

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: P141544

Luminaire Tested: **ECM-F01-LED-E1-SLR-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P141544  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33693)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ECM-F01-LED-E1-SLR-7030  
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (7) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1972.1 lumens  
Efficiency: N/A  
Efficacy: 76.1 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

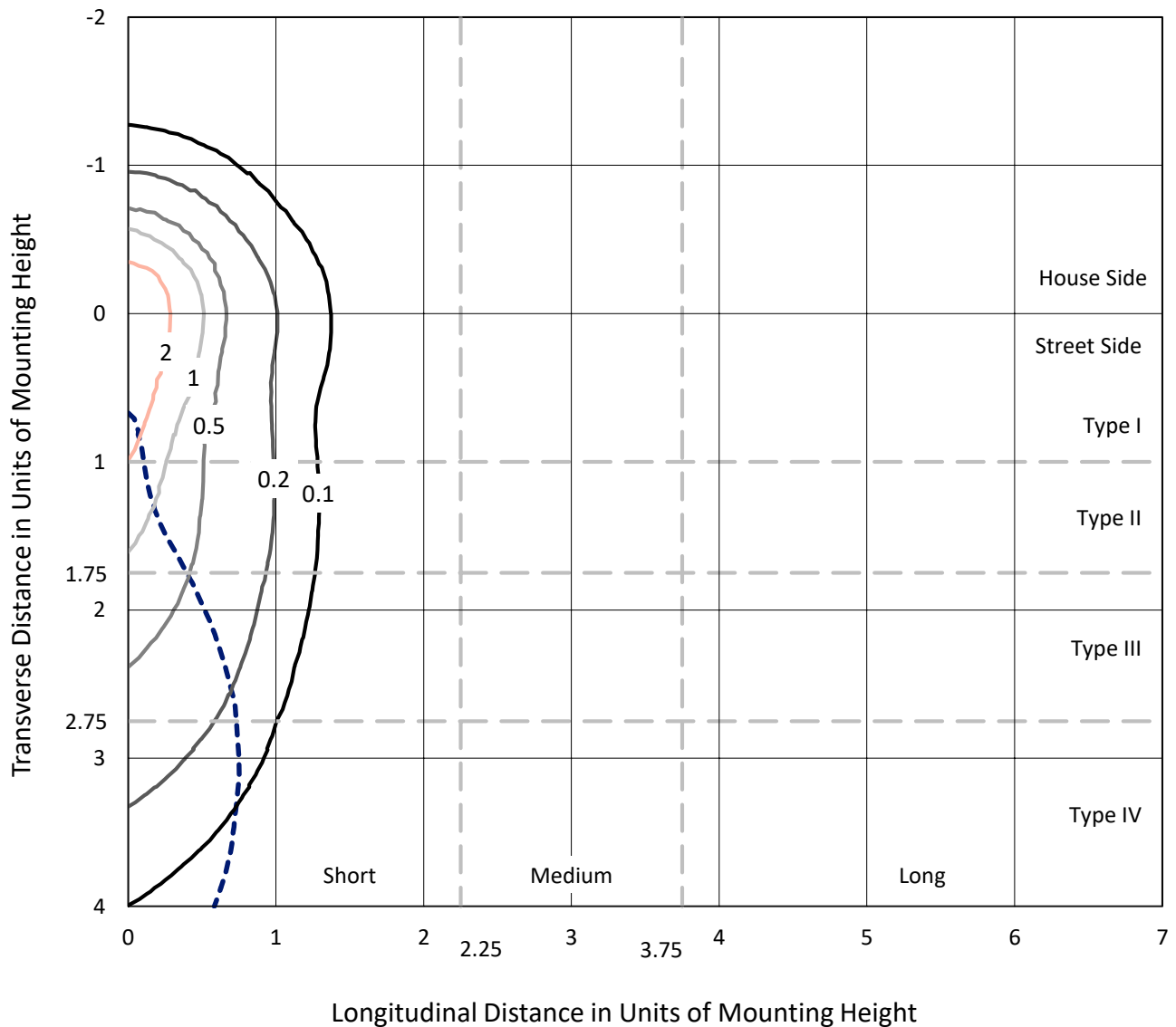
Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P141544  
 CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

### Iso-Footcandle Lines of Horizontal Illumination

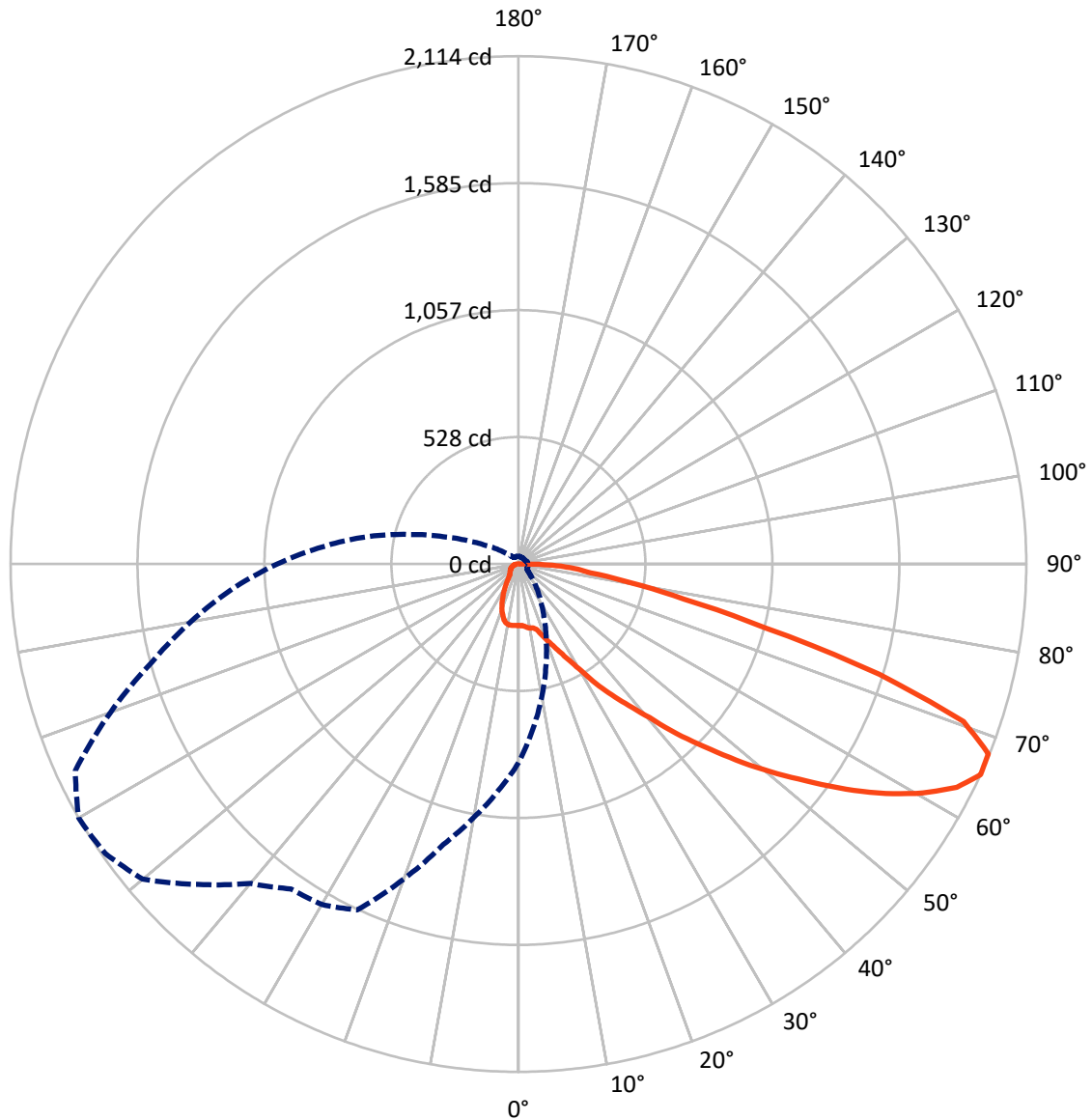
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.6 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P141544  
CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P141544

CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	365.8	0.0	365.8
	% Fixture	18.5	0.0	18.5
<b>Street Side</b>	Lumens	1606.3	0.0	1606.3
	% Fixture	81.5	0.0	81.5
<b>Total</b>	Lumens	1972.1	0.0	1972.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.8	1.3
10°-20°	74.5	3.8
20°-30°	123.8	6.3
30°-40°	180.9	9.2
40°-50°	275.2	14.0
50°-60°	395.6	20.1
60°-70°	486.4	24.7
70°-80°	325.4	16.5
80°-90°	85.6	4.3
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°	1972.1	100.0
0°-180°	1972.1	100.0



REPORT NUMBER: P141544

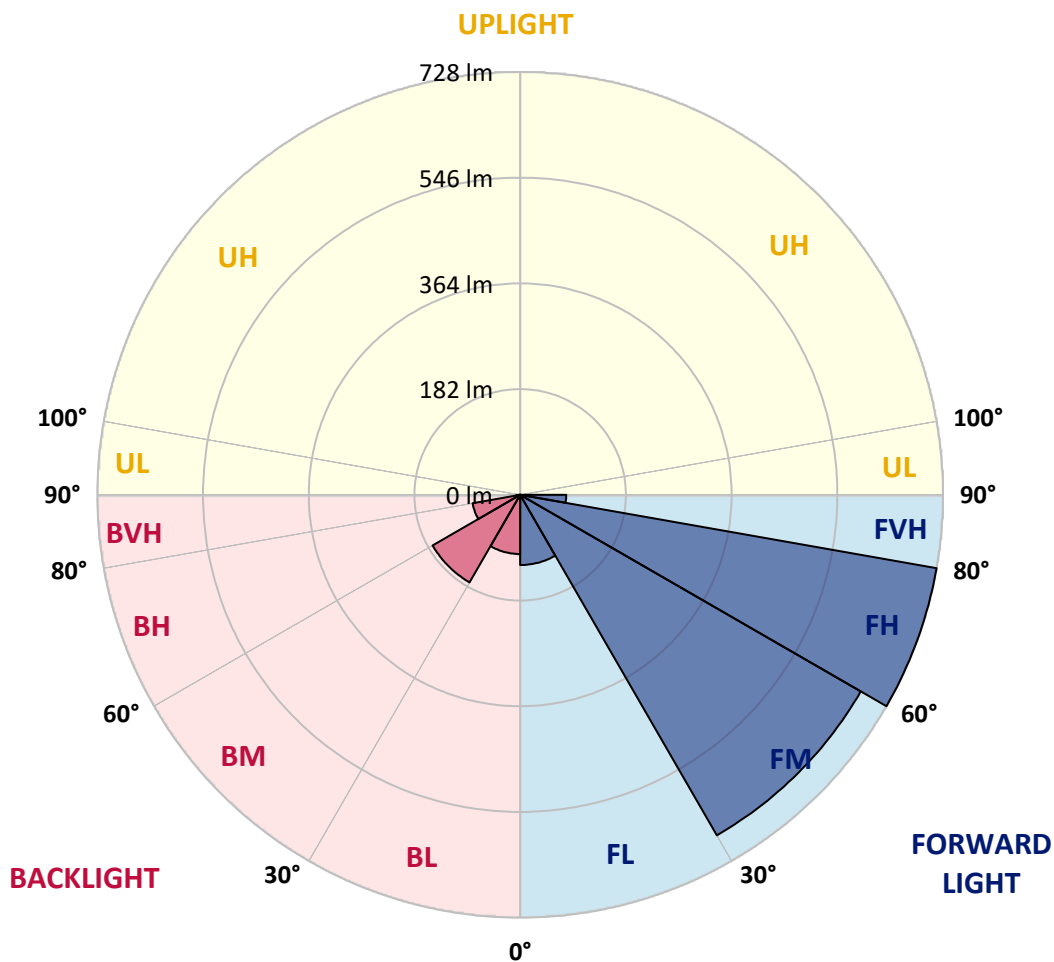
CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	121.0	6.1			
FM	(30°-60°)	677.5	34.4			
FH	(60°-80°)	728.5	36.9			G1/1800
FVH	(80°-90°)	79.4	4.0			G1/100
BL	(0°-30°)	102.1	5.2	B0/110		
BM	(30°-60°)	174.2	8.8	B0/220		
BH	(60°-80°)	83.2	4.2	B0/110		G0/110
BVH	(80°-90°)	6.2	0.3			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: P141544

CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4
2.5°	256.6	257.4	257.4	256.9	256.6	256.9	257.1	256.9	257.1	257.6	257.4
5°	253.3	253.8	254.1	254.1	254.1	254.6	255.4	255.1	255.9	256.4	256.4
7.5°	245.6	246.6	246.6	246.8	247.3	248.1	249.3	249.8	251.1	252.8	253.3
10°	240.8	241.0	240.3	240.0	240.5	242.0	242.8	244.0	246.1	248.1	250.1
12.5°	242.0	242.3	241.0	241.3	241.3	242.0	244.3	245.3	246.1	247.3	249.3
15°	252.3	252.3	250.8	251.3	251.6	252.6	252.6	250.8	250.3	249.1	248.1
17.5°	266.2	264.1	263.9	263.6	264.7	263.6	261.4	257.4	252.6	247.6	243.5
20°	280.5	280.7	279.2	279.0	276.2	272.7	266.2	258.1	249.6	241.8	233.7
22.5°	301.8	302.4	299.6	294.1	288.0	278.7	266.9	254.6	242.3	231.5	222.2
25°	334.3	329.0	322.7	311.1	295.8	279.5	263.1	247.8	231.7	217.4	205.6
27.5°	366.4	355.9	339.0	320.2	298.6	277.5	258.1	237.5	218.4	201.1	187.5
30°	396.3	376.7	352.6	325.7	298.1	270.9	246.3	222.9	200.3	181.7	165.6
32.5°	426.8	398.1	364.7	327.0	290.5	258.1	229.7	202.8	180.5	157.8	140.5
35°	465.0	421.7	372.0	322.2	277.5	238.0	207.6	182.0	157.8	135.0	116.9
37.5°	499.9	440.6	375.7	314.2	260.4	217.2	183.7	157.6	135.0	115.6	100.0
40°	525.5	452.9	375.2	303.9	243.0	195.8	162.9	139.2	118.9	103.5	91.5
42.5°	545.6	459.9	372.7	294.1	228.0	180.2	149.3	127.7	111.6	99.3	90.0
45°	559.5	465.0	371.2	286.3	217.9	172.7	144.8	126.7	113.1	102.0	91.5
47.5°	571.5	470.7	370.7	282.7	215.6	174.9	150.8	134.5	119.6	105.3	91.2
50°	583.6	476.5	375.2	288.5	224.2	187.5	164.9	144.0	123.7	104.3	87.0
52.5°	600.2	493.4	392.1	305.1	242.8	205.1	178.2	151.8	124.4	101.8	82.9
55°	625.1	519.5	416.2	327.0	262.9	224.2	189.0	154.8	123.7	99.0	79.2
57.5°	665.8	558.0	449.1	357.4	289.0	239.0	195.0	156.1	121.9	96.0	76.2
60°	717.3	601.9	490.6	389.3	311.4	249.3	197.5	155.6	119.4	92.5	71.9
62.5°	775.9	650.2	528.0	418.5	327.5	254.1	196.5	151.6	113.6	85.2	65.8
65°	827.4	688.6	559.5	441.8	337.5	254.1	190.3	142.3	103.3	74.9	58.1
67.5°	869.6	721.1	583.6	455.4	338.5	245.3	175.2	125.4	87.0	62.1	49.0
70°	891.7	731.4	591.1	453.9	321.7	219.9	147.5	97.5	63.8	48.3	39.5
72.5°	867.3	707.0	559.0	410.2	268.4	164.1	103.3	66.4	45.7	37.4	32.7
75°	771.8	599.9	465.2	317.2	192.3	102.3	64.1	46.5	36.2	31.2	28.7
77.5°	576.3	447.1	320.2	200.8	110.1	62.1	45.0	35.4	30.4	27.4	25.1
80°	362.4	275.5	192.5	110.6	62.8	45.7	37.4	31.7	27.6	23.9	21.6
82.5°	201.8	146.8	98.0	63.1	43.7	36.9	32.4	29.2	24.6	20.9	18.6
85°	138.0	90.7	61.8	41.5	30.2	26.9	24.1	22.1	18.8	15.8	14.6
87.5°	56.0	52.3	38.0	16.6	12.3	11.1	9.8	12.1	10.1	7.8	7.3
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: P141544

CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4
2.5°	257.9	257.4	257.6	257.4	257.1	256.9	256.6	256.9	256.4	256.6	256.6
5°	257.1	256.6	257.4	257.1	256.6	256.6	256.4	256.4	256.4	256.4	256.6
7.5°	254.8	254.8	255.6	255.6	255.1	255.1	254.6	254.3	254.3	254.6	255.1
10°	251.8	252.6	253.8	253.3	252.3	251.8	251.1	250.6	250.3	250.8	251.3
12.5°	249.6	250.1	249.3	248.6	247.1	245.3	245.0	243.8	243.0	244.3	244.3
15°	245.8	243.8	241.0	238.5	235.0	233.2	231.2	230.7	229.0	229.2	230.5
17.5°	237.8	232.5	228.2	225.7	222.7	221.4	219.2	217.9	216.6	215.4	216.1
20°	226.4	220.7	215.1	211.9	207.1	206.1	202.3	202.3	200.8	201.1	202.6
22.5°	212.1	203.3	196.3	192.3	187.2	185.2	183.5	182.2	181.5	183.0	181.2
25°	193.3	182.7	176.2	170.4	164.9	162.9	160.6	159.8	160.1	159.1	160.9
27.5°	173.9	160.9	153.8	147.3	143.3	139.7	138.0	137.5	136.5	139.2	137.7
30°	149.5	137.7	129.4	122.6	117.9	116.1	114.4	113.9	115.4	113.4	112.3
32.5°	124.9	112.1	105.1	99.3	95.8	92.2	91.7	90.7	89.0	91.2	90.7
35°	102.5	91.7	84.4	80.9	76.2	74.6	71.6	70.9	71.1	71.6	71.4
37.5°	89.0	81.4	74.9	70.1	66.6	64.6	63.6	62.6	62.6	62.1	61.8
40°	82.7	76.4	70.4	65.8	63.1	61.6	60.6	59.6	58.8	58.1	57.3
42.5°	81.7	74.1	67.4	62.8	60.3	59.8	59.6	58.8	57.8	56.5	55.5
45°	80.9	71.4	64.3	60.3	58.6	58.3	58.3	57.6	56.8	55.5	54.0
47.5°	78.4	67.9	61.1	58.1	57.3	57.6	57.3	56.5	56.0	54.8	53.0
50°	72.9	62.6	56.0	53.8	53.5	53.3	53.3	53.0	52.5	51.5	49.8
52.5°	68.1	57.8	52.5	51.0	50.5	50.5	50.0	49.8	48.8	48.0	46.7
55°	65.1	55.3	50.8	49.8	49.8	49.5	49.0	48.3	47.5	46.5	45.0
57.5°	62.3	53.3	49.5	48.8	49.0	48.8	48.3	47.8	46.7	45.5	43.7
60°	58.3	50.3	47.0	46.7	47.3	47.8	47.5	47.3	46.5	44.7	42.2
62.5°	52.5	45.2	42.7	43.2	43.7	44.2	44.0	43.7	43.0	41.5	39.2
65°	46.7	41.5	40.0	40.5	41.0	41.0	41.0	40.5	40.0	38.2	36.4
67.5°	41.2	38.0	37.4	38.0	38.2	38.2	38.5	38.0	37.2	35.9	34.2
70°	35.2	33.7	33.7	34.2	34.4	34.2	34.4	33.7	32.9	32.2	30.4
72.5°	31.4	31.4	31.2	31.2	31.2	30.7	30.4	29.9	29.2	28.4	26.9
75°	27.9	27.9	27.6	28.1	27.1	26.4	26.1	25.6	24.9	23.9	22.9
77.5°	23.9	23.4	23.4	24.1	23.9	22.9	22.1	21.9	20.9	19.9	19.4
80°	20.6	20.1	20.1	19.9	19.4	19.1	18.1	17.1	16.8	16.8	16.1
82.5°	18.1	17.8	17.1	16.6	15.8	15.1	14.3	13.8	13.1	12.8	13.1
85°	14.3	14.6	13.8	13.3	12.6	11.6	10.8	10.3	9.8	9.8	10.8
87.5°	8.3	7.8	7.8	7.5	7.3	6.5	6.5	5.8	5.5	7.0	7.3
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: P141544

CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4
2.5°	256.9	256.9	256.1	256.6	256.4	256.6	257.6	256.6	256.4	257.1	257.9
5°	256.9	257.4	256.6	257.1	257.1	257.9	259.1	258.4	258.9	259.9	260.9
7.5°	255.9	256.6	256.6	257.6	258.4	259.6	261.4	260.9	261.9	263.4	264.7
10°	253.1	254.3	255.6	257.1	258.9	260.9	263.4	263.4	264.4	266.4	267.7
12.5°	246.3	249.6	251.1	254.6	257.4	260.4	263.1	264.9	265.7	267.4	268.9
15°	232.7	236.8	239.8	244.0	248.6	252.8	257.6	259.4	260.9	261.6	262.4
17.5°	217.2	219.9	221.9	227.5	232.5	236.5	241.0	243.3	245.0	245.0	245.6
20°	204.3	205.6	206.1	206.1	209.1	212.9	218.7	217.9	219.4	217.9	219.4
22.5°	184.5	182.5	183.5	183.5	185.5	184.7	187.0	190.8	190.3	191.3	195.5
25°	160.3	160.6	158.8	158.8	159.1	159.6	160.6	161.6	165.1	168.9	171.7
27.5°	137.5	137.0	135.7	134.7	133.7	135.5	136.7	136.5	141.5	144.5	149.5
30°	112.3	112.3	112.6	112.1	113.1	111.8	113.9	114.4	118.6	121.9	126.4
32.5°	91.5	92.0	92.0	91.7	93.5	92.2	93.2	94.5	97.3	100.0	102.3
35°	72.6	73.4	75.4	76.2	76.9	75.9	77.2	78.7	78.9	81.4	83.2
37.5°	61.6	62.8	63.1	63.6	63.6	64.3	64.6	65.6	65.6	66.4	66.9
40°	56.8	56.3	56.0	55.8	55.3	55.5	55.8	56.5	56.8	57.3	57.3
42.5°	54.5	53.8	52.5	51.8	50.8	50.8	50.8	50.8	51.5	52.0	52.0
45°	52.5	51.3	50.0	48.8	48.0	47.5	47.8	48.0	48.5	48.8	49.0
47.5°	51.3	49.5	47.5	46.2	45.5	45.0	45.2	45.5	45.5	45.7	46.0
50°	47.8	46.0	44.2	43.0	42.2	42.0	42.0	41.7	42.0	42.2	42.2
52.5°	45.0	43.2	41.7	40.5	39.7	39.7	39.5	39.0	39.2	39.0	39.2
55°	43.5	41.2	39.5	38.2	37.4	37.4	36.9	37.2	37.2	36.7	36.9
57.5°	41.7	39.5	38.0	36.4	35.4	35.4	35.2	35.4	35.7	34.9	34.9
60°	40.0	38.0	36.2	34.9	33.7	33.9	33.7	34.2	34.2	33.4	33.4
62.5°	36.7	34.9	33.9	33.2	32.2	32.4	32.4	33.2	32.4	31.9	31.7
65°	34.2	32.9	31.4	31.4	30.4	30.9	30.9	30.9	30.2	29.9	30.2
67.5°	32.4	30.9	29.9	28.9	28.1	28.4	27.9	27.9	27.6	27.4	27.9
70°	29.2	27.9	27.4	26.4	25.9	25.1	24.9	24.9	24.9	24.6	24.9
72.5°	25.9	24.9	24.4	23.4	22.9	22.4	22.1	21.9	21.6	21.9	21.9
75°	21.9	21.4	20.9	20.4	19.9	19.6	19.4	19.4	19.1	18.8	19.1
77.5°	18.8	18.1	17.8	17.3	17.6	16.8	16.6	16.8	16.8	16.8	17.1
80°	16.1	15.6	15.6	15.1	14.8	14.3	14.6	14.6	14.6	14.6	14.8
82.5°	14.1	13.6	13.6	13.3	12.6	12.1	12.3	12.8	12.8	12.6	13.1
85°	11.6	11.1	11.1	10.8	9.8	9.6	9.3	9.8	10.1	9.6	10.1
87.5°	7.5	7.0	6.8	6.8	5.8	4.0	5.3	5.8	5.8	4.8	5.5
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: P141544

CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4
2.5°	257.6	258.1	258.1	258.6	259.6	258.6	258.1	258.9	258.9	258.6	258.6
5°	260.9	261.9	262.1	263.6	264.4	263.9	264.4	264.9	265.2	264.7	265.2
7.5°	265.2	266.4	267.7	269.4	270.9	270.7	271.4	272.4	272.7	272.7	273.2
10°	268.7	270.4	271.7	274.0	275.7	276.2	277.0	278.2	279.5	279.5	280.5
12.5°	269.4	271.4	272.7	274.7	277.7	278.7	280.5	283.5	284.8	285.8	286.5
15°	262.9	264.7	266.4	269.2	272.7	275.7	279.7	284.0	287.8	290.5	291.5
17.5°	245.8	246.1	247.8	251.8	259.1	262.4	267.4	276.2	281.5	286.5	291.3
20°	220.7	225.4	227.2	232.5	239.5	244.5	250.3	258.4	266.4	275.5	283.5
22.5°	198.6	204.8	209.9	216.1	221.9	227.7	235.0	242.0	250.8	259.6	269.2
25°	175.9	181.7	188.7	195.5	202.3	209.6	218.7	226.2	235.0	245.3	257.4
27.5°	154.1	160.1	167.9	175.9	181.5	191.3	198.8	209.9	219.9	231.2	244.8
30°	131.2	137.0	140.7	149.5	157.3	167.1	178.7	189.5	201.6	214.1	230.0
32.5°	106.3	109.8	115.1	121.1	130.2	140.5	152.6	164.1	180.7	196.3	211.4
35°	85.2	87.0	86.7	93.5	97.5	109.8	124.9	136.0	152.6	171.7	191.5
37.5°	67.1	66.9	68.4	69.4	74.4	82.4	94.2	108.6	127.7	148.3	168.1
40°	57.3	57.6	57.8	57.8	58.8	64.1	74.6	89.5	107.8	126.2	148.0
42.5°	52.8	53.3	53.5	54.0	54.5	56.3	63.8	77.7	93.2	112.8	132.5
45°	49.5	50.3	51.0	51.0	51.5	52.0	56.3	66.9	82.4	101.0	121.6
47.5°	46.7	47.5	48.0	48.3	48.8	49.3	51.5	58.8	73.9	90.7	112.1
50°	42.7	43.5	44.0	44.7	44.7	44.7	46.2	51.5	63.1	79.7	100.5
52.5°	39.5	40.0	40.7	41.2	41.5	41.7	42.5	45.5	54.3	69.9	89.5
55°	37.7	38.2	39.0	39.5	40.0	40.2	40.7	42.0	48.3	61.6	79.9
57.5°	35.4	36.2	37.2	37.7	38.2	38.5	38.7	39.2	43.5	53.5	68.6
60°	33.9	35.2	36.4	37.2	37.4	37.7	38.0	37.4	39.2	45.5	57.3
62.5°	32.2	33.4	34.4	35.4	35.7	35.9	36.2	35.4	35.2	38.2	44.7
65°	30.7	31.4	32.2	32.9	32.9	33.2	32.9	31.9	31.2	31.2	34.2
67.5°	28.7	29.2	29.9	30.2	30.2	30.2	29.9	29.7	28.4	27.9	28.4
70°	25.6	26.4	27.1	27.6	27.6	27.4	27.1	26.4	25.9	25.4	25.9
72.5°	22.9	23.9	24.1	24.4	24.1	24.1	24.1	23.6	23.9	23.9	24.1
75°	20.1	20.6	20.6	21.1	21.1	21.1	21.1	21.1	21.6	21.4	21.6
77.5°	17.1	17.3	17.8	17.8	17.8	18.1	18.6	18.6	19.1	19.4	19.4
80°	14.8	14.3	14.3	14.1	14.3	14.8	15.3	16.3	16.3	16.6	16.8
82.5°	11.8	10.8	10.3	10.8	10.8	11.1	12.1	13.1	13.1	13.8	14.1
85°	9.0	7.8	6.8	7.3	7.3	7.8	8.8	9.3	10.1	10.3	10.1
87.5°	5.3	4.5	3.0	2.5	3.0	3.8	4.0	4.5	3.8	4.3	4.5
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: P141544

CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4
2.5°	259.1	259.1	257.9	257.9	258.1	258.6	257.4	257.1	257.4	257.1	256.9
5°	265.9	265.2	264.9	264.4	264.1	264.7	263.4	263.4	263.1	262.6	261.9
7.5°	273.4	272.9	272.4	271.9	271.4	271.7	270.4	270.2	269.9	269.7	268.9
10°	280.5	279.7	279.2	278.0	277.0	276.0	273.4	272.7	271.9	271.4	271.2
12.5°	286.3	285.5	283.8	281.5	280.0	277.5	275.5	273.7	272.9	272.2	272.4
15°	291.8	290.3	288.0	285.3	283.8	281.2	279.7	279.0	278.5	278.0	278.5
17.5°	293.6	294.1	292.8	292.0	291.0	290.0	290.3	291.0	292.5	292.5	292.5
20°	290.3	295.8	299.3	302.1	304.4	305.9	306.1	306.9	308.6	309.4	313.2
22.5°	282.5	296.8	308.6	318.2	324.2	326.2	328.5	331.0	331.3	332.0	335.5
25°	275.2	296.1	313.7	328.7	342.8	352.6	358.1	363.2	364.4	365.4	365.4
27.5°	262.4	285.5	308.1	328.2	347.6	363.9	376.7	389.8	398.9	402.1	406.9
30°	248.8	273.2	296.6	322.0	346.6	369.5	392.6	413.7	428.5	439.6	448.4
32.5°	231.7	258.1	284.8	312.4	341.8	370.5	401.4	432.0	460.2	482.3	495.9
35°	213.9	241.5	269.2	299.6	332.8	367.4	406.9	447.6	485.3	521.3	552.2
37.5°	194.3	220.4	250.6	285.3	320.9	362.4	408.4	458.9	511.2	562.7	602.7
40°	171.9	197.3	226.4	262.9	306.1	352.9	407.7	467.7	533.3	597.4	661.8
42.5°	156.6	180.0	207.9	244.5	288.5	342.1	404.6	475.8	553.4	632.9	713.8
45°	145.0	167.9	195.3	230.5	275.2	331.5	403.6	484.8	574.5	665.5	760.0
47.5°	135.0	158.6	185.0	219.7	262.9	322.0	401.4	492.4	592.1	690.7	800.2
50°	125.2	149.3	176.4	211.4	253.8	311.7	396.3	499.1	608.7	716.8	833.4
52.5°	114.4	138.2	167.4	203.1	248.1	305.1	391.1	504.7	624.8	744.7	867.8
55°	102.8	126.9	155.6	193.3	240.3	300.1	385.8	508.2	641.6	769.8	898.8
57.5°	90.2	114.4	142.3	180.7	230.7	293.3	380.0	507.9	654.0	793.5	932.2
60°	74.9	96.8	124.4	163.1	214.1	283.8	375.2	505.9	662.8	814.3	969.4
62.5°	57.1	75.7	101.0	137.2	190.3	265.4	362.7	497.4	663.8	829.4	1000.3
65°	40.7	50.8	70.9	107.1	151.1	224.4	332.3	474.8	647.2	818.6	1003.1
67.5°	31.2	36.7	46.5	68.1	107.1	170.9	280.0	424.0	595.7	761.0	956.8
70°	26.9	29.7	34.9	44.5	67.1	110.8	198.3	335.0	490.6	654.7	821.9
72.5°	24.9	26.6	29.9	34.7	42.7	65.3	122.1	225.2	360.4	499.1	645.4
75°	22.9	24.6	27.1	30.2	34.2	43.7	66.6	132.5	222.4	329.7	433.8
77.5°	20.4	21.9	25.1	27.9	30.4	34.2	42.5	73.6	122.4	197.3	259.6
80°	17.1	18.6	21.1	25.4	27.9	30.4	33.2	45.2	67.6	102.0	133.2
82.5°	14.1	14.8	16.8	20.6	22.9	24.1	24.9	29.4	38.5	50.3	73.4
85°	9.8	9.8	11.3	13.3	15.1	14.1	14.3	15.1	19.9	27.9	56.3
87.5°	3.8	2.8	3.5	4.3	4.3	4.0	4.8	4.5	6.3	11.8	16.1
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: P141544  
 CATALOG NUMBER: ECM-F01-LED-E1-SLR-7030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4	0°
2.5°	256.9	256.9	256.6	256.4	256.1	256.1	255.6	256.4	256.1	256.4	256.6	2.5°
5°	262.1	261.6	261.1	260.6	260.6	260.1	259.4	259.1	258.1	257.9	257.1	5°
7.5°	269.7	269.7	269.7	269.2	268.2	266.9	265.4	264.4	261.6	259.6	257.4	7.5°
10°	271.7	272.2	272.4	272.7	271.7	271.4	269.7	267.7	264.4	261.4	258.4	10°
12.5°	272.4	273.4	273.7	274.0	273.2	272.7	270.9	269.7	266.9	263.9	262.4	12.5°
15°	279.5	281.2	283.3	283.0	285.3	282.7	281.2	281.5	278.5	275.2	274.2	15°
17.5°	297.6	298.3	302.6	302.9	306.4	307.4	304.9	302.1	300.3	298.3	294.1	17.5°
20°	317.2	322.7	324.2	331.8	335.3	337.0	337.3	337.3	334.0	325.2	321.7	20°
22.5°	338.5	346.8	355.9	360.7	367.9	369.0	372.7	370.5	367.9	361.2	353.1	22.5°
25°	373.0	377.8	385.8	397.9	401.4	408.7	407.2	410.4	404.9	393.1	388.3	25°
27.5°	411.4	419.7	431.0	442.3	447.4	455.4	450.4	455.4	446.4	443.1	431.5	27.5°
30°	453.4	464.7	484.8	498.9	509.2	514.7	511.5	508.7	506.2	500.1	499.4	30°
32.5°	504.9	518.5	537.6	555.9	574.0	592.9	597.4	601.4	610.7	592.4	574.5	32.5°
35°	568.5	578.8	600.2	621.3	646.2	669.8	708.8	718.6	706.0	684.1	655.5	35°
37.5°	630.6	654.0	675.3	700.5	719.1	746.2	763.5	782.9	772.3	752.0	719.1	37.5°
40°	706.7	738.4	767.6	798.5	819.6	840.7	873.4	894.5	892.5	867.1	822.6	40°
42.5°	776.6	826.9	875.1	898.3	926.4	964.6	988.7	1022.4	1024.7	995.3	938.7	42.5°
45°	849.8	908.3	967.1	1012.6	1036.5	1083.7	1139.0	1175.7	1187.0	1131.0	1073.2	45°
47.5°	907.1	998.3	1077.2	1125.7	1170.2	1219.0	1290.1	1343.1	1338.6	1262.9	1186.5	47.5°
50°	957.3	1073.4	1168.9	1248.9	1302.1	1358.4	1452.2	1515.5	1493.4	1397.1	1301.6	50°
52.5°	1002.8	1139.0	1257.2	1356.2	1418.3	1498.7	1617.1	1672.4	1609.5	1516.5	1398.4	52.5°
55°	1044.5	1198.3	1335.6	1454.7	1550.5	1654.3	1765.4	1803.3	1713.8	1599.0	1490.4	55°
57.5°	1083.0	1253.4	1407.7	1550.7	1679.1	1803.0	1899.8	1902.3	1790.0	1662.6	1559.0	57.5°
60°	1129.2	1303.9	1483.1	1650.2	1806.8	1935.5	1992.1	1974.2	1839.0	1710.1	1606.3	60°
62.5°	1174.0	1349.4	1544.7	1746.0	1934.7	2047.1	2058.4	2020.7	1872.7	1732.2	1641.7	62.5°
65°	1196.1	1384.1	1579.1	1806.8	2034.8	2113.7	2099.9	2040.8	1886.2	1735.4	1650.7	65°
67.5°	1163.7	1351.7	1546.2	1780.4	2034.3	2109.4	2073.7	2002.4	1853.3	1691.0	1608.8	67.5°
70°	1044.3	1226.5	1385.1	1605.5	1891.0	1965.2	1911.6	1841.0	1716.3	1557.5	1520.1	70°
72.5°	878.7	1013.9	1146.6	1309.4	1505.2	1570.1	1499.4	1534.6	1502.5	1348.6	1314.5	72.5°
75°	659.5	785.9	837.7	887.7	1022.9	1061.6	1034.5	1155.1	1188.0	1124.0	1036.7	75°
77.5°	431.5	564.2	573.8	574.8	630.1	704.2	802.5	927.9	990.2	961.3	855.5	77.5°
80°	251.6	397.6	355.6	342.1	391.1	473.8	603.4	760.5	843.0	849.0	748.0	80°
82.5°	126.4	249.3	215.9	213.6	241.3	302.4	397.1	484.8	592.1	597.2	610.5	82.5°
85°	98.3	171.4	175.4	190.3	209.6	235.0	242.0	257.6	317.4	372.7	387.0	85°
87.5°	51.0	126.2	148.8	173.2	170.9	140.0	118.1	127.4	148.3	156.3	203.1	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: P141544

NUMBER: ECM-F01-LED-E1-SLR-7030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
256.4	256.4	256.4	256.4	256.4	256.4	256.4
256.1	256.6	256.4	256.6	256.9	256.9	256.6
255.9	255.6	254.6	254.1	254.1	253.6	253.3
254.3	252.6	250.1	248.6	247.6	246.8	245.6
254.6	251.6	248.3	246.1	243.8	242.3	240.8
257.9	254.1	251.1	247.6	245.8	243.8	242.0
269.2	264.1	260.6	257.4	255.4	253.8	252.3
287.3	281.2	275.5	272.4	268.9	266.4	266.2
311.7	302.9	295.3	288.5	285.3	281.2	280.5
339.3	326.5	318.4	310.9	306.4	301.6	301.8
374.5	361.7	348.6	340.8	334.3	335.0	334.3
416.7	406.7	391.6	382.0	380.0	372.2	366.4
482.6	467.5	449.1	432.0	421.2	408.4	396.3
547.1	519.3	494.9	478.3	464.5	445.6	426.8
611.0	578.8	556.2	542.1	520.8	494.4	465.0
686.9	665.8	649.7	615.3	584.8	544.4	499.9
796.5	769.8	731.4	687.6	643.7	586.4	525.5
905.5	873.4	819.6	755.3	692.2	623.0	545.6
1023.9	961.8	891.7	813.8	736.1	650.4	559.5
1117.2	1039.8	952.3	858.8	771.1	673.1	571.5
1212.4	1118.9	1009.1	903.8	802.8	691.4	583.6
1287.3	1183.0	1067.2	944.8	832.2	712.0	600.2
1362.2	1246.9	1119.2	985.7	868.6	740.7	625.1
1424.5	1304.7	1169.4	1030.5	910.8	778.9	665.8
1506.7	1385.8	1228.5	1083.5	958.6	830.9	717.3
1584.9	1481.1	1310.7	1145.8	1016.9	889.7	775.9
1636.4	1588.7	1394.9	1208.4	1071.7	944.8	827.4
1637.4	1657.0	1483.6	1259.2	1122.9	1004.6	869.6
1598.0	1666.6	1502.5	1263.7	1147.3	1031.2	891.7
1461.5	1549.0	1389.6	1174.5	1102.1	1010.4	867.3
1130.5	1193.8	1111.4	995.5	998.0	944.5	771.8
782.6	842.5	773.1	748.5	803.5	773.6	576.3
592.9	515.7	488.6	501.7	570.3	567.0	362.4
528.0	390.3	323.7	339.8	402.6	367.7	201.8
433.0	389.3	325.5	294.3	306.9	251.1	138.0
249.3	284.8	232.0	218.7	190.3	113.1	56.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)