

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: P181116

Luminaire Tested: **ICS-E01-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181116
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: ICS-E01-LED-E1-SLR-8030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2113.6 lumens
Efficiency: N/A
Efficacy: 85.6 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): 24.7
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

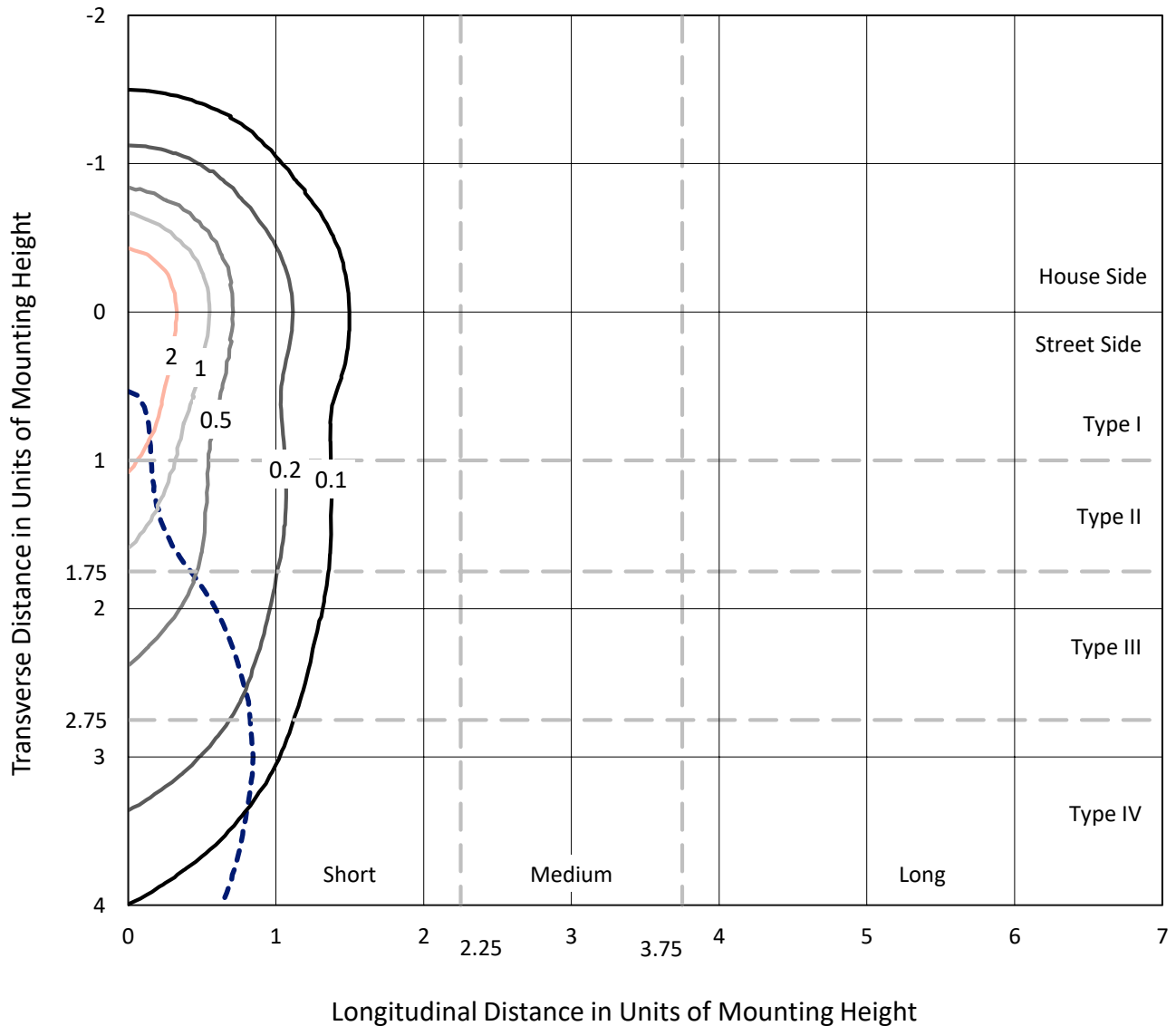


REPORT NUMBER: P181116

CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

Iso-Footcandle Lines of Horizontal Illumination

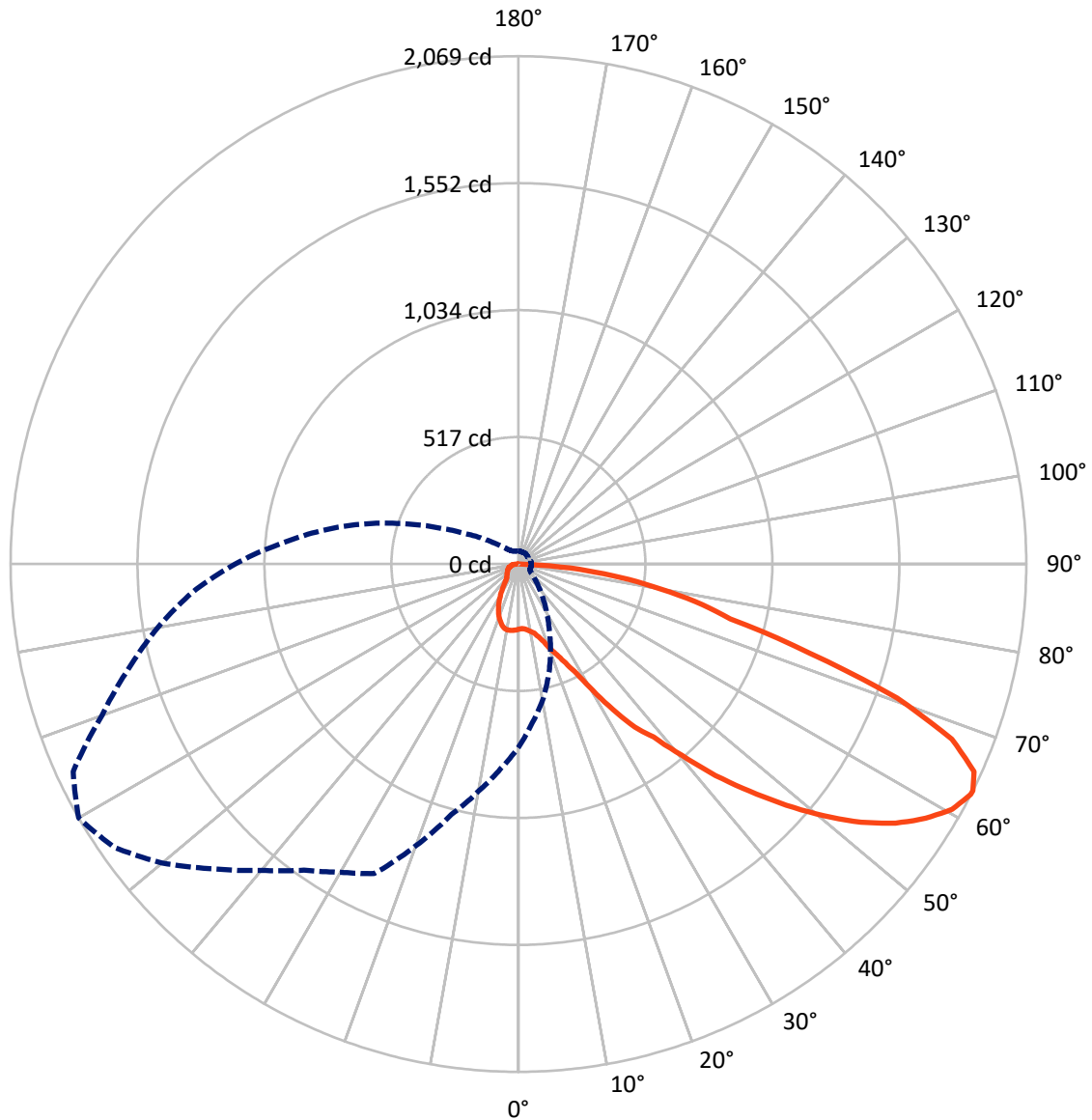
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.3 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181116
CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

Luminous Intensity Polar Plot



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

REPORT NUMBER: P181116

CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	458.3	0.0	458.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1655.3	0.0	1655.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	2113.6	0.0	2113.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	1.2
10°-20°	80.5	3.8
20°-30°	143.1	6.8
30°-40°	225.3	10.7
40°-50°	331.6	15.7
50°-60°	440.4	20.8
60°-70°	485.1	23.0
70°-80°	304.3	14.4
80°-90°	77.5	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°	2113.6	100.0
0°-180°	2113.6	100.0



REPORT NUMBER: P181116

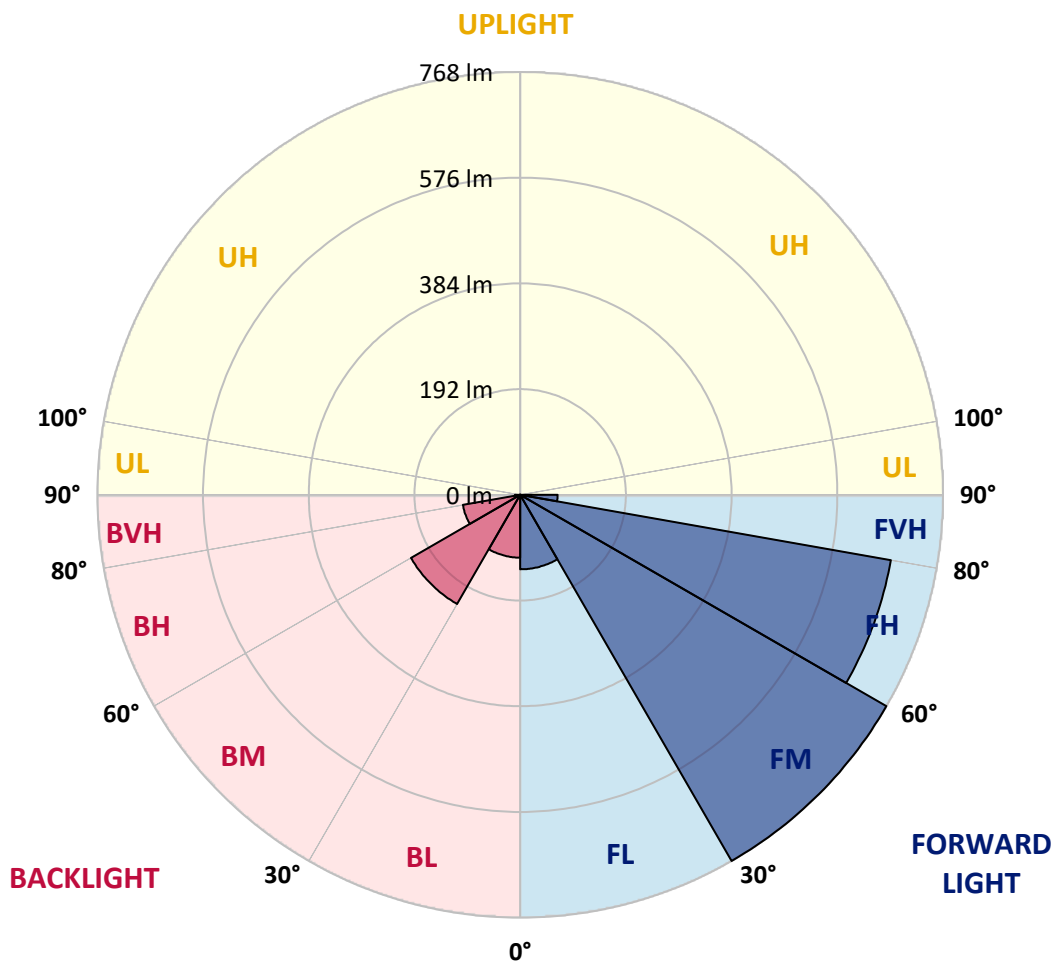
CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	135.3	6.4			
FM	(30°-60°)	768.1	36.3			
FH	(60°-80°)	683.8	32.4			G1/1800
FVH	(80°-90°)	68.0	3.2			G1/100
BL	(0°-30°)	114.1	5.4	B1/500		
BM	(30°-60°)	229.1	10.8	B1/1000		
BH	(60°-80°)	105.6	5.0	B0/110		G0/110
BVH	(80°-90°)	9.5	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: P181116

CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	262.1	262.8	262.6	262.6	263.1	262.8	262.8	263.1	263.1	263.8	264.9
5°	260.0	259.8	259.3	259.8	259.8	259.8	258.8	259.5	259.8	260.3	260.3
7.5°	262.6	261.8	260.8	261.1	261.1	260.6	259.8	260.0	259.8	259.8	259.5
10°	265.9	264.1	262.8	262.8	262.8	262.3	261.1	261.8	261.8	261.6	261.8
12.5°	271.7	269.7	268.2	267.6	267.6	266.9	265.9	266.9	266.4	266.4	265.9
15°	281.3	279.0	277.3	275.7	276.0	276.0	274.7	274.0	273.0	271.7	269.2
17.5°	295.8	293.2	290.9	289.7	289.9	288.2	284.6	281.1	276.3	271.4	266.1
20°	316.3	315.5	312.5	311.2	308.2	303.9	294.0	285.6	276.3	267.1	258.0
22.5°	351.7	348.2	345.1	340.3	330.2	318.3	301.8	287.1	272.5	259.5	247.4
25°	399.3	393.0	378.0	363.4	342.6	321.3	299.0	280.1	261.8	244.9	229.9
27.5°	446.2	426.9	400.3	373.7	343.4	315.5	287.6	265.1	243.8	225.4	208.9
30°	502.9	470.5	429.7	387.7	344.6	307.1	273.7	247.4	222.8	203.3	186.1
32.5°	556.1	509.2	455.8	400.6	347.4	299.3	257.8	227.9	202.6	178.0	161.0
35°	592.5	531.7	466.9	401.8	340.6	284.4	237.8	202.6	177.2	154.5	134.5
37.5°	614.3	541.6	467.4	392.7	324.6	264.1	212.4	177.5	154.2	132.4	116.7
40°	628.0	543.9	460.8	379.6	304.4	238.5	187.1	155.7	134.5	117.0	104.8
42.5°	634.5	540.4	450.2	362.9	283.8	215.7	169.4	139.8	121.3	108.9	99.8
45°	635.6	534.0	438.8	347.7	265.6	199.3	157.2	133.2	118.0	107.6	98.5
47.5°	635.6	528.5	429.7	336.5	253.7	192.2	156.2	136.0	121.0	109.4	98.5
50°	636.1	526.7	425.9	330.9	249.7	196.0	164.8	144.6	127.6	112.4	98.2
52.5°	638.3	529.0	428.9	335.3	257.0	211.2	181.0	157.5	136.2	116.0	98.2
55°	643.4	536.6	441.9	350.2	276.8	234.2	200.5	171.4	143.1	117.5	96.7
57.5°	657.6	555.8	465.4	379.1	310.4	260.8	218.3	181.3	145.6	116.2	93.7
60°	685.9	594.0	505.7	419.6	346.1	283.6	228.6	182.8	143.3	112.2	88.9
62.5°	731.3	637.8	554.5	463.6	377.8	296.3	229.9	179.0	137.2	104.8	81.8
63°	747.0	648.7	564.9	472.0	381.8	297.3	228.9	177.5	135.7	102.8	80.8
65°	790.8	694.6	600.9	501.4	393.2	297.5	223.3	169.9	128.6	95.0	73.7
67.5°	872.6	754.8	646.2	524.4	397.3	289.4	209.2	155.7	113.7	82.8	64.8
70°	924.2	788.5	663.7	524.9	385.4	266.4	184.6	132.7	94.7	68.6	55.7
72.5°	910.8	755.3	617.6	477.6	334.0	222.6	148.4	104.3	73.9	54.9	46.3
75°	780.1	628.7	503.9	369.9	252.5	163.6	108.6	74.4	54.7	43.0	38.7
77.5°	561.6	452.5	361.3	263.6	170.2	105.8	72.2	53.2	41.5	35.4	31.9
80°	357.8	265.4	221.1	158.5	99.5	65.6	49.6	40.3	34.2	29.6	27.3
82.5°	186.9	130.9	106.3	81.0	55.2	43.3	36.5	32.9	28.1	24.6	23.3
85°	116.5	77.2	57.2	40.0	27.6	24.8	22.8	22.3	20.0	17.7	17.0
87.5°	13.2	11.9	12.4	7.8	5.8	6.3	6.1	8.1	7.8	5.8	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: P181116

CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	263.8	264.4	264.4	265.1	265.1	265.6	266.1	266.1	266.6	266.9	267.4
5°	260.8	260.8	260.8	261.8	262.1	263.6	264.1	264.6	265.1	266.9	267.9
7.5°	260.0	259.0	259.5	259.5	260.3	261.6	262.8	263.6	264.4	266.6	268.2
10°	261.6	260.8	260.0	260.0	260.3	260.8	261.8	262.6	263.1	265.4	266.6
12.5°	265.6	263.8	262.3	261.1	260.0	259.8	259.3	259.5	260.0	261.3	263.1
15°	266.4	263.1	259.8	256.5	254.0	252.5	251.2	250.7	250.7	251.4	253.5
17.5°	261.3	255.7	250.9	246.6	243.8	241.1	239.8	238.8	238.3	239.3	239.5
20°	250.4	243.8	237.3	232.2	227.1	226.4	224.3	224.9	225.4	226.9	227.6
22.5°	235.5	227.6	219.5	214.2	210.2	206.6	204.3	205.4	206.1	207.6	208.4
25°	217.3	205.9	197.3	191.9	187.6	184.6	182.1	183.1	182.1	183.8	186.6
27.5°	195.7	182.3	173.2	167.1	164.1	161.5	159.0	159.0	161.5	161.5	163.8
30°	169.7	159.8	147.9	141.5	137.7	136.2	136.0	135.5	137.2	138.3	140.8
32.5°	145.1	132.9	121.5	115.5	112.2	110.4	110.7	110.9	111.7	113.2	117.2
35°	120.3	109.6	101.5	94.7	91.4	88.1	88.1	87.6	88.4	90.1	95.0
37.5°	104.3	95.0	88.6	83.3	80.0	78.0	76.2	75.5	75.5	76.2	78.0
40°	95.5	88.6	82.8	78.2	75.2	73.4	72.4	71.7	71.2	71.2	71.4
42.5°	91.4	84.3	78.5	74.4	72.2	71.2	70.9	70.6	69.9	69.6	69.4
45°	89.4	81.3	74.7	71.4	69.6	69.1	69.4	69.4	69.1	68.6	67.6
47.5°	87.9	78.5	71.9	68.9	68.1	68.1	68.1	68.1	67.9	67.6	66.8
50°	85.3	74.2	67.1	64.8	64.3	64.3	64.6	64.6	65.1	64.6	64.1
52.5°	82.5	70.1	63.0	61.0	60.8	60.5	60.5	60.5	60.8	60.8	60.5
55°	79.5	67.1	61.0	59.5	59.8	59.5	59.3	59.0	59.0	58.7	58.2
57.5°	76.5	64.6	59.5	58.5	58.7	58.7	58.2	57.7	57.5	56.7	56.2
60°	71.9	61.0	56.5	56.0	56.7	56.7	56.7	56.5	56.5	56.2	54.9
62.5°	65.8	56.0	52.4	52.7	52.9	53.4	53.4	53.4	53.4	52.9	51.7
63°	64.6	54.9	51.7	51.7	52.4	52.4	52.7	52.4	52.7	52.2	50.6
65°	59.5	51.7	49.1	49.4	49.9	49.9	49.9	49.6	49.6	48.9	48.1
67.5°	53.7	47.6	46.1	46.3	46.6	47.1	46.8	46.8	47.1	46.6	45.8
70°	47.1	43.3	42.3	42.5	42.8	42.8	42.5	42.5	42.8	42.3	41.5
72.5°	42.0	40.5	39.8	39.8	39.2	39.2	38.7	38.5	38.2	38.2	37.5
75°	35.4	35.2	35.4	36.0	35.4	34.9	34.7	33.9	33.4	33.4	33.2
77.5°	30.4	30.4	30.9	31.7	31.9	31.9	31.1	29.9	29.6	29.6	29.6
80°	26.3	25.8	25.8	26.6	27.3	27.1	25.8	24.6	24.6	25.8	26.1
82.5°	23.0	23.0	22.3	22.5	22.3	22.0	20.8	20.0	19.8	20.8	21.8
85°	18.2	18.5	18.2	18.0	17.7	17.0	16.0	15.2	14.9	16.0	17.5
87.5°	7.3	7.1	6.8	7.1	6.8	7.3	7.1	6.6	6.3	7.1	8.6
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: P181116

CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	267.6	268.2	268.7	268.7	269.2	268.9	269.2	269.4	269.4	269.7	269.7
5°	269.2	269.9	270.9	271.9	272.2	273.0	273.7	273.2	274.0	275.0	275.0
7.5°	269.7	271.4	272.2	273.7	274.0	275.0	276.8	275.5	277.0	277.8	278.0
10°	268.9	270.7	271.9	273.7	274.5	276.3	278.0	277.5	279.3	280.6	280.8
12.5°	264.4	266.1	268.9	271.4	273.5	276.3	279.5	278.5	281.1	282.6	283.3
15°	255.5	257.3	260.3	264.4	268.2	272.5	276.8	277.5	280.1	281.8	282.6
17.5°	241.6	243.8	247.1	251.4	256.2	263.6	269.2	271.9	275.5	276.5	277.8
20°	228.6	230.9	233.0	235.5	239.0	246.1	253.5	259.0	263.6	267.4	268.4
22.5°	211.4	213.5	216.0	218.0	220.5	225.6	231.7	238.0	245.1	247.4	249.9
25°	190.7	191.9	195.5	196.7	198.5	202.8	207.6	212.2	219.0	223.8	225.1
27.5°	168.4	169.7	172.9	173.7	176.0	180.0	183.6	185.4	191.7	196.7	200.8
30°	142.6	145.8	149.9	150.4	152.9	155.5	158.8	160.5	166.4	171.7	176.7
32.5°	120.3	123.6	126.9	128.9	130.2	132.2	135.5	137.2	142.8	147.6	152.7
35°	97.5	101.5	105.1	107.9	108.9	111.4	113.9	115.7	121.5	125.8	129.4
37.5°	80.3	83.3	87.1	89.9	92.7	94.4	97.5	100.0	103.6	105.8	109.6
40°	71.9	73.4	75.5	77.7	80.0	82.0	84.3	86.3	88.6	91.7	94.2
42.5°	69.1	69.4	69.4	70.1	71.4	72.4	74.4	76.0	77.5	79.8	81.0
45°	67.1	66.8	66.3	65.8	66.1	66.6	67.9	68.9	70.6	71.7	71.9
47.5°	66.1	65.1	64.1	63.3	63.0	63.3	64.3	65.3	66.3	67.1	67.4
50°	62.8	62.0	60.5	59.5	59.0	59.5	60.8	61.3	62.3	63.0	63.3
52.5°	59.5	58.5	57.5	56.5	56.5	56.7	57.7	58.7	59.8	60.0	60.5
55°	57.5	56.0	54.9	54.2	53.7	54.4	55.2	56.5	57.7	58.0	58.5
57.5°	55.5	53.9	52.9	52.2	51.7	52.4	53.2	54.9	56.5	56.5	56.5
60°	54.2	52.9	51.4	50.6	49.9	50.6	51.7	53.4	54.9	54.7	54.4
62.5°	50.6	49.4	48.6	48.6	47.9	49.1	50.1	52.2	52.4	51.9	51.4
63°	49.6	48.6	48.1	48.1	47.6	48.9	49.9	51.7	51.7	51.1	50.6
65°	47.1	46.3	45.8	46.3	46.3	47.6	47.9	49.1	48.9	48.1	47.9
67.5°	45.1	44.6	44.1	44.1	44.1	44.3	44.6	45.1	44.8	44.6	44.8
70°	41.8	41.5	41.0	41.0	40.8	40.8	40.8	41.0	41.0	41.3	41.5
72.5°	37.7	37.2	37.2	37.5	37.0	37.2	37.5	37.2	37.7	37.7	38.0
75°	33.2	32.9	33.4	33.9	33.7	33.7	33.9	33.9	34.2	34.2	34.4
77.5°	29.6	29.9	30.1	30.6	30.9	30.9	30.9	30.6	30.9	30.9	31.1
80°	26.3	26.8	27.3	27.9	28.1	28.1	28.1	27.9	27.9	27.9	27.9
82.5°	23.8	24.6	25.1	25.3	25.3	25.3	25.3	25.3	25.3	24.8	24.3
85°	20.0	21.5	21.5	21.8	21.0	20.5	20.0	20.3	20.5	19.5	19.2
87.5°	10.1	10.1	10.6	11.1	11.4	11.4	12.9	12.2	11.9	11.6	11.1
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: P181116

CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	269.9	269.7	270.2	269.7	269.9	270.2	269.7	270.4	270.9	270.2	269.4
5°	275.5	275.5	276.8	277.3	277.5	279.0	278.3	278.8	279.3	279.0	279.3
7.5°	279.0	280.1	281.3	282.6	282.8	284.1	283.8	284.6	285.1	286.4	286.4
10°	282.1	283.3	285.1	286.4	287.6	288.7	289.2	290.7	290.9	292.0	292.0
12.5°	284.9	286.4	288.2	290.2	291.4	293.5	293.7	296.0	296.8	297.0	296.3
15°	284.4	286.1	288.2	290.4	292.7	295.2	296.8	299.0	300.3	300.8	299.5
17.5°	279.5	281.1	283.6	286.6	289.4	292.7	295.5	298.8	300.8	301.3	301.1
20°	270.2	271.2	274.5	278.5	281.8	286.9	290.9	296.0	299.3	301.8	302.6
22.5°	251.7	254.2	257.5	262.1	266.9	273.2	279.0	286.4	293.5	299.5	305.6
25°	229.4	234.0	239.0	245.1	250.9	257.5	264.1	272.5	282.8	295.5	309.9
27.5°	206.9	214.7	221.1	228.9	235.7	242.3	249.7	258.8	270.2	285.4	303.9
30°	184.1	192.9	199.8	208.9	218.0	226.9	234.2	243.8	255.0	270.4	290.7
32.5°	159.8	168.6	176.7	185.1	195.2	205.9	214.7	226.6	238.5	254.5	275.0
35°	134.7	142.6	149.4	158.3	169.4	180.8	192.4	206.1	219.0	235.7	257.5
37.5°	112.9	118.5	125.1	132.9	141.5	153.7	166.9	183.1	197.8	216.0	238.3
40°	95.0	98.0	101.8	108.4	116.2	128.1	141.0	158.3	176.0	196.0	217.5
42.5°	81.0	82.5	83.6	87.9	94.2	105.8	118.2	135.0	154.5	176.2	198.0
45°	71.9	72.7	72.9	75.2	79.8	89.9	102.8	117.0	135.7	157.0	179.8
47.5°	67.6	68.4	68.9	69.4	72.2	80.0	91.7	105.1	122.3	141.8	165.1
50°	64.1	64.8	65.6	65.3	66.6	71.7	81.5	93.9	110.1	128.1	151.2
52.5°	60.5	61.0	61.0	61.0	61.8	65.1	72.2	83.6	98.5	115.5	138.3
55°	58.5	59.0	59.3	59.5	59.8	61.5	66.8	76.0	88.9	104.6	125.1
57.5°	56.5	56.7	57.2	57.5	58.0	59.0	62.3	68.9	79.8	92.9	110.1
60°	54.7	55.2	56.2	56.5	57.0	57.2	58.7	62.8	69.9	80.0	93.9
62.5°	51.9	52.7	53.7	53.9	54.4	54.7	54.9	57.2	60.5	66.6	77.0
63°	51.1	51.9	53.2	53.4	53.7	53.7	53.9	55.5	58.5	63.8	71.4
65°	48.4	49.4	50.1	50.4	50.6	50.6	50.4	50.9	51.1	53.4	58.0
67.5°	45.3	46.1	46.6	46.8	46.6	46.8	46.6	46.1	45.6	46.1	48.1
70°	42.3	42.8	42.8	43.0	43.3	43.6	43.0	42.5	42.0	41.8	43.0
72.5°	38.7	39.2	39.2	39.5	39.5	40.0	40.0	39.8	39.8	40.0	40.3
75°	35.2	35.7	35.4	36.0	36.0	36.7	36.7	37.0	37.5	37.2	37.0
77.5°	31.9	32.2	32.2	32.4	32.7	33.9	34.7	34.9	34.9	34.4	33.9
80°	28.4	28.4	27.9	27.6	27.9	29.1	30.6	30.9	31.7	31.4	31.7
82.5°	23.8	22.8	22.0	22.0	22.5	23.3	23.8	24.3	24.8	24.8	25.3
85°	18.2	17.2	16.5	16.7	17.5	17.7	17.5	17.5	18.5	19.2	18.5
87.5°	10.9	9.9	9.4	8.6	8.9	9.6	9.4	8.6	8.9	7.1	6.6
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: P181116

CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6
2.5°	269.9	269.7	269.2	268.4	268.2	267.6	267.9	267.1	266.6	266.1	265.4
5°	279.3	279.3	277.8	277.8	277.0	276.8	275.0	274.2	272.7	273.2	271.4
7.5°	285.9	286.6	284.9	284.6	283.6	283.3	281.1	280.3	279.0	278.5	277.0
10°	290.7	290.7	288.4	286.6	285.4	284.1	281.8	280.8	279.8	280.1	279.0
12.5°	294.5	292.7	289.4	286.9	285.1	283.8	282.1	281.3	281.1	282.8	283.1
15°	297.5	295.0	290.9	289.2	287.6	287.4	287.4	288.2	289.9	293.2	295.8
17.5°	299.3	297.8	295.8	295.2	297.8	299.3	301.3	303.6	306.1	310.7	313.5
20°	302.6	303.6	305.1	307.1	311.2	315.0	317.5	320.8	323.9	329.4	334.0
22.5°	311.2	317.0	321.8	325.9	332.0	337.3	340.6	345.1	347.4	351.2	358.3
25°	322.3	334.2	344.4	353.0	362.3	367.9	372.5	378.3	381.8	388.2	394.5
27.5°	319.0	336.0	351.2	367.2	380.1	394.5	404.6	414.3	420.3	429.7	438.1
30°	308.9	329.2	349.7	370.7	391.2	412.0	431.2	448.7	462.1	475.5	489.2
32.5°	295.2	318.5	343.6	369.4	396.3	425.1	451.7	478.1	500.3	519.8	538.8
35°	279.5	305.9	332.0	363.9	397.0	433.8	470.7	507.2	541.1	575.5	598.8
37.5°	260.8	287.6	316.8	353.5	392.5	437.8	484.9	532.5	580.6	627.0	667.2
40°	240.8	268.2	298.8	338.5	382.6	435.3	494.0	558.1	624.2	691.3	744.7
42.5°	223.1	251.2	284.6	324.9	372.7	432.0	501.4	580.1	660.9	743.9	822.4
45°	205.9	236.8	271.9	315.2	368.4	434.5	512.2	600.6	693.8	794.6	890.3
47.5°	190.4	221.8	256.0	303.3	362.1	435.8	522.9	621.1	724.9	834.1	947.8
50°	176.5	206.9	240.6	288.2	352.2	435.0	532.5	639.6	751.8	865.2	992.1
52.5°	162.8	193.7	228.1	273.5	340.1	430.7	537.1	654.8	776.6	896.6	1027.8
55°	149.4	179.8	214.5	259.5	324.1	419.6	536.6	664.7	796.3	926.2	1062.2
57.5°	133.7	162.6	196.5	244.1	307.1	402.4	529.0	669.2	813.3	955.6	1103.5
60°	114.2	141.3	174.0	221.6	284.9	380.3	513.0	666.7	823.2	977.4	1138.7
62.5°	90.1	113.7	143.6	190.2	257.0	348.7	483.1	643.7	807.5	974.4	1155.1
63°	85.1	107.4	136.5	182.6	245.1	340.1	474.3	634.5	799.9	968.0	1152.9
65°	68.4	82.8	106.1	147.4	205.1	297.8	430.2	587.7	759.1	923.5	1120.0
67.5°	52.4	59.8	72.2	101.0	145.1	234.2	348.4	498.1	658.9	813.3	1013.9
70°	44.8	48.1	53.4	67.1	92.2	147.9	244.6	371.5	510.7	644.7	825.0
72.5°	40.8	42.3	45.1	50.9	63.3	88.6	156.0	241.8	347.4	459.6	598.8
75°	37.5	38.7	41.0	44.1	48.6	59.0	88.9	147.9	225.9	301.8	404.1
77.5°	34.2	34.9	37.5	40.3	43.3	48.6	58.7	85.1	129.9	178.0	243.6
80°	31.4	30.9	32.7	37.2	40.3	43.3	46.3	55.2	73.9	97.5	131.7
82.5°	25.1	25.6	27.1	31.7	32.9	32.2	32.7	34.2	41.3	45.1	67.4
85°	17.0	15.7	15.4	16.0	16.0	15.2	15.2	14.9	16.5	18.7	32.2
87.5°	4.6	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: P181116
 CATALOG NUMBER: ICS-E01-LED-E1-SLR-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	265.6	0°
2.5°	264.9	264.6	264.9	263.6	263.6	263.3	263.1	262.6	262.6	261.6	262.3	2.5°
5°	269.9	269.4	268.4	266.9	266.1	265.1	265.1	264.1	263.3	262.3	262.6	5°
7.5°	275.7	276.0	274.2	273.0	272.5	271.4	271.7	270.2	270.4	269.7	269.2	7.5°
10°	279.0	279.0	279.5	279.3	279.8	279.8	280.6	279.5	279.0	278.3	278.3	10°
12.5°	284.4	285.4	287.4	287.4	288.9	289.4	289.7	290.2	289.2	288.7	286.9	12.5°
15°	297.5	300.1	301.8	304.4	307.4	308.4	308.4	307.4	306.9	306.1	302.8	15°
17.5°	319.3	324.9	326.4	330.4	330.9	332.2	335.8	333.7	332.5	327.1	326.1	17.5°
20°	341.6	348.7	355.8	360.8	363.4	368.4	369.2	368.2	363.1	358.0	355.8	20°
22.5°	368.4	379.1	387.2	395.0	398.8	401.3	406.9	405.6	401.6	394.0	391.0	22.5°
25°	406.4	419.6	428.2	437.8	442.9	445.4	451.0	451.0	446.7	444.4	444.1	25°
27.5°	454.3	470.5	484.6	487.9	501.1	504.1	509.5	509.5	505.4	502.6	516.0	27.5°
30°	507.4	524.4	549.0	565.4	581.4	597.1	596.8	597.8	602.6	605.2	611.0	30°
32.5°	560.6	581.6	607.7	643.4	677.6	706.7	744.4	768.5	761.2	740.6	732.5	32.5°
35°	625.2	648.5	680.1	716.1	778.6	816.4	834.6	847.5	849.0	851.8	857.6	35°
37.5°	697.1	736.1	772.8	813.6	848.3	894.1	936.4	970.3	978.2	994.1	985.0	37.5°
40°	788.0	831.5	870.0	922.7	969.3	1024.5	1085.0	1131.6	1150.3	1144.3	1098.7	40°
42.5°	883.2	937.1	982.2	1044.2	1104.8	1177.7	1240.2	1305.3	1317.0	1270.1	1202.0	42.5°
45°	970.8	1037.7	1093.6	1158.2	1232.1	1319.5	1403.0	1469.9	1467.6	1387.3	1296.2	45°
47.5°	1049.6	1131.6	1200.0	1284.0	1363.5	1467.6	1563.6	1613.0	1583.8	1488.9	1377.2	47.5°
50°	1114.6	1216.9	1301.3	1386.3	1487.4	1612.7	1705.1	1733.0	1676.8	1573.5	1456.0	50°
52.5°	1167.0	1295.4	1390.1	1488.1	1615.7	1747.7	1827.2	1816.8	1744.1	1638.0	1521.0	52.5°
55°	1211.4	1355.4	1468.4	1584.1	1742.3	1863.9	1916.8	1889.0	1787.4	1679.8	1565.6	55°
57.5°	1257.2	1413.7	1540.3	1674.5	1850.7	1955.0	1984.4	1927.2	1807.9	1695.8	1584.8	57.5°
60°	1303.0	1462.3	1603.8	1753.5	1932.8	2029.5	2021.4	1935.8	1801.8	1684.1	1571.9	60°
62.5°	1333.9	1491.2	1640.8	1802.1	1994.3	2067.5	2017.8	1905.2	1766.7	1638.3	1533.4	62.5°
63°	1334.7	1492.2	1643.1	1805.4	2001.1	2068.7	2011.0	1894.3	1755.5	1628.9	1522.1	63°
65°	1318.7	1473.2	1622.8	1790.5	1995.3	2039.6	1952.0	1830.0	1692.0	1564.1	1462.8	65°
67.5°	1237.2	1394.7	1526.9	1684.9	1891.0	1903.6	1794.0	1695.5	1571.4	1439.0	1333.2	67.5°
70°	1072.9	1203.8	1333.4	1465.3	1638.3	1636.0	1532.9	1482.8	1374.2	1223.3	1138.4	70°
72.5°	853.3	970.8	1062.0	1150.3	1264.3	1241.2	1174.9	1188.8	1118.4	1005.8	955.4	72.5°
75°	633.5	762.7	807.2	843.2	891.3	891.6	909.8	949.3	948.3	885.7	822.2	75°
77.5°	415.5	556.8	571.8	600.6	658.3	736.8	817.9	905.0	926.8	877.4	783.4	77.5°
80°	231.7	378.6	361.3	386.1	448.4	555.0	674.6	770.8	827.5	799.9	700.4	80°
82.5°	118.5	218.3	208.6	243.1	293.5	386.1	465.1	539.1	605.9	602.1	564.4	82.5°
85°	61.5	119.5	136.0	154.0	179.3	212.4	242.3	263.8	291.7	340.8	357.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	18.2	13.2	36.2	51.7	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: P181116

NUMBER: ICS-E01-LED-E1-SLR-8030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
265.6	265.6	265.6	265.6	265.6	265.6	265.6
262.6	262.8	262.3	262.3	262.6	262.6	262.1
262.1	262.1	261.6	261.1	260.6	260.6	260.0
267.9	267.9	266.1	265.4	264.1	263.1	262.6
276.5	275.0	273.0	271.4	269.4	267.1	265.9
285.1	282.8	280.3	278.0	275.5	273.0	271.7
299.3	296.3	293.0	290.2	286.6	282.8	281.3
321.1	316.3	312.0	307.9	301.6	298.8	295.8
349.9	342.8	337.3	330.4	322.6	320.1	316.3
384.9	378.8	367.7	362.6	354.7	351.0	351.7
438.1	430.2	417.3	412.5	411.7	403.4	399.3
507.4	507.9	496.0	483.1	476.0	462.9	446.2
606.2	599.4	585.4	572.3	555.5	530.7	502.9
725.7	710.5	687.5	662.9	633.3	595.0	556.1
842.4	815.8	779.1	738.1	695.3	647.7	592.5
945.0	903.7	848.8	801.7	741.1	681.6	614.3
1038.7	987.5	916.6	855.6	784.2	707.7	628.0
1129.3	1064.5	977.6	895.1	814.3	725.2	634.5
1215.7	1132.1	1029.0	930.8	836.4	736.6	635.6
1282.0	1190.9	1075.1	956.6	851.5	745.2	635.6
1343.5	1240.5	1110.3	976.9	865.7	751.0	636.1
1391.4	1275.4	1133.1	991.3	876.9	755.3	638.3
1426.1	1298.2	1148.3	1000.2	885.0	761.4	643.4
1450.4	1313.2	1156.7	1008.0	894.8	772.0	657.6
1462.0	1340.8	1170.6	1023.7	911.8	794.6	685.9
1453.2	1383.5	1210.3	1050.3	935.4	829.8	731.3
1449.4	1391.4	1221.2	1056.1	940.7	837.4	747.0
1419.8	1399.2	1266.1	1085.5	966.0	871.0	790.8
1327.8	1368.4	1303.8	1135.1	1020.4	952.8	872.6
1208.8	1322.5	1296.9	1141.5	1055.1	1019.9	924.2
1066.3	1184.0	1160.2	1057.2	1016.9	1020.7	910.8
839.1	927.5	911.8	875.6	883.7	911.6	780.1
672.3	660.4	624.2	626.7	673.5	706.2	561.6
549.2	444.6	397.5	398.8	480.6	514.5	357.8
522.6	420.6	342.6	299.3	349.7	336.8	186.9
372.2	373.0	309.4	251.4	243.6	207.1	116.5
88.1	70.6	50.4	37.5	39.5	26.1	13.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)