

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: P181121

Luminaire Tested: **ICS-F01-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181121
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-F01-LED-E1-SLR-8030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (7) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1744.9 lumens
Efficiency: N/A
Efficacy: 67.4 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: B0 - 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

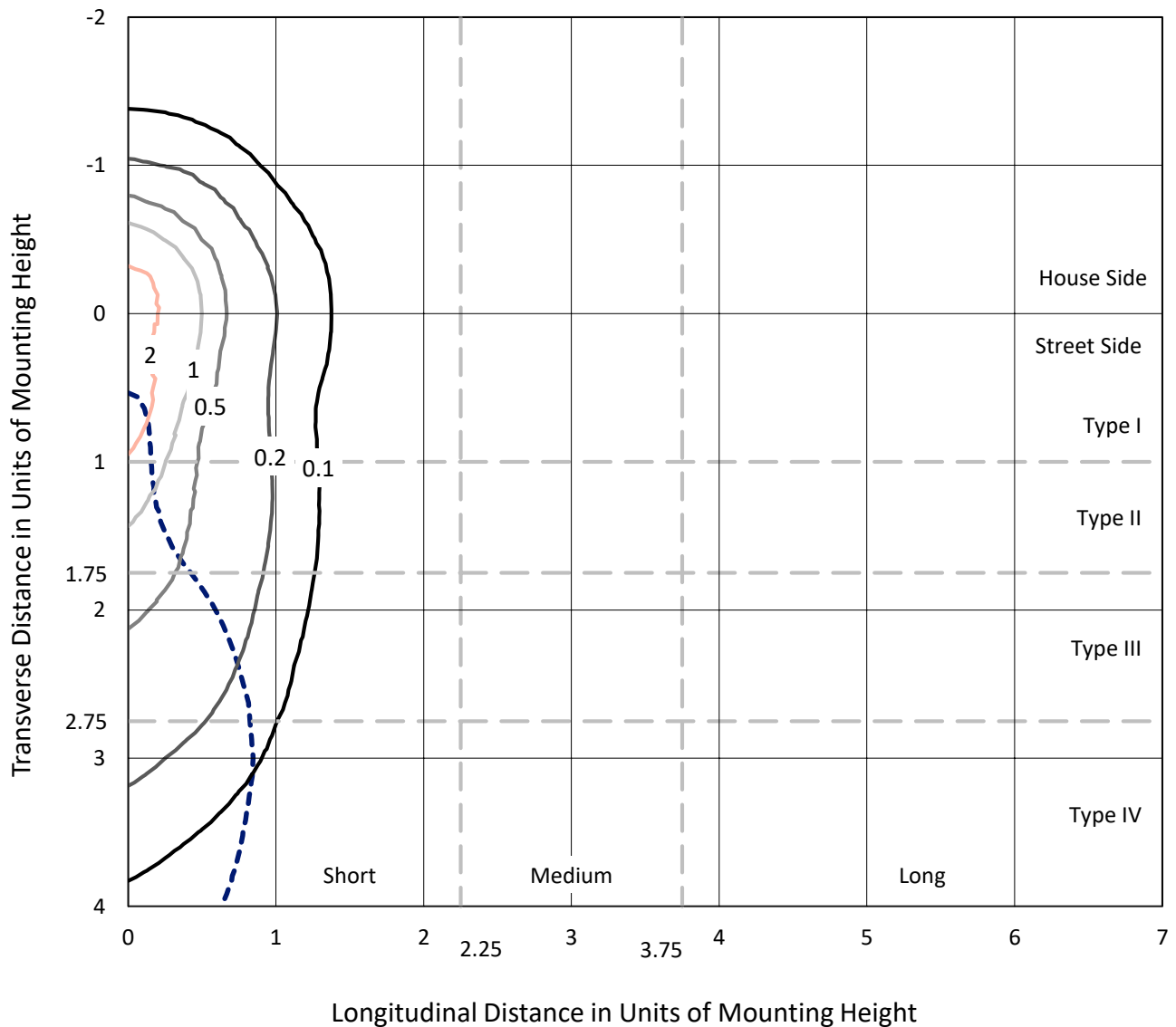


REPORT NUMBER: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

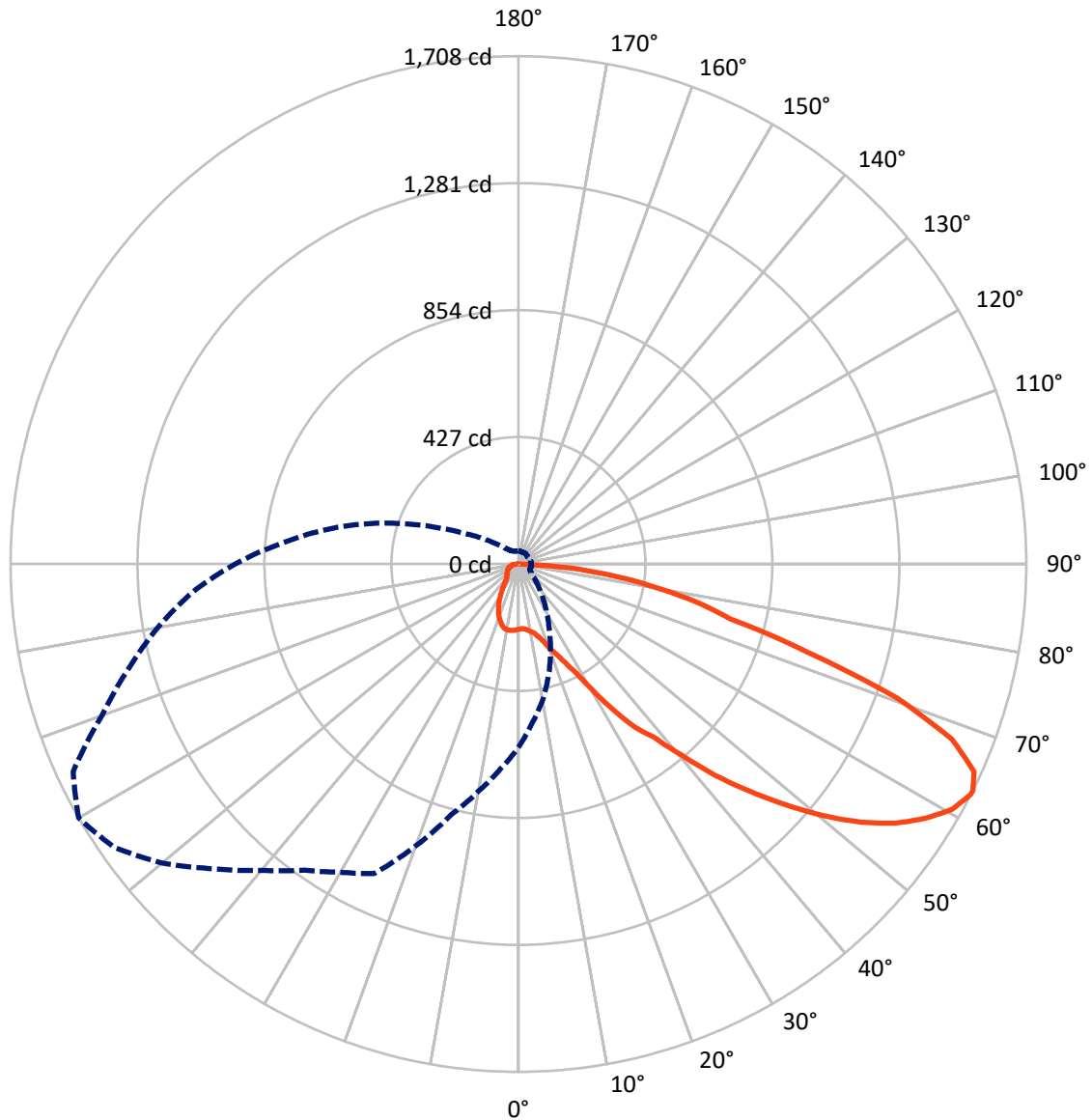


Based on 10 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

Luminous Intensity Polar Plot



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

REPORT NUMBER: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	378.4	0.0	378.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1366.5	0.0	1366.5
	% Fixture	78.3	0.0	78.3
Total	Lumens	1744.9	0.0	1744.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	1.2
10°-20°	66.5	3.8
20°-30°	118.1	6.8
30°-40°	186.0	10.7
40°-50°	273.7	15.7
50°-60°	363.6	20.8
60°-70°	400.5	23.0
70°-80°	251.2	14.4
80°-90°	64.0	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°	1744.9	100.0
0°-180°	1744.9	100.0



REPORT NUMBER: P181121

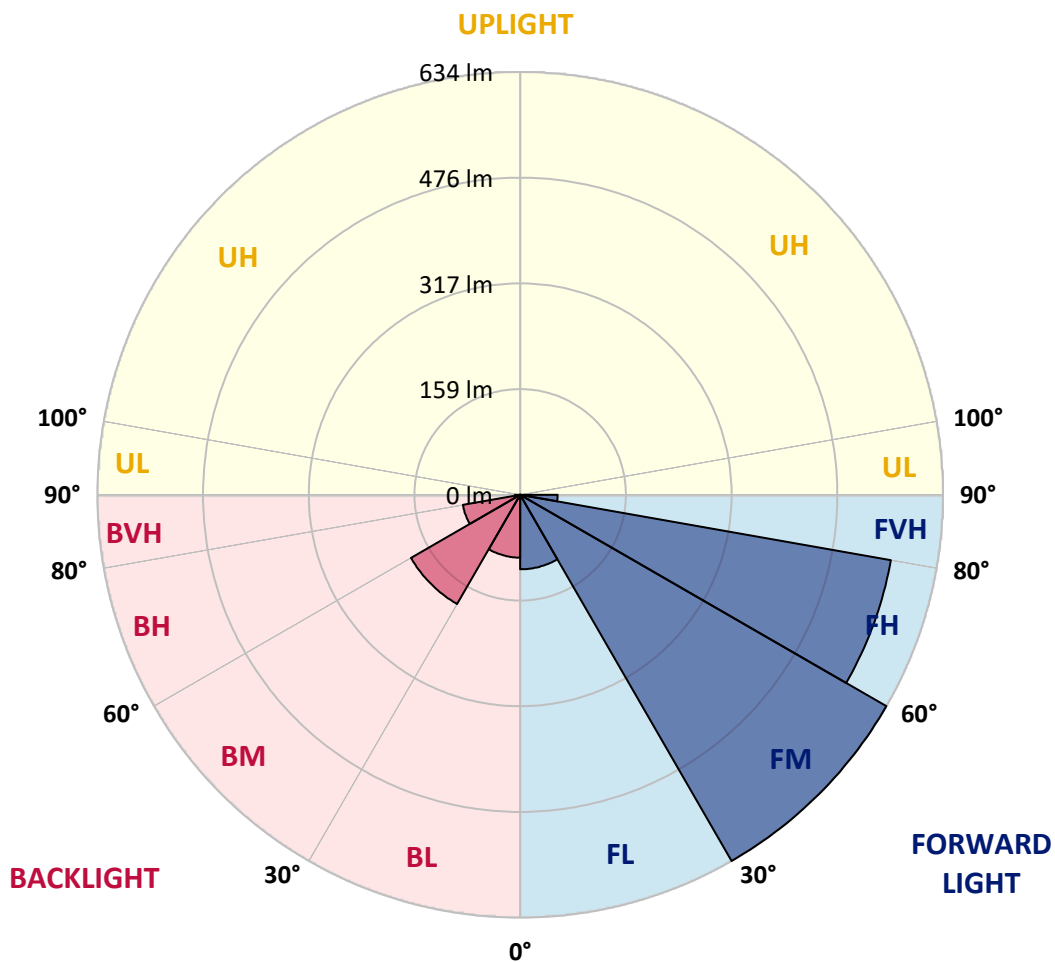
CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	111.7	6.4			
FM (30°-60°)	634.1	36.3			
FH (60°-80°)	564.5	32.4			G0/660
FVH (80°-90°)	56.2	3.2			G1/100
BL (0°-30°)	94.2	5.4	B0/110		
BM (30°-60°)	189.1	10.8	B0/220		
BH (60°-80°)	87.2	5.0	B0/110		G0/110
BVH (80°-90°)	7.8	0.4			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short





REPORT NUMBER: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	216.3	217.0	216.8	216.8	217.2	217.0	217.0	217.2	217.2	217.8	218.6
5°	214.7	214.5	214.0	214.5	214.5	214.5	213.6	214.3	214.5	214.9	214.9
7.5°	216.8	216.1	215.3	215.5	215.5	215.1	214.5	214.7	214.5	214.5	214.3
10°	219.5	218.0	217.0	217.0	217.0	216.6	215.5	216.1	216.1	215.9	216.1
12.5°	224.3	222.6	221.4	220.9	220.9	220.3	219.5	220.3	219.9	219.9	219.5
15°	232.2	230.4	228.9	227.6	227.8	227.8	226.8	226.2	225.3	224.3	222.2
17.5°	244.1	242.1	240.2	239.1	239.3	237.9	235.0	232.0	228.1	224.1	219.7
20°	261.1	260.5	257.9	256.9	254.4	250.8	242.7	235.8	228.1	220.5	213.0
22.5°	290.3	287.4	284.9	280.9	272.6	262.8	249.2	237.0	224.9	214.3	204.2
25°	329.6	324.4	312.1	300.0	282.8	265.3	246.9	231.2	216.1	202.1	189.8
27.5°	368.3	352.4	330.5	308.5	283.4	260.5	237.5	218.9	201.3	186.0	172.5
30°	415.1	388.4	354.7	320.0	284.5	253.6	226.0	204.2	183.9	167.9	153.6
32.5°	459.0	420.4	376.3	330.7	286.8	247.1	212.8	188.1	167.2	146.9	132.9
35°	489.1	439.0	385.5	331.7	281.1	234.7	196.3	167.2	146.3	127.5	111.0
37.5°	507.1	447.1	385.9	324.2	268.0	218.0	175.4	146.5	127.3	109.3	96.4
40°	518.4	449.0	380.4	313.3	251.3	196.9	154.5	128.6	111.0	96.6	86.5
42.5°	523.8	446.1	371.7	299.5	234.3	178.1	139.8	115.4	100.1	89.9	82.4
45°	524.7	440.8	362.3	287.0	219.3	164.5	129.8	110.0	97.4	88.8	81.3
47.5°	524.7	436.2	354.7	277.8	209.5	158.7	129.0	112.3	99.9	90.3	81.3
50°	525.1	434.8	351.6	273.2	206.1	161.8	136.1	119.4	105.4	92.8	81.1
52.5°	527.0	436.7	354.1	276.8	212.2	174.3	149.5	130.0	112.5	95.7	81.1
55°	531.2	442.9	364.8	289.1	228.5	193.4	165.6	141.5	118.1	97.0	79.9
57.5°	542.9	458.8	384.2	312.9	256.3	215.3	180.2	149.7	120.2	95.9	77.3
60°	566.3	490.4	417.4	346.4	285.7	234.1	188.8	150.9	118.3	92.6	73.4
62.5°	603.7	526.6	457.8	382.7	311.9	244.6	189.8	147.8	113.3	86.5	67.5
63°	616.6	535.5	466.4	389.6	315.2	245.4	189.0	146.5	112.0	84.9	66.7
65°	652.8	573.4	496.0	413.9	324.6	245.6	184.4	140.3	106.2	78.4	60.8
67.5°	720.3	623.1	533.4	432.9	328.0	238.9	172.7	128.6	93.9	68.4	53.5
70°	763.0	650.9	547.9	433.3	318.1	219.9	152.4	109.5	78.2	56.6	46.0
72.5°	751.9	623.5	509.8	394.2	275.7	183.7	122.5	86.1	61.0	45.4	38.3
75°	644.0	519.0	416.0	305.4	208.4	135.0	89.7	61.5	45.2	35.5	32.0
77.5°	463.6	373.5	298.3	217.6	140.5	87.4	59.6	43.9	34.3	29.3	26.3
80°	295.4	219.1	182.5	130.9	82.1	54.1	41.0	33.2	28.2	24.5	22.6
82.5°	154.3	108.1	87.8	66.9	45.6	35.7	30.1	27.2	23.2	20.3	19.2
85°	96.2	63.8	47.2	33.0	22.8	20.5	18.8	18.4	16.5	14.6	14.0
87.5°	10.9	9.8	10.2	6.5	4.8	5.2	5.0	6.7	6.5	4.8	5.0
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: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	217.8	218.2	218.2	218.9	218.9	219.3	219.7	219.7	220.1	220.3	220.7
5°	215.3	215.3	215.3	216.1	216.3	217.6	218.0	218.4	218.9	220.3	221.2
7.5°	214.7	213.8	214.3	214.3	214.9	215.9	217.0	217.6	218.2	220.1	221.4
10°	215.9	215.3	214.7	214.7	214.9	215.3	216.1	216.8	217.2	219.1	220.1
12.5°	219.3	217.8	216.6	215.5	214.7	214.5	214.0	214.3	214.7	215.7	217.2
15°	219.9	217.2	214.5	211.7	209.7	208.4	207.4	206.9	206.9	207.6	209.2
17.5°	215.7	211.1	207.2	203.6	201.3	199.0	198.0	197.1	196.7	197.5	197.7
20°	206.7	201.3	195.9	191.7	187.5	186.9	185.2	185.6	186.0	187.3	187.9
22.5°	194.4	187.9	181.2	176.8	173.5	170.6	168.7	169.5	170.2	171.4	172.0
25°	179.3	169.9	162.8	158.4	154.9	152.4	150.3	151.1	150.3	151.8	154.1
27.5°	161.6	150.5	143.0	138.0	135.5	133.4	131.3	131.3	133.4	133.4	135.2
30°	140.1	131.9	122.1	116.8	113.7	112.5	112.3	111.8	113.3	114.1	116.2
32.5°	119.8	109.7	100.3	95.3	92.6	91.1	91.3	91.6	92.2	93.4	96.8
35°	99.3	90.5	83.8	78.2	75.5	72.7	72.7	72.3	73.0	74.4	78.4
37.5°	86.1	78.4	73.2	68.8	66.1	64.4	62.9	62.3	62.3	62.9	64.4
40°	78.8	73.2	68.4	64.6	62.1	60.6	59.8	59.2	58.7	58.7	58.9
42.5°	75.5	69.6	64.8	61.5	59.6	58.7	58.5	58.3	57.7	57.5	57.3
45°	73.8	67.1	61.7	58.9	57.5	57.1	57.3	57.3	57.1	56.6	55.8
47.5°	72.5	64.8	59.4	56.9	56.2	56.2	56.2	56.2	56.0	55.8	55.2
50°	70.4	61.2	55.4	53.5	53.1	53.1	53.3	53.3	53.7	53.3	52.9
52.5°	68.1	57.9	52.0	50.4	50.2	50.0	50.0	50.0	50.2	50.2	50.0
55°	65.6	55.4	50.4	49.1	49.3	49.1	48.9	48.7	48.7	48.5	48.1
57.5°	63.1	53.3	49.1	48.3	48.5	48.5	48.1	47.7	47.5	46.8	46.4
60°	59.4	50.4	46.6	46.2	46.8	46.8	46.8	46.6	46.6	46.4	45.4
62.5°	54.3	46.2	43.3	43.5	43.7	44.1	44.1	44.1	44.1	43.7	42.6
63°	53.3	45.4	42.6	42.6	43.3	43.3	43.5	43.3	43.5	43.1	41.8
65°	49.1	42.6	40.6	40.8	41.2	41.2	41.2	41.0	41.0	40.3	39.7
67.5°	44.3	39.3	38.0	38.3	38.5	38.9	38.7	38.7	38.9	38.5	37.8
70°	38.9	35.7	34.9	35.1	35.3	35.3	35.1	35.1	35.3	34.9	34.3
72.5°	34.7	33.4	32.8	32.8	32.4	32.4	32.0	31.8	31.6	31.6	30.9
75°	29.3	29.1	29.3	29.7	29.3	28.8	28.6	28.0	27.6	27.6	27.4
77.5°	25.1	25.1	25.5	26.1	26.3	26.3	25.7	24.7	24.5	24.5	24.5
80°	21.7	21.3	21.3	21.9	22.6	22.4	21.3	20.3	20.3	21.3	21.5
82.5°	19.0	19.0	18.4	18.6	18.4	18.2	17.1	16.5	16.3	17.1	18.0
85°	15.1	15.3	15.1	14.8	14.6	14.0	13.2	12.5	12.3	13.2	14.4
87.5°	6.1	5.9	5.6	5.9	5.6	6.1	5.9	5.4	5.2	5.9	7.1
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: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	220.9	221.4	221.8	221.8	222.2	222.0	222.2	222.4	222.4	222.6	222.6
5°	222.2	222.8	223.7	224.5	224.7	225.3	226.0	225.5	226.2	227.0	227.0
7.5°	222.6	224.1	224.7	226.0	226.2	227.0	228.5	227.4	228.7	229.3	229.5
10°	222.0	223.5	224.5	226.0	226.6	228.1	229.5	229.1	230.6	231.6	231.8
12.5°	218.2	219.7	222.0	224.1	225.8	228.1	230.8	229.9	232.0	233.3	233.9
15°	210.9	212.4	214.9	218.2	221.4	224.9	228.5	229.1	231.2	232.7	233.3
17.5°	199.4	201.3	204.0	207.6	211.5	217.6	222.2	224.5	227.4	228.3	229.3
20°	188.8	190.6	192.3	194.4	197.3	203.2	209.2	213.8	217.6	220.7	221.6
22.5°	174.5	176.2	178.3	180.0	182.1	186.2	191.3	196.5	202.3	204.2	206.3
25°	157.4	158.4	161.4	162.4	163.9	167.4	171.4	175.2	180.8	184.8	185.8
27.5°	139.0	140.1	142.8	143.4	145.3	148.6	151.5	153.0	158.2	162.4	165.8
30°	117.7	120.4	123.7	124.2	126.3	128.3	131.1	132.5	137.3	141.7	145.9
32.5°	99.3	102.0	104.7	106.4	107.4	109.1	111.8	113.3	117.9	121.9	126.0
35°	80.5	83.8	86.7	89.0	89.9	92.0	94.1	95.5	100.3	103.9	106.8
37.5°	66.3	68.8	71.9	74.2	76.5	78.0	80.5	82.6	85.5	87.4	90.5
40°	59.4	60.6	62.3	64.2	66.1	67.7	69.6	71.3	73.2	75.7	77.8
42.5°	57.1	57.3	57.3	57.9	58.9	59.8	61.5	62.7	64.0	65.8	66.9
45°	55.4	55.2	54.8	54.3	54.6	55.0	56.0	56.9	58.3	59.2	59.4
47.5°	54.6	53.7	52.9	52.3	52.0	52.3	53.1	53.9	54.8	55.4	55.6
50°	51.8	51.2	50.0	49.1	48.7	49.1	50.2	50.6	51.4	52.0	52.3
52.5°	49.1	48.3	47.5	46.6	46.6	46.8	47.7	48.5	49.3	49.5	50.0
55°	47.5	46.2	45.4	44.7	44.3	44.9	45.6	46.6	47.7	47.9	48.3
57.5°	45.8	44.5	43.7	43.1	42.6	43.3	43.9	45.4	46.6	46.6	46.6
60°	44.7	43.7	42.4	41.8	41.2	41.8	42.6	44.1	45.4	45.2	44.9
62.5°	41.8	40.8	40.1	40.1	39.5	40.6	41.4	43.1	43.3	42.9	42.4
63°	41.0	40.1	39.7	39.7	39.3	40.3	41.2	42.6	42.6	42.2	41.8
65°	38.9	38.3	37.8	38.3	38.3	39.3	39.5	40.6	40.3	39.7	39.5
67.5°	37.2	36.8	36.4	36.4	36.4	36.6	36.8	37.2	37.0	36.8	37.0
70°	34.5	34.3	33.9	33.9	33.7	33.7	33.7	33.9	33.9	34.1	34.3
72.5°	31.1	30.7	30.7	30.9	30.5	30.7	30.9	30.7	31.1	31.1	31.4
75°	27.4	27.2	27.6	28.0	27.8	27.8	28.0	28.0	28.2	28.2	28.4
77.5°	24.5	24.7	24.9	25.3	25.5	25.5	25.5	25.3	25.5	25.5	25.7
80°	21.7	22.2	22.6	23.0	23.2	23.2	23.2	23.0	23.0	23.0	23.0
82.5°	19.6	20.3	20.7	20.9	20.9	20.9	20.9	20.9	20.9	20.5	20.1
85°	16.5	17.8	17.8	18.0	17.3	16.9	16.5	16.7	16.9	16.1	15.9
87.5°	8.4	8.4	8.8	9.2	9.4	9.4	10.7	10.0	9.8	9.6	9.2
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: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	222.8	222.6	223.0	222.6	222.8	223.0	222.6	223.2	223.7	223.0	222.4
5°	227.4	227.4	228.5	228.9	229.1	230.4	229.7	230.1	230.6	230.4	230.6
7.5°	230.4	231.2	232.2	233.3	233.5	234.5	234.3	235.0	235.4	236.4	236.4
10°	232.9	233.9	235.4	236.4	237.5	238.3	238.7	240.0	240.2	241.0	241.0
12.5°	235.2	236.4	237.9	239.6	240.6	242.3	242.5	244.4	245.0	245.2	244.6
15°	234.7	236.2	237.9	239.8	241.6	243.7	245.0	246.9	247.9	248.3	247.3
17.5°	230.8	232.0	234.1	236.6	238.9	241.6	243.9	246.7	248.3	248.7	248.5
20°	223.0	223.9	226.6	229.9	232.7	236.8	240.2	244.4	247.1	249.2	249.8
22.5°	207.8	209.9	212.6	216.3	220.3	225.5	230.4	236.4	242.3	247.3	252.3
25°	189.4	193.1	197.3	202.3	207.2	212.6	218.0	224.9	233.5	243.9	255.9
27.5°	170.8	177.3	182.5	189.0	194.6	200.0	206.1	213.6	223.0	235.6	250.8
30°	152.0	159.3	164.9	172.5	180.0	187.3	193.4	201.3	210.5	223.2	240.0
32.5°	131.9	139.2	145.9	152.8	161.2	169.9	177.3	187.1	196.9	210.1	227.0
35°	111.2	117.7	123.3	130.6	139.8	149.2	158.9	170.2	180.8	194.6	212.6
37.5°	93.2	97.8	103.3	109.7	116.8	126.9	137.8	151.1	163.3	178.3	196.7
40°	78.4	80.9	84.0	89.5	95.9	105.8	116.4	130.6	145.3	161.8	179.6
42.5°	66.9	68.1	69.0	72.5	77.8	87.4	97.6	111.4	127.5	145.5	163.5
45°	59.4	60.0	60.2	62.1	65.8	74.2	84.9	96.6	112.0	129.6	148.4
47.5°	55.8	56.4	56.9	57.3	59.6	66.1	75.7	86.7	101.0	117.1	136.3
50°	52.9	53.5	54.1	53.9	55.0	59.2	67.3	77.6	90.9	105.8	124.8
52.5°	50.0	50.4	50.4	50.4	51.0	53.7	59.6	69.0	81.3	95.3	114.1
55°	48.3	48.7	48.9	49.1	49.3	50.8	55.2	62.7	73.4	86.3	103.3
57.5°	46.6	46.8	47.2	47.5	47.9	48.7	51.4	56.9	65.8	76.7	90.9
60°	45.2	45.6	46.4	46.6	47.0	47.2	48.5	51.8	57.7	66.1	77.6
62.5°	42.9	43.5	44.3	44.5	44.9	45.2	45.4	47.2	50.0	55.0	63.5
63°	42.2	42.9	43.9	44.1	44.3	44.3	44.5	45.8	48.3	52.7	58.9
65°	39.9	40.8	41.4	41.6	41.8	41.8	41.6	42.0	42.2	44.1	47.9
67.5°	37.4	38.0	38.5	38.7	38.5	38.7	38.5	38.0	37.6	38.0	39.7
70°	34.9	35.3	35.3	35.5	35.7	36.0	35.5	35.1	34.7	34.5	35.5
72.5°	32.0	32.4	32.4	32.6	32.6	33.0	33.0	32.8	32.8	33.0	33.2
75°	29.1	29.5	29.3	29.7	29.7	30.3	30.3	30.5	30.9	30.7	30.5
77.5°	26.3	26.5	26.5	26.8	27.0	28.0	28.6	28.8	28.8	28.4	28.0
80°	23.4	23.4	23.0	22.8	23.0	24.0	25.3	25.5	26.1	25.9	26.1
82.5°	19.6	18.8	18.2	18.2	18.6	19.2	19.6	20.1	20.5	20.5	20.9
85°	15.1	14.2	13.6	13.8	14.4	14.6	14.4	14.4	15.3	15.9	15.3
87.5°	9.0	8.2	7.7	7.1	7.3	7.9	7.7	7.1	7.3	5.9	5.4
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: P181121

CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	222.8	222.6	222.2	221.6	221.4	220.9	221.2	220.5	220.1	219.7	219.1
5°	230.6	230.6	229.3	229.3	228.7	228.5	227.0	226.4	225.1	225.5	224.1
7.5°	236.0	236.6	235.2	235.0	234.1	233.9	232.0	231.4	230.4	229.9	228.7
10°	240.0	240.0	238.1	236.6	235.6	234.5	232.7	231.8	231.0	231.2	230.4
12.5°	243.1	241.6	238.9	236.8	235.4	234.3	232.9	232.2	232.0	233.5	233.7
15°	245.6	243.5	240.2	238.7	237.5	237.3	237.3	237.9	239.3	242.1	244.1
17.5°	247.1	245.8	244.1	243.7	245.8	247.1	248.7	250.6	252.7	256.5	258.8
20°	249.8	250.6	251.9	253.6	256.9	260.0	262.1	264.8	267.4	272.0	275.7
22.5°	256.9	261.7	265.7	269.0	274.0	278.4	281.1	284.9	286.8	289.9	295.8
25°	266.1	275.9	284.3	291.4	299.1	303.7	307.5	312.3	315.2	320.4	325.7
27.5°	263.4	277.4	289.9	303.1	313.8	325.7	334.0	342.0	347.0	354.7	361.6
30°	255.0	271.7	288.7	306.0	323.0	340.1	356.0	370.4	381.5	392.6	403.8
32.5°	243.7	263.0	283.7	305.0	327.1	351.0	372.9	394.7	413.0	429.1	444.8
35°	230.8	252.5	274.0	300.4	327.8	358.1	388.6	418.7	446.7	475.1	494.4
37.5°	215.3	237.5	261.5	291.8	324.0	361.4	400.3	439.6	479.3	517.6	550.8
40°	198.8	221.4	246.7	279.5	315.8	359.3	407.8	460.7	515.3	570.7	614.8
42.5°	184.2	207.4	235.0	268.2	307.7	356.6	413.9	478.9	545.6	614.1	678.9
45°	169.9	195.4	224.5	260.2	304.1	358.7	422.9	495.8	572.7	655.9	735.0
47.5°	157.2	183.1	211.3	250.4	298.9	359.7	431.7	512.8	598.5	688.6	782.4
50°	145.7	170.8	198.6	237.9	290.8	359.1	439.6	528.0	620.6	714.3	819.0
52.5°	134.4	159.9	188.3	225.8	280.7	355.6	443.4	540.6	641.1	740.2	848.5
55°	123.3	148.4	177.1	214.3	267.6	346.4	442.9	548.7	657.4	764.6	876.9
57.5°	110.4	134.2	162.2	201.5	253.6	332.2	436.7	552.5	671.4	788.9	911.0
60°	94.3	116.6	143.6	182.9	235.2	314.0	423.5	550.4	679.6	806.9	940.0
62.5°	74.4	93.9	118.5	157.0	212.2	287.8	398.8	531.4	666.6	804.4	953.6
63°	70.2	88.6	112.7	150.7	202.3	280.7	391.5	523.8	660.3	799.1	951.7
65°	56.4	68.4	87.6	121.7	169.3	245.8	355.1	485.2	626.7	762.3	924.5
67.5°	43.3	49.3	59.6	83.4	119.8	193.4	287.6	411.2	543.9	671.4	837.0
70°	37.0	39.7	44.1	55.4	76.1	122.1	201.9	306.6	421.6	532.2	681.0
72.5°	33.7	34.9	37.2	42.0	52.3	73.2	128.8	199.6	286.8	379.4	494.4
75°	30.9	32.0	33.9	36.4	40.1	48.7	73.4	122.1	186.5	249.2	333.6
77.5°	28.2	28.8	30.9	33.2	35.7	40.1	48.5	70.2	107.2	146.9	201.1
80°	25.9	25.5	27.0	30.7	33.2	35.7	38.3	45.6	61.0	80.5	108.7
82.5°	20.7	21.1	22.4	26.1	27.2	26.5	27.0	28.2	34.1	37.2	55.6
85°	14.0	13.0	12.8	13.2	13.2	12.5	12.5	12.3	13.6	15.5	26.5
87.5°	3.8	1.9	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: P181121
 CATALOG NUMBER: ICS-F01-LED-E1-SLR-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	0°
2.5°	218.6	218.4	218.6	217.6	217.6	217.4	217.2	216.8	216.8	215.9	216.6	2.5°
5°	222.8	222.4	221.6	220.3	219.7	218.9	218.9	218.0	217.4	216.6	216.8	5°
7.5°	227.6	227.8	226.4	225.3	224.9	224.1	224.3	223.0	223.2	222.6	222.2	7.5°
10°	230.4	230.4	230.8	230.6	231.0	231.0	231.6	230.8	230.4	229.7	229.7	10°
12.5°	234.7	235.6	237.3	237.3	238.5	238.9	239.1	239.6	238.7	238.3	236.8	12.5°
15°	245.6	247.7	249.2	251.3	253.8	254.6	254.6	253.8	253.3	252.7	250.0	15°
17.5°	263.6	268.2	269.4	272.8	273.2	274.3	277.2	275.5	274.5	270.1	269.2	17.5°
20°	282.0	287.8	293.7	297.9	300.0	304.1	304.8	303.9	299.8	295.6	293.7	20°
22.5°	304.1	312.9	319.6	326.1	329.2	331.3	335.9	334.9	331.5	325.3	322.7	22.5°
25°	335.5	346.4	353.5	361.4	365.6	367.7	372.3	372.3	368.7	366.9	366.6	25°
27.5°	375.0	388.4	400.1	402.8	413.7	416.2	420.6	420.6	417.2	414.9	426.0	27.5°
30°	418.9	432.9	453.2	466.8	479.9	492.9	492.7	493.5	497.5	499.6	504.4	30°
32.5°	462.8	480.1	501.7	531.2	559.4	583.4	614.6	634.4	628.4	611.4	604.7	32.5°
35°	516.1	535.3	561.5	591.1	642.8	673.9	689.0	699.6	700.9	703.2	708.0	35°
37.5°	575.5	607.7	638.0	671.6	700.3	738.1	773.0	801.0	807.5	820.7	813.1	37.5°
40°	650.5	686.5	718.2	761.7	800.2	845.7	895.7	934.2	949.6	944.6	907.0	40°
42.5°	729.1	773.6	810.8	862.0	912.0	972.2	1023.8	1077.6	1087.2	1048.5	992.3	42.5°
45°	801.4	856.6	902.8	956.1	1017.1	1089.3	1158.2	1213.4	1211.5	1145.3	1070.0	45°
47.5°	866.4	934.2	990.6	1060.0	1125.6	1211.5	1290.8	1331.5	1307.5	1229.1	1136.9	47.5°
50°	920.2	1004.6	1074.2	1144.5	1227.9	1331.3	1407.6	1430.6	1384.2	1298.9	1201.9	50°
52.5°	963.4	1069.4	1147.6	1228.5	1333.8	1442.7	1508.4	1499.8	1439.8	1352.2	1255.7	52.5°
55°	1000.0	1118.9	1212.2	1307.7	1438.3	1538.7	1582.4	1559.4	1475.6	1386.7	1292.4	55°
57.5°	1037.8	1167.0	1271.5	1382.3	1527.8	1613.9	1638.2	1590.9	1492.5	1399.9	1308.3	57.5°
60°	1075.7	1207.2	1324.0	1447.5	1595.5	1675.4	1668.7	1598.0	1487.5	1390.3	1297.7	60°
62.5°	1101.2	1231.0	1354.5	1487.7	1646.3	1706.7	1665.8	1572.8	1458.4	1352.4	1265.9	62.5°
63°	1101.8	1231.8	1356.4	1490.4	1652.0	1707.8	1660.1	1563.8	1449.2	1344.7	1256.5	63°
65°	1088.6	1216.1	1339.7	1478.1	1647.2	1683.8	1611.4	1510.7	1396.8	1291.2	1207.6	65°
67.5°	1021.3	1151.3	1260.5	1390.9	1561.1	1571.5	1481.0	1399.7	1297.3	1187.9	1100.6	67.5°
70°	885.7	993.7	1100.8	1209.7	1352.4	1350.6	1265.5	1224.1	1134.4	1009.8	939.8	70°
72.5°	704.4	801.4	876.7	949.6	1043.7	1024.7	969.9	981.4	923.3	830.3	788.7	72.5°
75°	523.0	629.6	666.4	696.1	735.8	736.0	751.1	783.7	782.8	731.2	678.7	75°
77.5°	343.0	459.7	472.0	495.8	543.5	608.3	675.2	747.1	765.1	724.3	646.7	77.5°
80°	191.3	312.5	298.3	318.8	370.2	458.2	556.9	636.3	683.1	660.3	578.2	80°
82.5°	97.8	180.2	172.2	200.7	242.3	318.8	384.0	445.0	500.2	497.1	465.9	82.5°
85°	50.8	98.7	112.3	127.1	148.0	175.4	200.0	217.8	240.8	281.4	295.2	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0	15.1	10.9	29.9	42.6	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: P181121

NUMBER: ICS-F01-LED-E1-SLR-8030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
219.3	219.3	219.3	219.3	219.3	219.3	219.3
216.8	217.0	216.6	216.6	216.8	216.8	216.3
216.3	216.3	215.9	215.5	215.1	215.1	214.7
221.2	221.2	219.7	219.1	218.0	217.2	216.8
228.3	227.0	225.3	224.1	222.4	220.5	219.5
235.4	233.5	231.4	229.5	227.4	225.3	224.3
247.1	244.6	241.9	239.6	236.6	233.5	232.2
265.1	261.1	257.5	254.2	249.0	246.7	244.1
288.9	283.0	278.4	272.8	266.3	264.2	261.1
317.7	312.7	303.5	299.3	292.9	289.7	290.3
361.6	355.1	344.5	340.5	339.9	333.0	329.6
418.9	419.3	409.5	398.8	393.0	382.1	368.3
500.4	494.8	483.3	472.4	458.6	438.1	415.1
599.1	586.5	567.5	547.2	522.8	491.2	459.0
695.4	673.5	643.2	609.3	574.0	534.7	489.1
780.1	746.0	700.7	661.8	611.8	562.7	507.1
857.4	815.2	756.7	706.3	647.4	584.2	518.4
932.3	878.8	807.1	738.9	672.2	598.7	523.8
1003.6	934.6	849.5	768.4	690.4	608.1	524.7
1058.3	983.1	887.6	789.7	703.0	615.2	524.7
1109.1	1024.0	916.6	806.4	714.7	620.0	525.1
1148.6	1052.9	935.4	818.4	723.9	623.5	527.0
1177.3	1071.7	948.0	825.7	730.6	628.6	531.2
1197.3	1084.0	954.9	832.2	738.7	637.3	542.9
1207.0	1106.8	966.4	845.1	752.7	655.9	566.3
1199.6	1142.2	999.2	867.1	772.2	685.0	603.7
1196.5	1148.6	1008.2	871.9	776.6	691.3	616.6
1172.0	1155.1	1045.2	896.1	797.5	719.1	652.8
1096.2	1129.6	1076.3	937.1	842.4	786.6	720.3
997.9	1091.8	1070.7	942.3	871.0	842.0	763.0
880.2	977.4	957.8	872.7	839.5	842.6	751.9
692.7	765.7	752.7	722.8	729.5	752.5	644.0
555.0	545.2	515.3	517.4	556.0	583.0	463.6
453.4	367.1	328.2	329.2	396.7	424.8	295.4
431.4	347.2	282.8	247.1	288.7	278.0	154.3
307.3	307.9	255.4	207.6	201.1	171.0	96.2
72.7	58.3	41.6	30.9	32.6	21.5	10.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)