

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P181063

Luminaire Tested: **ICM-F01-LED-E1-SLR**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181063  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F01-LED-E1-SLR  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (7) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2136.7 lumens  
Efficiency: N/A  
Efficacy: 82.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

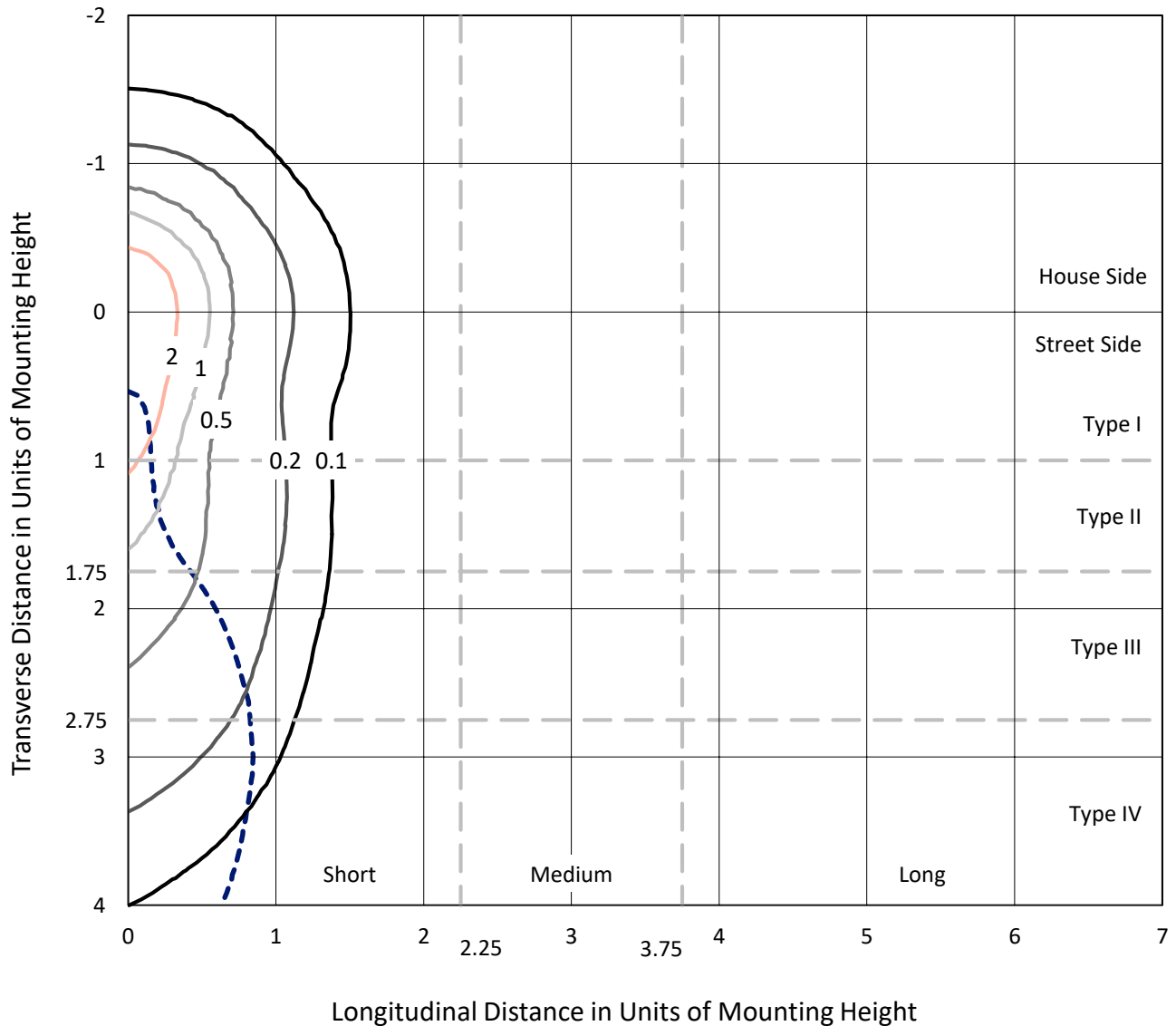
Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P181063  
 CATALOG NUMBER: ICM-F01-LED-E1-SLR

### Iso-Footcandle Lines of Horizontal Illumination

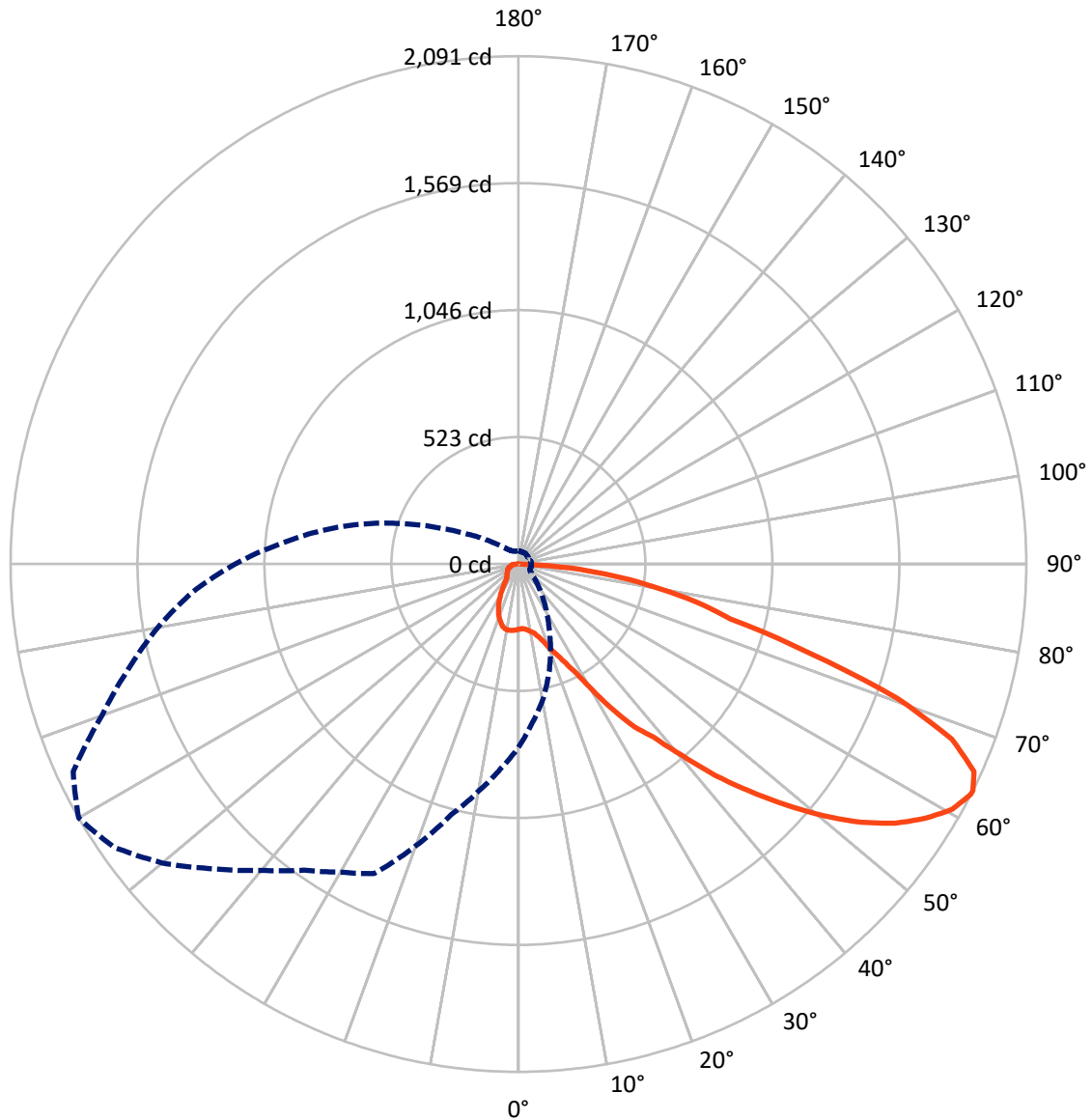
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.4 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181063  
CATALOG NUMBER: ICM-F01-LED-E1-SLR

### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P181063

CATALOG NUMBER: ICM-F01-LED-E1-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	463.4	0.0	463.4
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	1673.4	0.0	1673.4
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	2136.7	0.0	2136.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	26.1	1.2
10°-20°	81.4	3.8
20°-30°	144.6	6.8
30°-40°	227.7	10.7
40°-50°	335.2	15.7
50°-60°	445.2	20.8
60°-70°	490.4	23.0
70°-80°	307.7	14.4
80°-90°	78.4	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2136.7	100.0
0°-180°	2136.7	100.0

**Coefficient of Utilization**



REPORT NUMBER: P181063

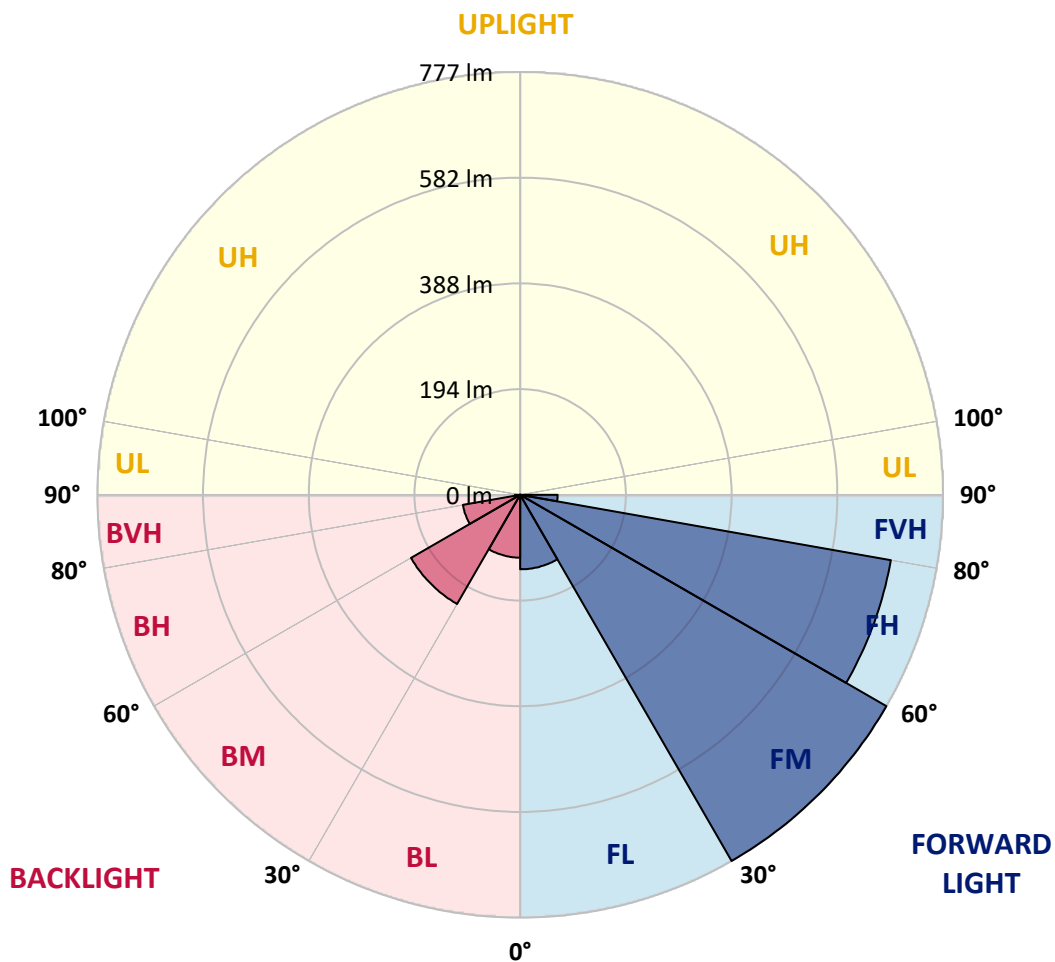
CATALOG NUMBER: ICM-F01-LED-E1-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	136.8	6.4			
FM	(30°-60°)	776.5	36.3			
FH	(60°-80°)	691.3	32.4			G1/1800
FVH	(80°-90°)	68.8	3.2			G1/100
BL	(0°-30°)	115.4	5.4	B1/500		
BM	(30°-60°)	231.6	10.8	B1/1000		
BH	(60°-80°)	106.8	5.0	B0/110		G0/110
BVH	(80°-90°)	9.6	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type IV Short





REPORT NUMBER: P181063

CATALOG NUMBER: ICM-F01-LED-E1-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6
2.5°	264.9	265.7	265.5	265.5	266.0	265.7	265.7	266.0	266.0	266.7	267.7
5°	262.9	262.6	262.1	262.6	262.6	262.6	261.6	262.4	262.6	263.2	263.2
7.5°	265.5	264.7	263.6	263.9	263.9	263.4	262.6	262.9	262.6	262.6	262.4
10°	268.7	267.0	265.7	265.7	265.7	265.2	263.9	264.7	264.7	264.5	264.7
12.5°	274.7	272.7	271.1	270.6	270.6	269.8	268.7	269.8	269.3	269.3	268.7
15°	284.4	282.0	280.3	278.8	279.0	279.0	277.8	276.9	275.9	274.7	272.1
17.5°	299.0	296.5	294.1	292.8	293.1	291.3	287.7	284.1	279.3	274.4	269.0
20°	319.7	319.0	315.9	314.6	311.5	307.2	297.2	288.7	279.3	270.0	260.8
22.5°	355.5	352.0	348.9	344.0	333.8	321.8	305.1	290.2	275.4	262.4	250.0
25°	403.7	397.3	382.1	367.4	346.3	324.8	302.3	283.1	264.7	247.5	232.5
27.5°	451.1	431.5	404.7	377.9	347.1	319.0	290.8	268.0	246.5	227.8	211.2
30°	508.4	475.6	434.4	391.9	348.4	310.5	276.7	250.0	225.3	205.6	188.2
32.5°	562.1	514.8	460.7	404.9	351.2	302.6	260.6	230.4	204.7	179.9	162.8
35°	599.0	537.6	472.0	406.2	344.3	287.4	240.4	204.7	179.2	156.2	135.9
37.5°	621.0	547.5	472.6	397.0	328.2	267.0	214.8	179.4	155.9	133.9	118.0
40°	634.8	549.9	465.9	383.7	307.7	241.1	189.2	157.4	135.9	118.2	106.0
42.5°	641.5	546.2	455.2	366.8	287.0	218.0	171.3	141.3	122.6	110.0	100.8
45°	642.5	539.8	443.6	351.4	268.6	201.5	159.0	134.6	119.3	108.7	99.5
47.5°	642.5	534.2	434.4	340.2	256.5	194.3	158.0	137.5	122.3	110.6	99.5
50°	643.0	532.5	430.5	334.6	252.4	198.1	166.6	146.1	129.0	113.7	99.3
52.5°	645.3	534.7	433.6	338.9	259.8	213.5	183.1	159.3	137.7	117.2	99.3
55°	650.4	542.4	446.7	354.0	279.8	236.7	202.7	173.3	144.7	118.8	97.8
57.5°	664.7	561.9	470.5	383.2	313.9	263.6	220.7	183.3	147.2	117.5	94.7
60°	693.4	600.6	511.2	424.2	350.0	286.7	231.2	184.8	144.8	113.4	89.9
62.5°	739.3	644.8	560.6	468.7	382.0	299.5	232.5	180.9	138.7	106.0	82.7
63°	755.2	655.8	571.1	477.1	386.0	300.6	231.4	179.4	137.2	103.9	81.7
65°	799.4	702.1	607.4	506.8	397.5	300.7	225.8	171.7	130.0	96.0	74.5
67.5°	882.1	763.1	653.2	530.1	401.6	292.6	211.4	157.4	115.0	83.7	65.5
70°	934.3	797.1	670.9	530.6	389.6	269.3	186.6	134.1	95.7	69.4	56.3
72.5°	920.7	763.5	624.4	482.8	337.7	225.0	150.0	105.5	74.8	55.5	46.9
75°	788.7	635.6	509.4	374.0	255.2	165.4	109.9	75.3	55.3	43.5	39.2
77.5°	567.7	457.4	365.3	266.5	172.0	107.0	72.9	53.8	42.0	35.8	32.3
80°	361.7	268.3	223.4	160.3	100.6	66.3	50.1	40.7	34.5	30.0	27.6
82.5°	188.9	132.4	107.5	82.0	55.8	43.8	36.8	33.3	28.4	24.8	23.5
85°	117.8	78.0	57.9	40.5	27.9	25.1	23.1	22.5	20.2	18.0	17.1
87.5°	13.3	12.0	12.6	7.9	5.9	6.4	6.1	8.2	7.9	5.9	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181063

CATALOG NUMBER: ICM-F01-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6
2.5°	266.7	267.3	267.3	268.0	268.0	268.6	269.0	269.0	269.6	269.8	270.3
5°	263.6	263.6	263.6	264.7	264.9	266.5	267.0	267.5	268.0	269.8	270.8
7.5°	262.9	261.9	262.4	262.4	263.2	264.5	265.7	266.5	267.3	269.6	271.1
10°	264.5	263.6	262.9	262.9	263.2	263.6	264.7	265.5	266.0	268.3	269.6
12.5°	268.6	266.7	265.2	263.9	262.9	262.6	262.1	262.4	262.9	264.2	266.0
15°	269.3	266.0	262.6	259.4	256.7	255.2	254.0	253.4	253.4	254.1	256.3
17.5°	264.2	258.5	253.7	249.3	246.5	243.7	242.4	241.4	240.8	241.9	242.1
20°	253.1	246.5	239.8	234.7	229.6	228.8	226.8	227.4	227.8	229.4	230.1
22.5°	238.0	230.1	222.0	216.6	212.5	208.8	206.6	207.6	208.4	209.9	210.7
25°	219.6	208.1	199.4	194.0	189.7	186.6	184.1	185.1	184.1	185.9	188.7
27.5°	197.9	184.3	175.1	168.9	165.9	163.3	160.7	160.7	163.3	163.3	165.6
30°	171.5	161.5	149.5	143.1	139.3	137.7	137.5	136.9	138.7	139.7	142.3
32.5°	146.7	134.4	122.9	116.7	113.4	111.6	111.9	112.1	112.9	114.4	118.5
35°	121.6	110.9	102.6	95.7	92.4	89.1	89.1	88.6	89.3	91.2	96.0
37.5°	105.5	96.0	89.6	84.2	80.9	78.9	77.0	76.3	76.3	77.0	78.9
40°	96.5	89.6	83.7	79.1	76.0	74.2	73.2	72.5	71.9	71.9	72.2
42.5°	92.4	85.2	79.3	75.3	72.9	71.9	71.6	71.4	70.6	70.4	70.1
45°	90.3	82.1	75.5	72.2	70.4	69.9	70.1	70.1	69.9	69.4	68.4
47.5°	88.8	79.3	72.7	69.6	68.8	68.8	68.8	68.8	68.6	68.4	67.5
50°	86.2	75.0	67.8	65.5	65.0	65.0	65.3	65.3	65.8	65.3	64.7
52.5°	83.4	70.9	63.7	61.7	61.4	61.2	61.2	61.2	61.4	61.4	61.2
55°	80.4	67.8	61.7	60.2	60.4	60.2	59.9	59.6	59.6	59.3	58.9
57.5°	77.3	65.3	60.2	59.2	59.3	59.3	58.9	58.3	58.1	57.3	56.8
60°	72.7	61.7	57.1	56.6	57.3	57.3	57.3	57.1	57.1	56.8	55.5
62.5°	66.5	56.6	53.0	53.2	53.5	54.0	54.0	54.0	54.0	53.5	52.2
63°	65.3	55.5	52.2	52.2	53.0	53.0	53.2	53.0	53.2	52.7	51.2
65°	60.2	52.2	49.7	50.0	50.4	50.4	50.4	50.1	50.1	49.4	48.7
67.5°	54.2	48.1	46.6	46.9	47.1	47.6	47.3	47.3	47.6	47.1	46.3
70°	47.6	43.8	42.8	43.0	43.3	43.3	43.0	43.0	43.3	42.8	42.0
72.5°	42.5	40.9	40.2	40.2	39.7	39.7	39.2	38.9	38.7	38.7	37.9
75°	35.8	35.5	35.8	36.4	35.8	35.3	35.1	34.3	33.8	33.8	33.5
77.5°	30.7	30.7	31.3	32.0	32.3	32.3	31.4	30.2	30.0	30.0	30.0
80°	26.6	26.1	26.1	26.9	27.6	27.3	26.1	24.8	24.8	26.1	26.3
82.5°	23.3	23.3	22.5	22.8	22.5	22.2	21.0	20.2	20.0	21.0	22.0
85°	18.4	18.7	18.4	18.1	18.0	17.1	16.1	15.3	15.1	16.1	17.7
87.5°	7.4	7.2	6.9	7.2	6.9	7.4	7.2	6.7	6.4	7.2	8.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P181063

CATALOG NUMBER: ICM-F01-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6
2.5°	270.6	271.1	271.6	271.6	272.1	271.8	272.1	272.4	272.4	272.7	272.7
5°	272.1	272.8	273.9	274.9	275.2	275.9	276.7	276.2	276.9	278.0	278.0
7.5°	272.7	274.4	275.2	276.7	276.9	278.0	279.8	278.5	280.0	280.8	281.0
10°	271.8	273.7	274.9	276.7	277.5	279.3	281.0	280.6	282.3	283.6	283.9
12.5°	267.3	269.0	271.8	274.4	276.5	279.3	282.6	281.6	284.1	285.7	286.4
15°	258.3	260.1	263.2	267.3	271.1	275.4	279.8	280.6	283.1	284.9	285.7
17.5°	244.2	246.5	249.9	254.1	259.1	266.5	272.1	274.9	278.5	279.5	280.8
20°	231.2	233.5	235.5	238.0	241.7	248.8	256.3	261.9	266.5	270.3	271.4
22.5°	213.8	215.8	218.3	220.4	223.0	228.1	234.2	240.7	247.8	250.0	252.7
25°	192.7	194.0	197.6	198.9	200.7	205.0	209.9	214.5	221.4	226.3	227.5
27.5°	170.2	171.5	174.8	175.6	177.9	182.0	185.6	187.3	193.8	198.9	203.0
30°	144.1	147.4	151.5	152.1	154.6	157.2	160.5	162.3	168.2	173.6	178.7
32.5°	121.6	124.9	128.3	130.3	131.5	133.6	136.9	138.7	144.4	149.2	154.3
35°	98.5	102.6	106.2	109.0	110.0	112.7	115.2	117.0	122.9	127.3	130.8
37.5°	81.1	84.2	88.1	90.9	93.7	95.4	98.5	101.1	104.7	107.0	110.9
40°	72.7	74.2	76.3	78.6	80.9	83.0	85.2	87.3	89.6	92.7	95.3
42.5°	69.9	70.1	70.1	70.9	72.2	73.2	75.3	76.8	78.3	80.7	82.0
45°	67.8	67.5	67.1	66.5	66.8	67.3	68.6	69.6	71.4	72.5	72.7
47.5°	66.8	65.8	64.7	64.0	63.7	64.0	65.0	66.0	67.1	67.8	68.1
50°	63.4	62.7	61.2	60.2	59.6	60.2	61.4	62.0	63.0	63.7	64.0
52.5°	60.2	59.2	58.1	57.1	57.1	57.3	58.3	59.3	60.4	60.7	61.2
55°	58.1	56.6	55.5	54.8	54.2	55.1	55.8	57.1	58.3	58.6	59.2
57.5°	56.1	54.5	53.5	52.7	52.2	53.0	53.8	55.5	57.1	57.1	57.1
60°	54.8	53.5	52.0	51.2	50.4	51.2	52.2	54.0	55.5	55.3	55.1
62.5°	51.2	50.0	49.1	49.1	48.4	49.7	50.7	52.7	53.0	52.5	52.0
63°	50.1	49.1	48.7	48.7	48.1	49.4	50.4	52.2	52.2	51.7	51.2
65°	47.6	46.9	46.3	46.9	46.9	48.1	48.4	49.7	49.4	48.7	48.4
67.5°	45.6	45.0	44.6	44.6	44.6	44.8	45.0	45.6	45.3	45.0	45.3
70°	42.2	42.0	41.5	41.5	41.2	41.2	41.2	41.5	41.5	41.8	42.0
72.5°	38.1	37.7	37.7	37.9	37.4	37.7	37.9	37.7	38.1	38.1	38.4
75°	33.5	33.3	33.8	34.3	34.0	34.0	34.3	34.3	34.5	34.5	34.8
77.5°	30.0	30.2	30.4	31.0	31.3	31.3	31.3	31.0	31.3	31.3	31.4
80°	26.6	27.2	27.6	28.2	28.4	28.4	28.4	28.2	28.2	28.2	28.2
82.5°	24.1	24.8	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.1	24.6
85°	20.2	21.8	21.8	22.0	21.2	20.7	20.2	20.5	20.7	19.7	19.4
87.5°	10.2	10.2	10.8	11.3	11.5	11.5	13.0	12.3	12.0	11.8	11.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181063

CATALOG NUMBER: ICM-F01-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6
2.5°	272.8	272.7	273.1	272.7	272.8	273.1	272.7	273.4	273.9	273.1	272.4
5°	278.5	278.5	279.8	280.3	280.6	282.0	281.3	281.9	282.3	282.0	282.3
7.5°	282.0	283.1	284.4	285.7	286.0	287.2	287.0	287.7	288.2	289.5	289.5
10°	285.1	286.4	288.2	289.5	290.8	291.8	292.3	293.9	294.1	295.2	295.2
12.5°	288.0	289.5	291.3	293.4	294.6	296.7	296.9	299.3	300.0	300.3	299.5
15°	287.4	289.2	291.3	293.6	295.9	298.5	300.0	302.3	303.6	304.1	302.8
17.5°	282.6	284.1	286.7	289.8	292.6	295.9	298.7	302.0	304.1	304.7	304.4
20°	273.1	274.1	277.5	281.6	284.9	290.0	294.1	299.3	302.6	305.1	305.9
22.5°	254.4	257.0	260.4	264.9	269.8	276.2	282.0	289.5	296.7	302.8	308.9
25°	231.9	236.6	241.7	247.8	253.7	260.4	267.0	275.4	286.0	298.7	313.3
27.5°	209.1	217.0	223.4	231.4	238.3	244.9	252.4	261.6	273.1	288.5	307.2
30°	186.1	195.1	202.0	211.2	220.4	229.4	236.7	246.5	257.8	273.4	293.9
32.5°	161.5	170.5	178.7	187.2	197.4	208.1	217.0	229.1	241.1	257.3	278.0
35°	136.2	144.1	151.1	160.0	171.3	182.8	194.5	208.4	221.4	238.3	260.4
37.5°	114.1	119.8	126.4	134.4	143.1	155.3	168.7	185.1	199.9	218.3	240.8
40°	96.0	99.1	102.9	109.6	117.5	129.5	142.6	160.0	177.9	198.1	219.9
42.5°	82.0	83.4	84.5	88.8	95.3	107.0	119.5	136.5	156.2	178.1	200.2
45°	72.7	73.5	73.8	76.0	80.7	90.9	103.9	118.2	137.2	158.7	181.8
47.5°	68.4	69.1	69.6	70.1	72.9	80.9	92.7	106.2	123.6	143.3	166.9
50°	64.7	65.5	66.3	66.0	67.3	72.5	82.4	95.0	111.3	129.5	152.8
52.5°	61.2	61.7	61.7	61.7	62.4	65.8	72.9	84.5	99.5	116.7	139.7
55°	59.2	59.6	59.9	60.2	60.4	62.2	67.5	76.8	89.9	105.7	126.4
57.5°	57.1	57.3	57.9	58.1	58.6	59.6	63.0	69.6	80.7	94.0	111.3
60°	55.3	55.8	56.8	57.1	57.6	57.9	59.3	63.4	70.6	80.9	95.0
62.5°	52.5	53.2	54.2	54.5	55.1	55.3	55.5	57.9	61.2	67.3	77.9
63°	51.7	52.5	53.8	54.0	54.2	54.2	54.5	56.1	59.2	64.5	72.2
65°	48.9	50.0	50.7	51.0	51.2	51.2	51.0	51.4	51.7	54.0	58.6
67.5°	45.9	46.6	47.1	47.3	47.1	47.3	47.1	46.6	46.0	46.6	48.7
70°	42.8	43.3	43.3	43.5	43.8	44.0	43.5	43.0	42.5	42.2	43.5
72.5°	39.2	39.7	39.7	39.9	39.9	40.5	40.5	40.2	40.2	40.5	40.7
75°	35.5	36.1	35.8	36.4	36.4	37.1	37.1	37.4	37.9	37.7	37.4
77.5°	32.3	32.5	32.5	32.7	33.0	34.3	35.1	35.3	35.3	34.8	34.3
80°	28.7	28.7	28.2	27.9	28.2	29.4	31.0	31.3	32.0	31.7	32.0
82.5°	24.1	23.1	22.2	22.2	22.8	23.5	24.1	24.6	25.1	25.1	25.6
85°	18.4	17.4	16.7	16.9	17.7	18.0	17.7	17.7	18.7	19.4	18.7
87.5°	11.0	10.0	9.5	8.7	8.9	9.8	9.5	8.7	8.9	7.2	6.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181063

CATALOG NUMBER: ICM-F01-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6
2.5°	272.8	272.7	272.1	271.4	271.1	270.6	270.8	270.0	269.6	269.0	268.3
5°	282.3	282.3	280.8	280.8	280.0	279.8	278.0	277.2	275.7	276.2	274.4
7.5°	289.0	289.8	288.0	287.7	286.7	286.4	284.1	283.4	282.0	281.6	280.0
10°	293.9	293.9	291.5	289.8	288.5	287.2	284.9	283.9	282.9	283.1	282.0
12.5°	297.7	295.9	292.6	290.0	288.2	287.0	285.1	284.4	284.1	286.0	286.1
15°	300.7	298.2	294.1	292.3	290.8	290.5	290.5	291.3	293.1	296.5	299.0
17.5°	302.6	301.0	299.0	298.5	301.0	302.6	304.7	306.9	309.5	314.0	316.9
20°	305.9	306.9	308.5	310.5	314.6	318.4	321.0	324.3	327.4	333.0	337.7
22.5°	314.6	320.5	325.3	329.5	335.6	340.9	344.3	348.9	351.2	355.1	362.2
25°	325.9	337.9	348.1	356.8	366.3	371.9	376.6	382.4	386.0	392.4	398.8
27.5°	322.5	339.7	355.1	371.2	384.2	398.8	409.0	418.8	424.9	434.4	442.9
30°	312.3	332.7	353.5	374.8	395.4	416.5	435.9	453.6	467.2	480.7	494.5
32.5°	298.5	322.0	347.4	373.5	400.6	429.8	456.7	483.3	505.8	525.5	544.7
35°	282.6	309.2	335.6	367.8	401.4	438.5	475.9	512.7	547.0	581.9	605.4
37.5°	263.6	290.8	320.2	357.3	396.7	442.6	490.2	538.3	587.0	633.8	674.5
40°	243.4	271.1	302.0	342.2	386.8	440.0	499.4	564.2	631.0	698.8	752.8
42.5°	225.5	254.0	287.7	328.4	376.8	436.7	506.8	586.4	668.1	752.1	831.4
45°	208.1	239.4	274.9	318.7	372.5	439.3	517.9	607.2	701.4	803.3	900.0
47.5°	192.5	224.3	258.8	306.7	366.0	440.6	528.6	627.9	732.8	843.2	958.1
50°	178.4	209.1	243.2	291.3	356.1	439.8	538.3	646.6	760.0	874.7	1002.9
52.5°	164.6	195.8	230.6	276.5	343.8	435.4	542.9	662.0	785.1	906.4	1039.0
55°	151.1	181.8	216.8	262.4	327.6	424.2	542.4	671.9	805.0	936.4	1073.9
57.5°	135.2	164.4	198.6	246.8	310.5	406.8	534.7	676.6	822.2	966.1	1115.5
60°	115.4	142.8	175.8	224.0	288.0	384.5	518.6	674.0	832.2	988.1	1151.2
62.5°	91.2	115.0	145.1	192.3	259.8	352.5	488.4	650.7	816.3	985.0	1167.7
63°	86.0	108.6	138.0	184.6	247.8	343.8	479.4	641.5	808.7	978.6	1165.5
65°	69.1	83.7	107.3	149.0	207.4	301.0	434.9	594.1	767.4	933.6	1132.2
67.5°	53.0	60.4	72.9	102.1	146.7	236.7	352.2	503.5	666.1	822.2	1024.9
70°	45.3	48.7	54.0	67.8	93.2	149.5	247.3	375.5	516.3	651.7	834.0
72.5°	41.2	42.8	45.6	51.4	64.0	89.6	157.7	244.5	351.2	464.6	605.4
75°	37.9	39.2	41.5	44.6	49.1	59.6	89.9	149.5	228.4	305.1	408.6
77.5°	34.5	35.3	37.9	40.7	43.8	49.1	59.3	86.0	131.3	179.9	246.2
80°	31.7	31.3	33.0	37.7	40.7	43.8	46.9	55.8	74.8	98.5	133.1
82.5°	25.3	25.9	27.3	32.0	33.3	32.5	33.0	34.5	41.8	45.6	68.1
85°	17.1	15.9	15.6	16.1	16.1	15.3	15.3	15.1	16.7	19.0	32.5
87.5°	4.7	2.3	0.0	0.0	0.0	0.0	0.0	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	0.0



REPORT NUMBER: P181063  
 CATALOG NUMBER: ICM-F01-LED-E1-SLR

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	268.6	0°
2.5°	267.7	267.5	267.7	266.5	266.5	266.2	266.0	265.5	265.5	264.5	265.2	2.5°
5°	272.8	272.4	271.4	269.8	269.0	268.0	268.0	267.0	266.2	265.2	265.5	5°
7.5°	278.8	279.0	277.2	275.9	275.4	274.4	274.7	273.1	273.4	272.7	272.1	7.5°
10°	282.0	282.0	282.6	282.3	282.9	282.9	283.6	282.6	282.0	281.3	281.3	10°
12.5°	287.4	288.5	290.5	290.5	292.1	292.6	292.8	293.4	292.3	291.8	290.0	12.5°
15°	300.7	303.4	305.1	307.7	310.8	311.8	311.8	310.8	310.2	309.5	306.1	15°
17.5°	322.8	328.4	330.0	334.0	334.6	335.8	339.4	337.4	336.1	330.7	329.7	17.5°
20°	345.3	352.5	359.6	364.7	367.4	372.5	373.2	372.2	367.1	362.0	359.6	20°
22.5°	372.5	383.2	391.4	399.4	403.2	405.8	411.4	410.0	406.0	398.3	395.3	22.5°
25°	410.9	424.2	432.8	442.6	447.7	450.2	455.9	455.9	451.5	449.2	449.0	25°
27.5°	459.3	475.6	490.0	493.3	506.6	509.7	515.1	515.1	510.9	508.1	521.7	27.5°
30°	513.0	530.1	555.0	571.6	587.7	603.6	603.4	604.4	609.2	611.8	617.7	30°
32.5°	566.7	588.0	614.3	650.4	685.0	714.4	752.6	776.9	769.5	748.7	740.6	32.5°
35°	632.0	655.5	687.5	723.9	787.2	825.3	843.7	856.7	858.3	861.1	867.0	35°
37.5°	704.7	744.1	781.2	822.4	857.5	903.8	946.6	980.9	988.8	1004.9	995.7	37.5°
40°	796.6	840.7	879.5	932.7	979.9	1035.7	1096.8	1144.0	1162.9	1156.8	1110.7	40°
42.5°	892.8	947.4	992.9	1055.6	1116.8	1190.5	1253.8	1319.5	1331.4	1284.0	1215.2	42.5°
45°	981.4	1049.0	1105.6	1170.9	1245.6	1333.9	1418.3	1486.0	1483.6	1402.5	1310.3	45°
47.5°	1061.0	1144.0	1213.1	1298.1	1378.4	1483.6	1580.7	1630.6	1601.1	1505.1	1392.3	47.5°
50°	1126.8	1230.2	1315.4	1401.5	1503.6	1630.3	1723.7	1751.9	1695.1	1590.6	1471.9	50°
52.5°	1179.8	1309.6	1405.3	1504.4	1633.4	1766.8	1847.2	1836.7	1763.2	1655.9	1537.7	52.5°
55°	1224.6	1370.2	1484.4	1601.4	1761.4	1884.3	1937.8	1909.6	1807.0	1698.1	1582.7	55°
57.5°	1270.9	1429.1	1557.1	1692.8	1871.0	1976.4	2006.1	1948.3	1827.6	1714.2	1602.1	57.5°
60°	1317.3	1478.2	1621.4	1772.7	1953.9	2051.6	2043.5	1956.9	1821.5	1702.5	1589.1	60°
62.5°	1348.5	1507.5	1658.7	1821.8	2016.1	2090.1	2039.9	1926.0	1786.0	1656.2	1550.2	62.5°
63°	1349.2	1508.5	1661.0	1825.1	2023.0	2091.4	2032.9	1915.0	1774.7	1646.7	1538.7	63°
65°	1333.1	1489.3	1640.6	1810.1	2017.1	2061.9	1973.3	1850.0	1710.4	1581.2	1478.8	65°
67.5°	1250.7	1410.0	1543.5	1703.3	1911.6	1924.5	1813.6	1714.1	1588.6	1454.7	1347.7	67.5°
70°	1084.6	1216.9	1348.0	1481.3	1656.2	1653.9	1549.7	1499.0	1389.2	1236.7	1150.9	70°
72.5°	862.6	981.4	1073.6	1162.9	1278.1	1254.8	1187.7	1201.8	1130.6	1016.8	965.8	72.5°
75°	640.5	771.0	816.1	852.4	901.0	901.3	919.7	959.6	958.6	895.4	831.2	75°
77.5°	420.1	562.9	578.0	607.2	665.6	744.9	826.8	914.9	936.8	887.0	792.0	77.5°
80°	234.2	382.7	365.3	390.3	453.3	561.1	682.0	779.2	836.6	808.7	708.0	80°
82.5°	119.8	220.7	210.9	245.8	296.7	390.3	470.2	544.9	612.6	608.7	570.6	82.5°
85°	62.2	120.8	137.5	155.6	181.2	214.8	244.9	266.7	294.9	344.6	361.4	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	18.4	13.3	36.7	52.2	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P181063

NUMBER: ICM-F01-LED-E1-SLR

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
268.6	268.6	268.6	268.6	268.6	268.6	268.6
265.5	265.7	265.2	265.2	265.5	265.5	264.9
264.9	264.9	264.5	263.9	263.4	263.4	262.9
270.8	270.8	269.0	268.3	267.0	266.0	265.5
279.5	278.0	275.9	274.4	272.4	270.0	268.7
288.2	286.0	283.4	281.0	278.5	275.9	274.7
302.6	299.5	296.2	293.4	289.8	286.0	284.4
324.6	319.7	315.4	311.3	304.8	302.0	299.0
353.8	346.6	340.9	334.0	326.1	323.5	319.7
389.1	383.0	371.7	366.6	358.6	354.8	355.5
442.9	434.9	421.9	417.0	416.2	407.8	403.7
513.0	513.5	501.5	488.4	481.2	467.9	451.1
612.8	605.9	591.8	578.5	561.6	536.6	508.4
733.7	718.2	695.0	670.1	640.2	601.6	562.1
851.6	824.7	787.6	746.1	702.9	654.8	599.0
955.4	913.6	858.1	810.4	749.2	689.1	621.0
1050.1	998.3	926.6	864.9	792.7	715.4	634.8
1141.7	1076.1	988.4	904.8	823.3	733.1	641.5
1228.9	1144.5	1040.3	940.9	845.5	744.7	642.5
1296.0	1203.8	1086.9	967.1	860.8	753.3	642.5
1358.2	1254.1	1122.4	987.5	875.2	759.3	643.0
1406.6	1289.4	1145.5	1002.1	886.4	763.5	645.3
1441.7	1312.4	1160.8	1011.1	894.6	769.8	650.4
1466.2	1327.5	1169.3	1019.1	904.7	780.5	664.7
1478.1	1355.5	1183.4	1034.9	921.8	803.3	693.4
1469.0	1398.7	1223.5	1061.8	945.6	838.8	739.3
1465.2	1406.6	1234.6	1067.7	951.0	846.5	755.2
1435.3	1414.5	1279.9	1097.4	976.6	880.6	799.4
1342.3	1383.3	1318.1	1147.5	1031.6	963.3	882.1
1222.1	1336.9	1311.1	1154.0	1066.7	1031.1	934.3
1078.0	1196.9	1172.9	1068.8	1028.0	1031.8	920.7
848.3	937.7	921.8	885.2	893.4	921.5	788.7
679.6	667.6	631.0	633.6	680.9	714.0	567.7
555.3	449.5	401.9	403.2	485.9	520.2	361.7
528.4	425.2	346.3	302.6	353.5	340.5	188.9
376.3	377.0	312.8	254.1	246.2	209.4	117.8
89.1	71.4	51.0	37.9	39.9	26.3	13.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)