5	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01
42.5	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
37.5	0.01 *	0.03 *	0.03 *	0.02 *	0.02 *	0.02 *	0.02 *	0.02	0.02	0.02
33	0.01 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *	0.02 *	0.02 *	0.02 *
29	0.02 *	0.04 *	0.04 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *
25.5	0.02 *	0.05 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *
22.5	0.03 *	0.06 *	0.06 *	0.06 *	0.06 *	0.06 *	0.05 *	0.05 *	0.05 *	0.05 *
19.5	0.03 *	0.06 *	0.06 *	0.06 *	0.06 *	0.06 *	0.05 *	0.05 *	0.05 *	0.05 *
17	0.03 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *	0.04 *	0.04 *	0.04 *
15	0.03 *	0.06 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *	0.04 *	0.04 *
13	0.03 *	0.06 *	0.06 *	0.06 *	0.06 *	0.06 *	0.06 *	0.06 *	0.05 *	0.05 *
11	0.04 *	0.07 *	0.07 *	0.07 *	0.07 *	0.07 *	0.07 *	0.06 *	0.06 *	0.05 *
9	0.04 *	0.08 *	0.08 *	0.08 *	0.08 *	0.07 *	0.07 *	0.07 *	0.06 *	0.06 *
7	0.04 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.07 *	0.07 *	0.06 *
5	0.04 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.07 *	0.07 *	0.06 *
3	0.04 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.07 *	0.06 *
1	0.02 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.03 *	0.03 *
0	0.02 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.03 *	0.03 *
-1	0.04 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.07 *	0.06 *
-3	0.04 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.07 *	0.07 *	0.06 *



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**LUMENS TABULATION - (Cont.)**

<b>-5</b>	0.04 *	0.08 *	0.08 *	0.08 *	0.08 *	0.08 *	0.07 *	0.07 *	0.06 *	0.07 *
<b>-7</b>	0.04 *	0.08 *	0.08 *	0.08 *	0.07 *	0.07 *	0.07 *	0.06 *	0.06 *	0.06 *
<b>-9</b>	0.04 *	0.07 *	0.07 *	0.07 *	0.07 *	0.07 *	0.06 *	0.06 *	0.05 *	0.06 *
<b>-11</b>	0.03 *	0.06 *	0.06 *	0.06 *	0.06 *	0.06 *	0.06 *	0.05 *	0.05 *	0.05 *
<b>-13</b>	0.03 *	0.06 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *	0.04 *	0.04 *	0.05 *
<b>-15</b>	0.03 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *	0.04 *	0.04 *	0.04 *	0.04 *
<b>-17</b>	0.03 *	0.06 *	0.06 *	0.06 *	0.06 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *
<b>-19.5</b>	0.03 *	0.06 *	0.06 *	0.06 *	0.06 *	0.05 *	0.05 *	0.05 *	0.05 *	0.05 *
<b>-22.5</b>	0.02 *	0.05 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *	0.04 *
<b>-25.5</b>	0.02 *	0.04 *	0.04 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *
<b>-29</b>	0.01 *	0.03 *	0.03 *	0.03 *	0.03 *	0.03 *	0.02 *	0.02 *	0.02 *	0.02 *
<b>-33</b>	0.01 *	0.03 *	0.03 *	0.02 *	0.02 *	0.02 *	0.02 *	0.02	0.02	0.02
<b>-37.5</b>	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
<b>-42.5</b>	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01
<b>-47.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-55</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-65</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-75</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-85</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	0.93	1.82	1.76	1.73	1.71	1.65	1.56	1.46	1.37	1.50

**Vert. Horizontal 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>
<b>90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>85</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>75</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>65</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>55</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>47.5</b>	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**LUMENS TABULATION - (Cont.)**

<b>42.5</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00
<b>37.5</b>	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
<b>33</b>	0.03 *	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00
<b>29</b>	0.03 *	0.03 *	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.00
<b>25.5</b>	0.04 *	0.03 *	0.03 *	0.03 *	0.02	0.02	0.01	0.01	0.00	0.00
<b>22.5</b>	0.06 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02	0.01	0.01	0.00	0.00
<b>19.5</b>	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>17</b>	0.05 *	0.04 *	0.03 *	0.03 *	0.02 *	0.02 *	0.01	0.01	0.00	0.00
<b>15</b>	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>13</b>	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>11</b>	0.05 *	0.04 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>9</b>	0.06 *	0.04 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>7</b>	0.06 *	0.04 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>5</b>	0.06 *	0.05 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>3</b>	0.06 *	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.01	0.01	0.00	0.00
<b>1</b>	0.03 *	0.02 *	0.02 *	0.02 *	0.02 *	0.01 *	0.01	0.00	0.00	0.00
<b>0</b>	0.03 *	0.02 *	0.02 *	0.02 *	0.02 *	0.01 *	0.01	0.00	0.00	0.00
<b>-1</b>	0.06 *	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.01	0.01	0.00	0.00
<b>-3</b>	0.06 *	0.05 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>-5</b>	0.06 *	0.04 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>-7</b>	0.06 *	0.04 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>-9</b>	0.05 *	0.04 *	0.04 *	0.04 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>-11</b>	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>-13</b>	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>-15</b>	0.05 *	0.04 *	0.03 *	0.03 *	0.02 *	0.02 *	0.01	0.01	0.00	0.00
<b>-17</b>	0.05 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02 *	0.01	0.01	0.00	0.00
<b>-19.5</b>	0.06 *	0.04 *	0.04 *	0.03 *	0.03 *	0.02	0.01	0.01	0.00	0.00
<b>-22.5</b>	0.04 *	0.03 *	0.03 *	0.03 *	0.02	0.02	0.01	0.01	0.00	0.00

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**LUMENS TABULATION - (Cont.)**

<b>-25.5</b>	0.03 *	0.03 *	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.00
<b>-29</b>	0.03 *	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00
<b>-33</b>	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
<b>-37.5</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00
<b>-42.5</b>	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-47.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-55</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-65</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-75</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-85</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	1.44	1.11	1.06	0.97	0.83	0.65	0.37	0.26	0.15	0.06

<b>Vert. Angles</b>	<b>Horizontal Angles</b>			
	<b><u>75</u></b>	<b><u>85</u></b>	<b><u>90</u></b>	<b><u>Total</u></b>
<b>90</b>	0.00	0.00	0.00	
<b>85</b>	0.00	0.00	0.02	
<b>75</b>	0.00	0.00	0.04	
<b>65</b>	0.00	0.00	0.07	
<b>55</b>	0.00	0.00	0.08	
<b>47.5</b>	0.00	0.00	0.09	
<b>42.5</b>	0.00	0.00	0.20	
<b>37.5</b>	0.00	0.00	0.31	
<b>33</b>	0.00	0.00	0.38	
<b>29</b>	0.00	0.00	0.47	
<b>25.5</b>	0.00	0.00	0.58	
<b>22.5</b>	0.00	0.00	0.77	
<b>19.5</b>	0.00	0.00	0.76	
<b>17</b>	0.00	0.00	0.66	
<b>15</b>	0.00	0.00	0.70	

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**LUMENS TABULATION - (Cont.)**

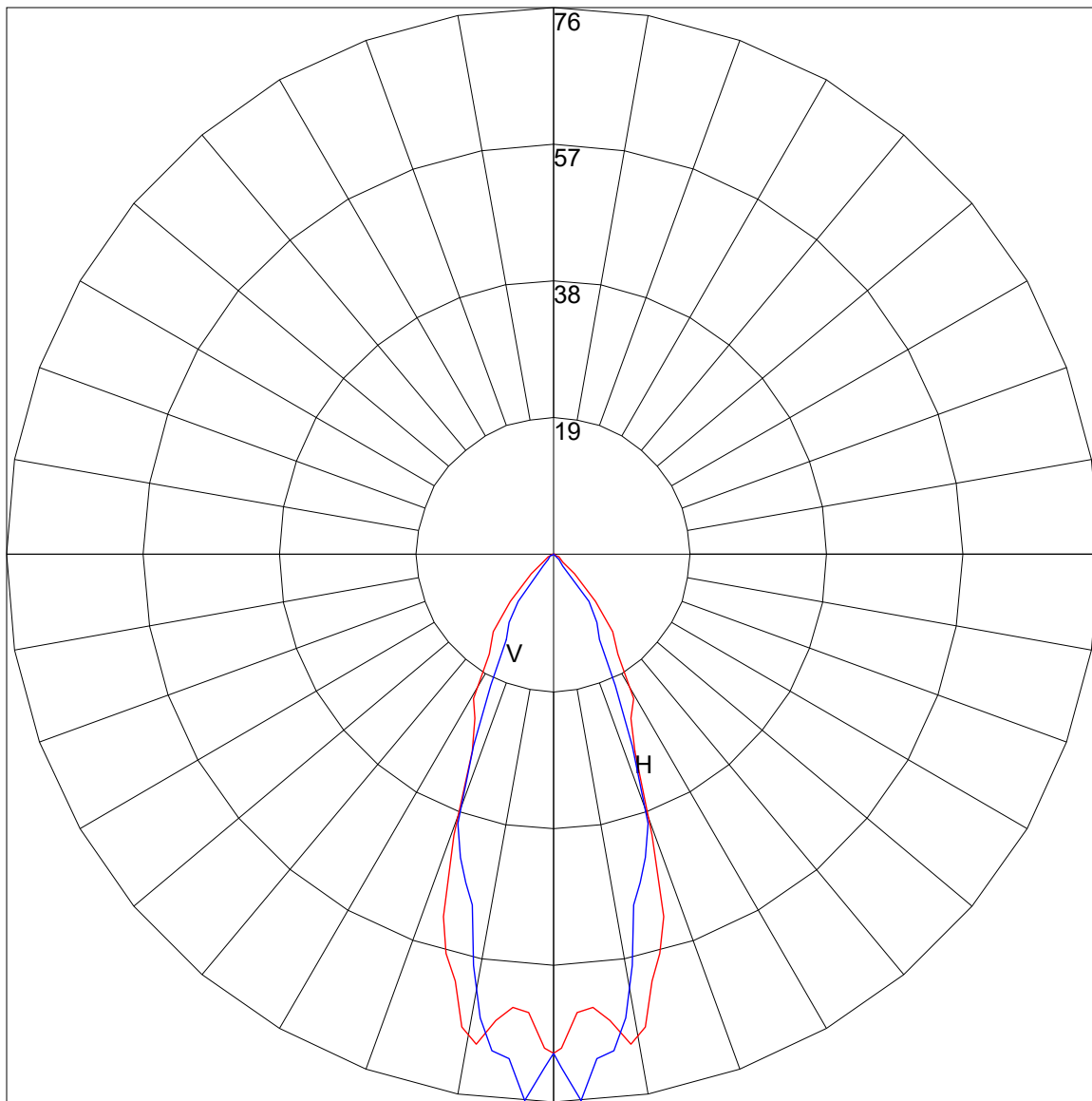
<b>13</b>	0.00	0.00	0.77
<b>11</b>	0.00	0.00	0.86
<b>9</b>	0.00	0.00	0.93
<b>7</b>	0.00	0.00	0.97
<b>5</b>	0.00	0.00	1.00
<b>3</b>	0.00	0.00	1.01
<b>1</b>	0.00	0.00	0.50
<b>0</b>	0.00	0.00	0.50
<b>-1</b>	0.00	0.00	1.01
<b>-3</b>	0.00	0.00	1.00
<b>-5</b>	0.00	0.00	0.97
<b>-7</b>	0.00	0.00	0.93
<b>-9</b>	0.00	0.00	0.86
<b>-11</b>	0.00	0.00	0.77
<b>-13</b>	0.00	0.00	0.70
<b>-15</b>	0.00	0.00	0.66
<b>-17</b>	0.00	0.00	0.76
<b>-19.5</b>	0.00	0.00	0.77
<b>-22.5</b>	0.00	0.00	0.58
<b>-25.5</b>	0.00	0.00	0.47
<b>-29</b>	0.00	0.00	0.38
<b>-33</b>	0.00	0.00	0.31
<b>-37.5</b>	0.00	0.00	0.20
<b>-42.5</b>	0.00	0.00	0.09
<b>-47.5</b>	0.00	0.00	0.08
<b>-55</b>	0.00	0.00	0.07
<b>-65</b>	0.00	0.00	0.04
<b>-75</b>	0.00	0.00	0.02

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : 8 LED SQ HEAD.IES**

**LUMENS TABULATION - (Cont.)**

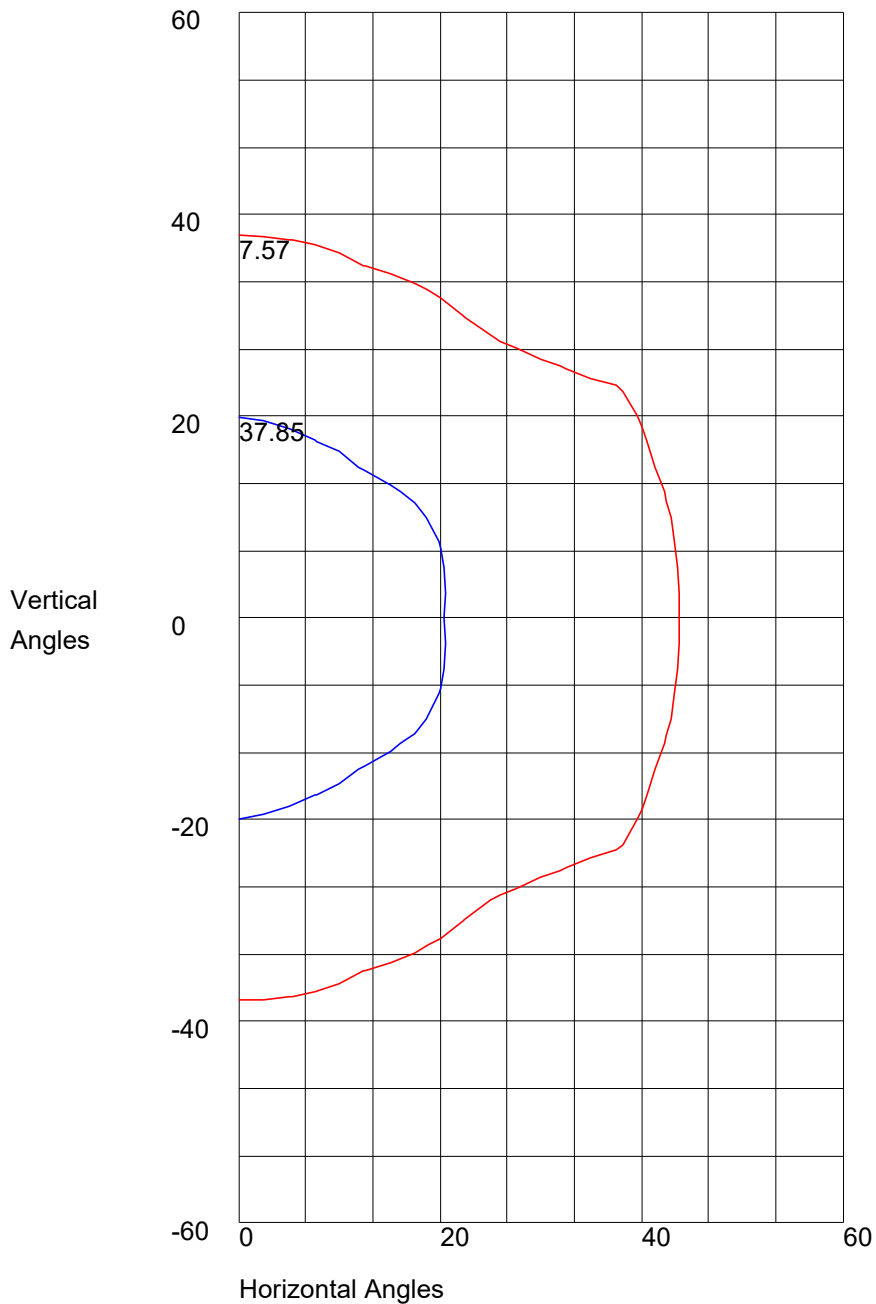
<b>-85</b>	0.00	0.00	0.00
<b>-90</b>			
<b>Total</b>	0.02	0.00	22.37

AXIAL CANDELA DISPLAY



Maximum Candela = 75.7 Located At Horizontal Angle = 0, Vertical Angle = -3  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 75.7 Located At Horizontal Angle = 0, Vertical Angle = -3  
50% Maximum Candela = 37.85  
10% Maximum Candela = 7.57