

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: McGRAW-EDISON

Report Number: P228781

Luminaire Tested: **ISC-AF-350-LED-E1-RW-8030-ULG**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P228781
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29765)-DOWNLIGHT AND
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISC-AF-350-LED-E1-RW-8030-ULG
Description: IMPACT ELITE LED CYLINDER LUMINAIRE WITH UPLIGHT
LIGHT SQUARE WITH ACCULED OPTICS-RECTANGULAR WIDE TYPE I, WITH UPLIGHT
GLOW
Light Source: (16) 3000K CCT, 80 CRI LEDs and (1) UPLIGHT LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3368.2 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.54')
IES Classification: Type II - Medium - Non-Cutoff
BUG Rating: B1 - U5 - G1

Input Watts (W): 36.79
Input Voltage (V): 120
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

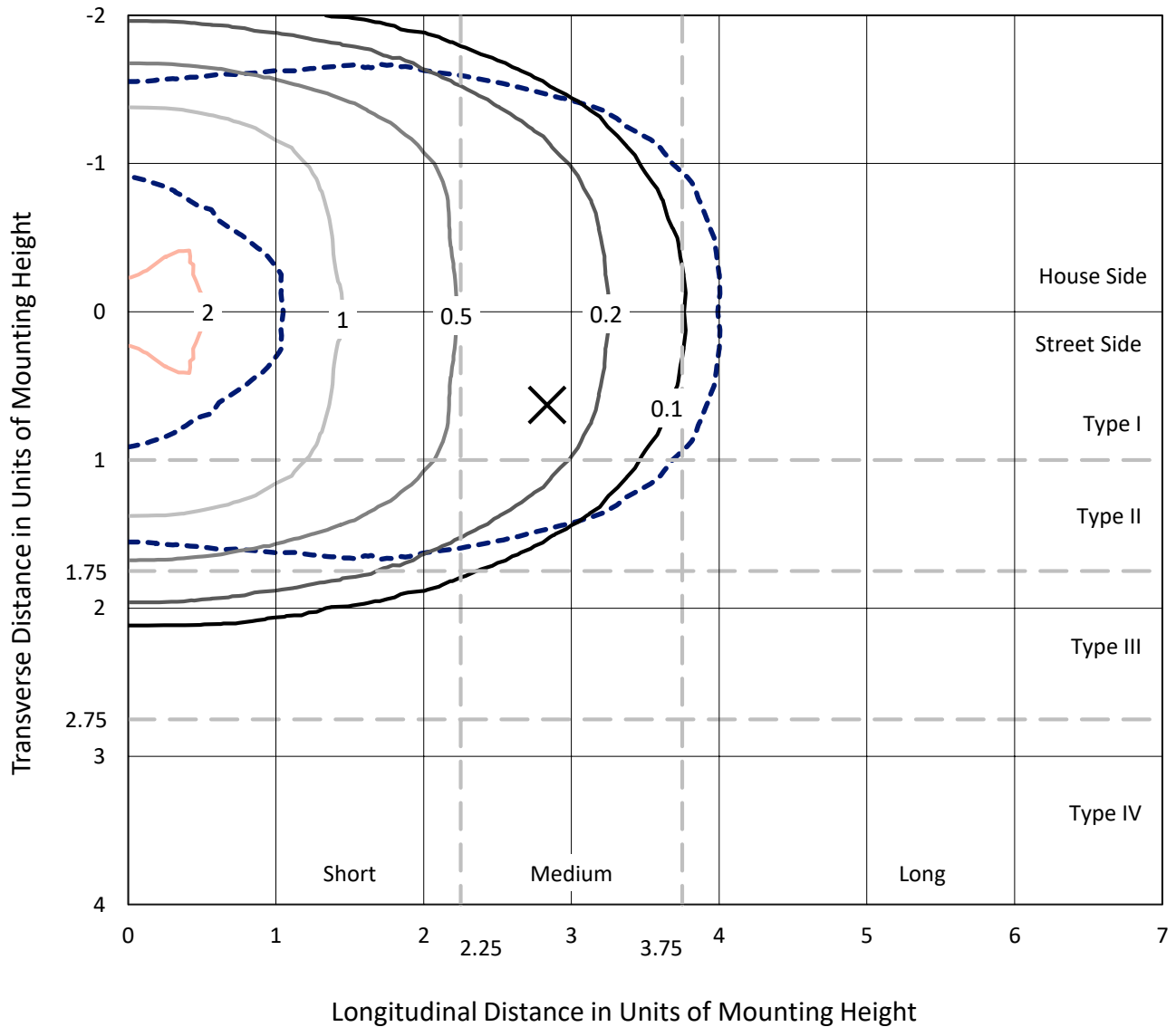


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

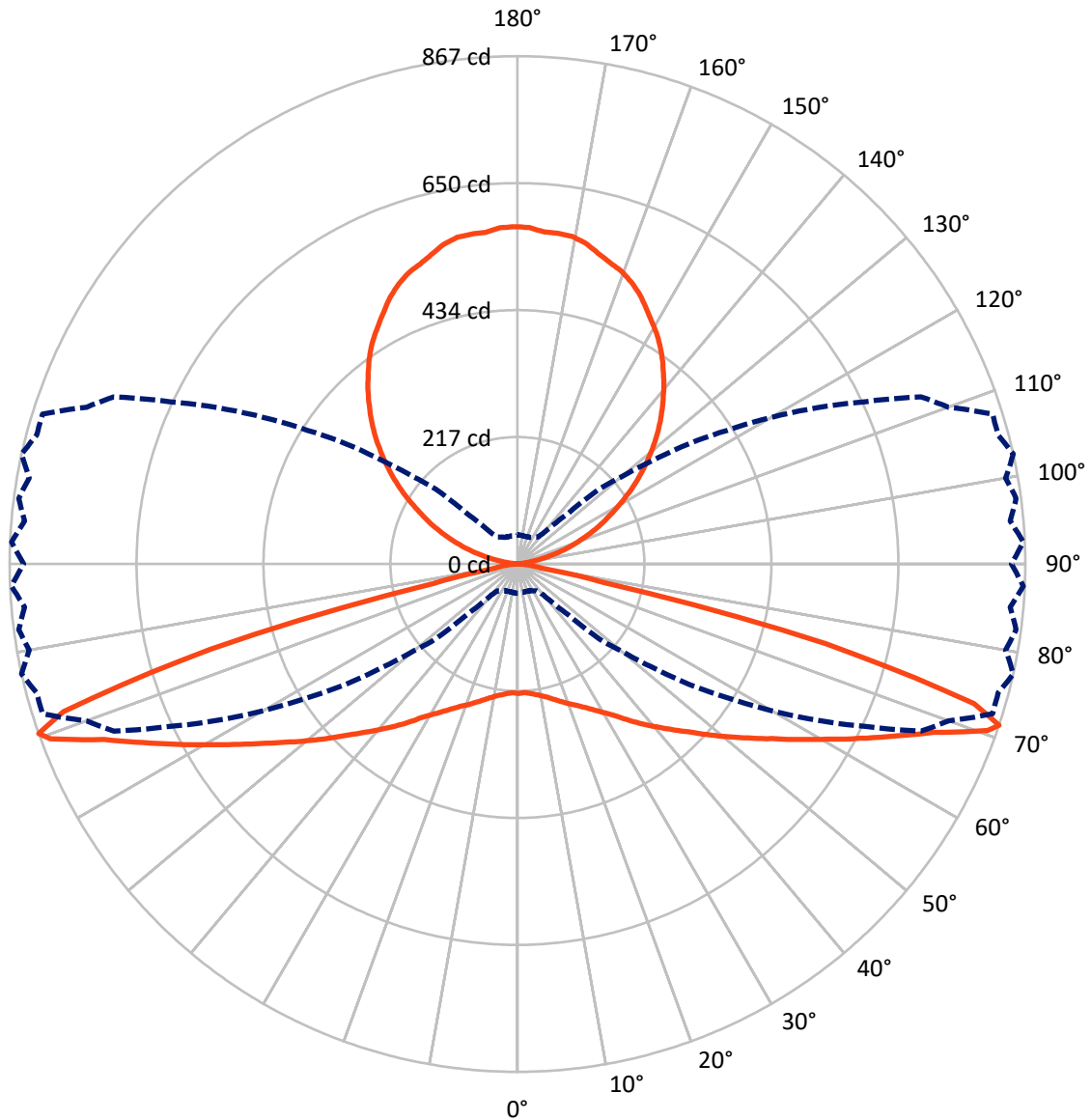


Based on 10 foot mounting height. Maximum calculated value = 2.3 fc
 Type II - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 77.5-Deg Lateral - - - Horizontal Cone Through 71-Deg Vertical

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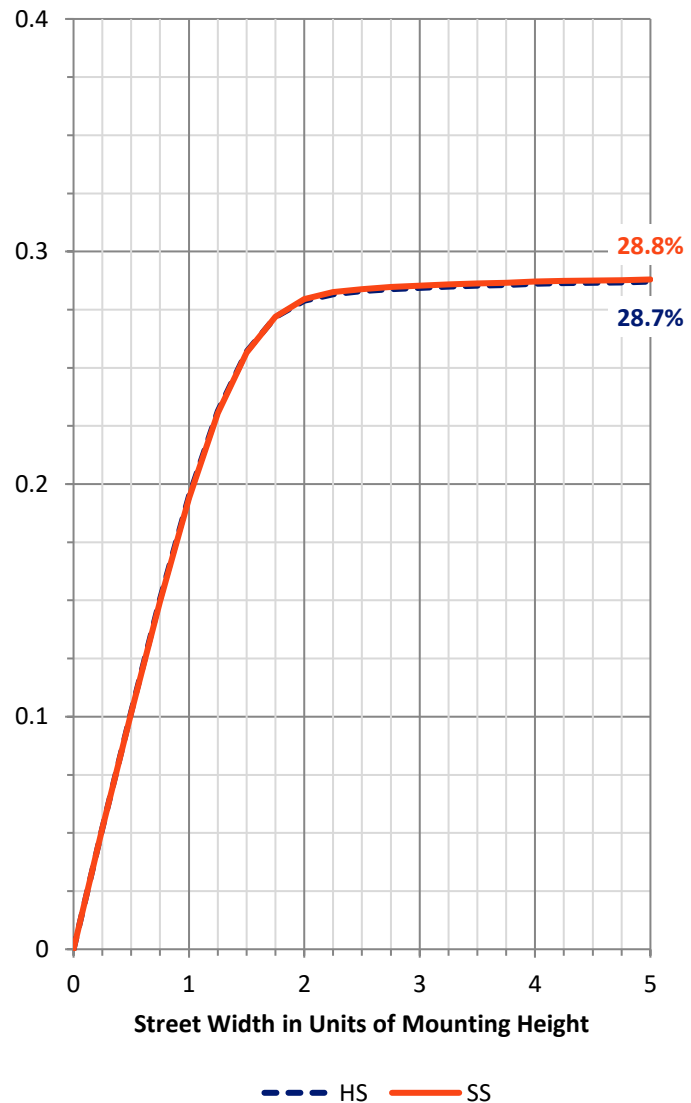
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	971.0	713.1	1684.1
	% Fixture	28.8	21.2	50.0
Street Side	Lumens	971.0	713.1	1684.1
	% Fixture	28.8	21.2	50.0
Total	Lumens	1942.0	1426.2	3368.2
	% Fixture	57.7	42.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.4	0.6
10°-20°	66.8	2.0
20°-30°	124.9	3.7
30°-40°	217.4	6.5
40°-50°	354.8	10.5
50°-60°	489.6	14.5
60°-70°	464.4	13.8
70°-80°	191.2	5.7
80°-90°	11.5	0.3
90°-100°	4.7	0.1
100°-110°	69.0	2.0
110°-120°	153.0	4.5
120°-130°	223.9	6.6
130°-140°	265.6	7.9
140°-150°	269.3	8.0
150°-160°	231.1	6.9
160°-170°	155.1	4.6
170°-180°	54.3	1.6
0°-90°	1942.0	57.7
0°-180°	3368.2	100.0



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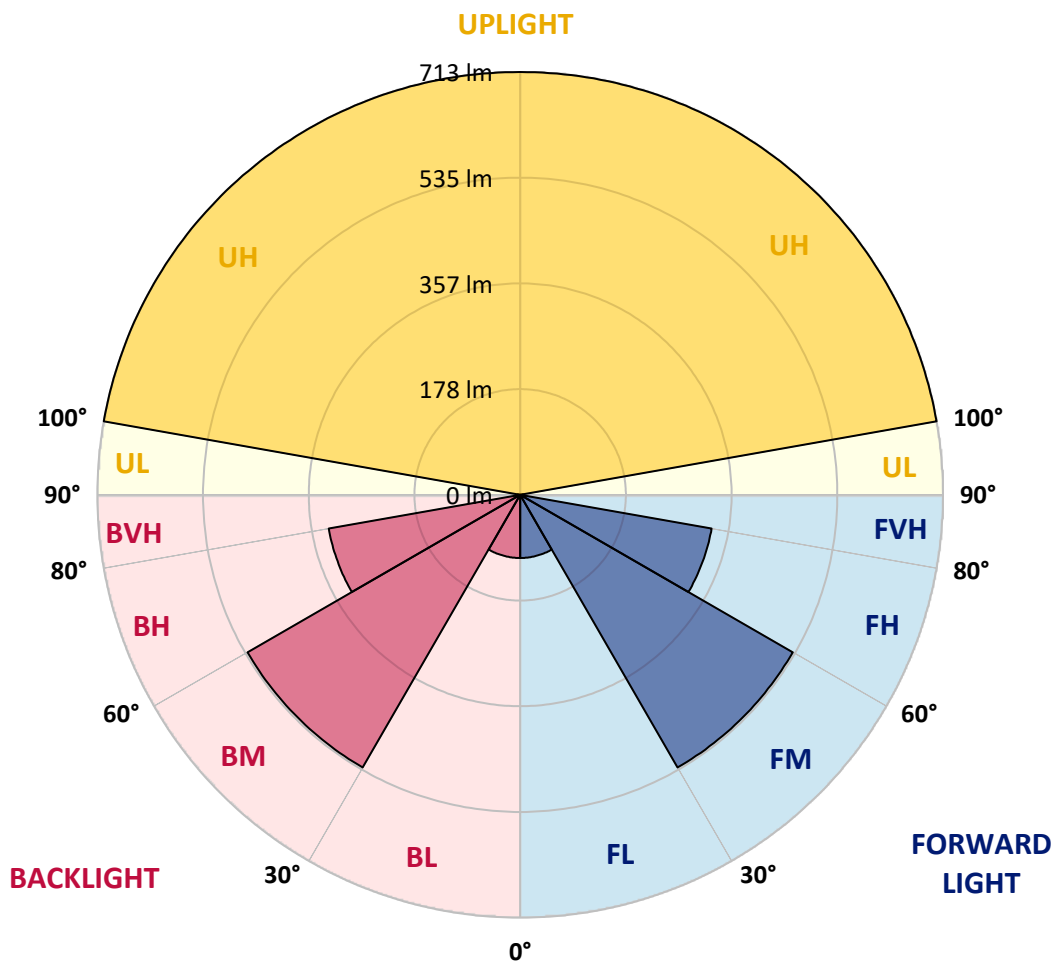
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	106.5	3.2			
FM	(30°-60°)	530.9	15.8			
FH	(60°-80°)	327.8	9.7			G0/660
FVH	(80°-90°)	5.8	0.2			G0/10
BL	(0°-30°)	106.5	3.2	B0/110		
BM	(30°-60°)	530.9	15.8	B1/1000		
BH	(60°-80°)	327.8	9.7	B1/500		G1/500
BVH	(80°-90°)	5.8	0.2			G0/10
UL	(90°-100°)	4.7	0.1		U1/10	
UH	(100°-180°)	713.1	21.2		U4/1000	

BUG Rating: B1-U5-G1

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1
2.5°	220.5	219.8	220.5	220.5	221.1	221.1	221.1	221.1	220.5	221.8	221.8
5°	220.5	220.5	221.1	221.1	222.4	223.7	221.8	222.4	223.1	222.4	223.7
7.5°	220.5	220.5	220.5	221.8	223.7	225.0	223.7	224.3	225.6	225.6	226.9
10°	218.6	217.9	219.2	221.8	225.0	226.9	226.3	228.8	228.2	228.8	230.1
12.5°	215.3	215.3	217.9	221.8	227.6	228.8	229.5	230.8	232.7	232.1	234.0
15°	216.0	216.6	219.2	224.3	231.4	232.7	233.3	233.3	236.6	235.3	239.1
17.5°	220.5	221.1	223.7	228.8	237.2	237.2	237.8	239.1	243.6	241.1	246.2
20°	227.6	228.2	230.8	236.6	244.3	243.6	244.9	246.2	252.0	249.4	254.6
22.5°	235.9	237.2	240.4	246.8	255.2	251.3	253.9	256.5	262.3	257.8	264.8
25°	247.5	249.4	252.6	259.7	268.7	264.2	266.8	268.7	275.1	268.7	275.8
27.5°	264.2	265.5	268.1	275.8	283.5	280.3	281.6	282.8	290.6	283.5	291.2
30°	284.1	286.1	288.6	295.7	303.4	298.3	300.8	302.1	308.6	301.5	307.9
32.5°	309.2	311.1	314.3	320.8	327.2	319.5	320.1	322.1	328.5	321.4	328.5
35°	338.8	340.1	344.6	352.3	356.8	344.6	345.2	345.2	353.6	343.9	351.6
37.5°	369.6	370.9	376.1	383.8	388.9	375.4	375.4	376.1	383.8	372.8	379.9
40°	401.8	405.6	411.4	419.1	423.0	407.5	408.8	408.2	417.2	404.3	411.4
42.5°	433.9	437.1	445.5	454.5	459.0	443.5	444.2	442.3	451.3	437.8	443.5
45°	461.5	464.1	474.4	487.3	494.3	478.3	478.3	478.3	487.3	470.5	477.6
47.5°	484.0	486.0	496.9	515.5	527.1	511.0	512.3	509.8	523.3	502.7	512.3
50°	500.1	500.8	514.9	536.1	556.0	541.3	543.2	544.5	557.3	539.3	547.7
52.5°	505.3	506.5	522.6	548.3	577.3	567.6	574.7	577.3	588.8	569.5	581.1
55°	487.3	490.5	514.9	552.8	592.0	588.8	597.2	602.3	617.1	601.0	613.3
57.5°	426.8	430.7	464.8	527.1	595.3	600.4	612.0	620.3	641.5	631.9	645.4
60°	340.7	343.9	378.6	453.8	554.8	586.3	612.6	636.4	658.3	660.2	677.5
62.5°	234.0	238.5	271.9	343.9	466.7	508.5	546.4	585.6	622.3	666.6	689.1
65°	114.4	117.0	145.3	214.7	342.6	396.0	440.3	495.6	529.7	593.3	630.0
67.5°	63.0	63.0	67.5	89.4	183.2	235.9	283.5	352.9	387.6	466.0	513.0
70°	52.7	52.7	51.4	54.6	69.4	82.3	106.7	146.6	194.8	273.8	316.3
71°	50.1	49.5	48.9	50.1	55.9	58.5	68.8	90.0	122.1	189.0	230.8
72.5°	46.9	45.6	43.7	44.4	47.6	47.6	49.5	52.7	64.9	88.7	118.9
75°	40.5	39.2	37.3	37.3	37.9	38.6	39.2	40.5	41.1	42.4	47.6
77.5°	33.4	32.1	30.2	30.2	29.6	30.2	31.5	32.1	30.9	33.4	34.1
80°	25.7	23.8	23.1	23.1	22.5	21.9	21.9	21.9	22.5	23.8	24.4
82.5°	16.1	14.8	15.4	14.8	14.1	14.1	14.1	14.1	14.8	14.8	16.1
85°	7.7	7.7	8.4	7.7	6.4	6.4	5.8	5.1	5.8	5.1	6.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	2.0	2.0	2.0	3.0	4.0	5.2	6.5	7.8	9.0	10.0	11.0
100°	8.0	8.0	10.0	14.0	22.0	24.0	26.0	28.0	30.0	30.5	31.0
102.5°	28.0	28.0	32.0	38.0	45.0	46.2	47.5	48.8	50.0	50.2	50.5
105°	54.0	54.0	56.0	61.0	66.0	67.0	68.0	69.0	70.0	70.2	70.5
107.5°	78.0	77.0	80.0	84.0	88.0	88.8	89.5	90.2	91.0	91.5	92.0



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CATALOG NUMBER: ISC-AF-350-LED-E1-RW-8030-ULG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
110°	101.0	102.0	103.0	106.0	110.0	110.5	111.0	111.5	112.0	112.5	113.0
112.5°	124.0	124.0	126.0	129.0	132.0	132.5	133.0	133.5	134.0	134.5	135.0
115°	146.0	147.0	149.0	151.0	154.0	154.5	155.0	155.5	156.0	156.5	157.0
117.5°	169.0	170.0	172.0	174.0	177.0	177.5	178.0	178.5	179.0	179.2	179.5
120°	193.0	195.0	196.0	198.0	201.0	201.2	201.5	201.8	202.0	202.5	203.0
122.5°	219.0	220.0	221.0	223.0	226.0	226.2	226.5	226.8	227.0	227.2	227.5
125°	244.0	246.0	247.0	248.0	251.0	251.2	251.5	251.8	252.0	252.2	252.5
127.5°	267.0	269.0	270.0	272.0	274.0	274.5	275.0	275.5	276.0	276.5	277.0
130°	290.0	292.0	293.0	294.0	298.0	298.2	298.5	298.8	299.0	299.5	300.0
132.5°	313.0	314.0	317.0	318.0	321.0	321.2	321.5	321.8	322.0	322.8	323.5
135°	336.0	337.0	339.0	341.0	345.0	345.0	345.0	345.0	345.0	345.8	346.5
137.5°	359.0	360.0	363.0	364.0	367.0	367.0	367.0	367.0	367.0	367.5	368.0
140°	382.0	383.0	385.0	386.0	388.0	388.2	388.5	388.8	389.0	389.2	389.5
142.5°	404.0	406.0	408.0	407.0	410.0	410.0	410.0	410.0	410.0	410.5	411.0
145°	425.0	426.0	428.0	428.0	431.0	431.2	431.5	431.8	432.0	432.5	433.0
147.5°	444.0	444.0	447.0	448.0	452.0	452.2	452.5	452.8	453.0	453.2	453.5
150°	461.0	462.0	464.0	465.0	469.0	469.2	469.5	469.8	470.0	470.2	470.5
152.5°	479.0	480.0	483.0	482.0	485.0	485.2	485.5	485.8	486.0	486.2	486.5
155°	499.0	500.0	502.0	501.0	503.0	503.0	503.0	503.0	503.0	503.2	503.5
157.5°	513.0	515.0	517.0	516.0	519.0	519.0	519.0	519.0	519.0	519.0	519.0
160°	525.0	527.0	529.0	529.0	532.0	532.0	532.0	532.0	532.0	532.0	532.0
162.5°	535.0	536.0	539.0	538.0	541.0	541.0	541.0	541.0	541.0	541.2	541.5
165°	546.0	547.0	549.0	548.0	552.0	552.0	552.0	552.0	552.0	552.2	552.5
167.5°	555.0	556.0	559.0	558.0	561.0	560.8	560.5	560.2	560.0	560.0	560.0
170°	562.0	563.0	566.0	565.0	567.0	566.8	566.5	566.2	566.0	565.8	565.5
172.5°	565.0	566.0	569.0	567.0	569.0	568.8	568.5	568.2	568.0	568.2	568.5
175°	567.0	569.0	570.0	569.0	572.0	572.0	572.0	572.0	572.0	572.2	572.5
177.5°	572.0	573.0	575.0	574.0	578.0	577.8	577.5	577.2	577.0	577.0	577.0
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0



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CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1
2.5°	219.8	221.1	220.5	221.1	219.8	221.1	219.2	221.1	220.5	221.1	219.8
5°	221.8	223.7	221.8	224.3	221.8	224.3	221.8	224.3	222.4	224.3	221.8
7.5°	223.7	227.6	225.0	228.2	225.0	228.8	225.0	228.8	226.3	229.5	225.0
10°	227.6	232.1	228.2	232.1	228.2	232.7	228.2	233.3	229.5	234.6	228.8
12.5°	230.8	235.9	232.1	237.2	231.4	238.5	232.7	240.4	234.0	241.7	234.0
15°	235.3	241.7	237.8	243.6	237.8	245.6	238.5	247.5	240.4	248.8	240.4
17.5°	241.7	248.8	243.6	250.7	244.3	252.6	244.9	254.6	247.5	255.8	247.5
20°	250.7	256.5	251.3	259.1	252.0	259.7	253.3	261.0	255.2	262.9	255.2
22.5°	261.0	266.1	262.3	266.8	260.3	266.8	260.3	266.8	262.3	268.7	262.3
25°	272.6	276.4	271.9	276.4	270.6	275.8	270.0	275.1	270.6	276.4	271.9
27.5°	288.0	289.9	284.8	288.6	281.6	286.7	280.3	285.4	280.9	286.1	282.8
30°	304.7	306.6	301.5	304.1	296.3	299.6	292.5	297.0	293.1	297.0	295.1
32.5°	323.3	325.9	320.1	321.4	315.0	315.6	309.8	311.8	308.6	309.8	309.2
35°	344.6	347.8	341.3	343.3	336.2	336.2	331.1	330.4	329.1	327.8	327.8
37.5°	371.6	372.8	367.7	367.7	359.3	359.3	352.9	352.9	350.3	347.8	346.5
40°	401.1	401.8	393.4	392.8	384.4	384.4	377.3	375.4	370.9	367.7	365.8
42.5°	432.6	432.0	419.8	421.0	408.8	409.5	400.5	398.6	394.1	390.2	386.3
45°	464.8	462.2	450.0	449.3	435.2	435.8	424.9	423.6	417.2	413.3	408.8
47.5°	497.5	496.3	482.8	479.5	464.8	464.1	450.0	450.0	443.5	439.7	435.2
50°	531.6	531.0	515.5	513.6	498.2	495.6	478.9	478.9	471.2	469.9	463.5
52.5°	568.9	566.3	549.6	549.0	534.2	532.3	514.3	513.0	501.4	500.8	493.7
55°	605.5	601.0	590.1	585.0	570.2	569.5	553.5	550.3	535.5	535.5	526.5
57.5°	639.0	635.1	626.1	621.6	607.5	605.5	588.2	588.2	575.3	574.7	565.0
60°	673.7	675.0	665.3	663.4	649.9	649.3	631.9	631.9	619.0	618.4	607.5
62.5°	703.2	716.1	712.2	713.5	702.0	700.0	682.7	681.4	666.6	664.7	655.7
65°	674.3	719.3	748.2	767.5	766.2	765.6	748.9	746.3	727.7	722.5	707.7
67.5°	566.3	624.8	677.5	735.4	777.8	810.0	819.6	815.7	799.7	784.9	766.9
70°	379.3	446.8	513.6	585.6	658.3	729.0	801.6	833.1	866.5	855.0	851.7
71°	288.6	358.1	424.9	500.8	577.9	656.3	745.7	783.0	850.5	849.8	867.2
72.5°	162.6	224.3	295.7	361.9	434.5	515.5	607.5	648.6	745.7	765.0	815.1
75°	52.1	71.4	94.5	149.1	194.1	268.1	336.2	377.3	441.6	473.8	543.8
77.5°	34.7	38.6	39.9	46.3	52.1	73.9	100.3	122.8	135.0	141.4	148.5
80°	25.1	27.0	28.3	31.5	32.1	36.0	36.0	39.9	39.2	41.8	39.9
82.5°	16.1	18.0	18.6	19.9	20.6	23.1	24.4	27.0	27.0	28.3	27.6
85°	7.7	9.0	9.0	10.3	10.3	12.2	12.2	14.1	14.1	16.1	15.4
87.5°	0.6	0.6	0.6	1.3	1.3	1.3	1.9	2.6	2.6	2.6	2.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	12.0	13.0	11.5	10.0	8.5	7.0	6.5	6.0	5.5	5.0	4.8
100°	31.5	32.0	31.5	31.0	30.5	30.0	29.2	28.5	27.8	27.0	26.8
102.5°	50.8	51.0	50.8	50.5	50.2	50.0	49.5	49.0	48.5	48.0	48.2
105°	70.8	71.0	71.0	71.0	71.0	71.0	70.5	70.0	69.5	69.0	69.5
107.5°	92.5	93.0	92.8	92.5	92.2	92.0	91.8	91.5	91.2	91.0	91.2

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CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
110°	113.5	114.0	114.0	114.0	114.0	114.0	113.8	113.5	113.2	113.0	113.2
112.5°	135.5	136.0	136.0	136.0	136.0	136.0	135.8	135.5	135.2	135.0	135.5
115°	157.5	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.5
117.5°	179.8	180.0	180.2	180.5	180.8	181.0	180.8	180.5	180.2	180.0	180.5
120°	203.5	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.5
122.5°	227.8	228.0	228.0	228.0	228.0	228.0	228.2	228.5	228.8	229.0	230.0
125°	252.8	253.0	253.2	253.5	253.8	254.0	254.0	254.0	254.0	254.0	254.8
127.5°	277.5	278.0	277.8	277.5	277.2	277.0	277.2	277.5	277.8	278.0	278.8
130°	300.5	301.0	301.0	301.0	301.0	301.0	301.2	301.5	301.8	302.0	302.8
132.5°	324.2	325.0	325.0	325.0	325.0	325.0	325.2	325.5	325.8	326.0	326.8
135°	347.2	348.0	348.0	348.0	348.0	348.0	348.2	348.5	348.8	349.0	349.5
137.5°	368.5	369.0	369.0	369.0	369.0	369.0	369.2	369.5	369.8	370.0	371.0
140°	389.8	390.0	390.0	390.0	390.0	390.0	390.5	391.0	391.5	392.0	393.0
142.5°	411.5	412.0	412.0	412.0	412.0	412.0	412.2	412.5	412.8	413.0	413.8
145°	433.5	434.0	433.8	433.5	433.2	433.0	433.2	433.5	433.8	434.0	434.8
147.5°	453.8	454.0	453.5	453.0	452.5	452.0	452.2	452.5	452.8	453.0	453.8
150°	470.8	471.0	470.5	470.0	469.5	469.0	469.0	469.0	469.0	469.0	470.0
152.5°	486.8	487.0	486.8	486.5	486.2	486.0	486.0	486.0	486.0	486.0	486.8
155°	503.8	504.0	503.8	503.5	503.2	503.0	503.2	503.5	503.8	504.0	504.8
157.5°	519.0	519.0	518.5	518.0	517.5	517.0	517.2	517.5	517.8	518.0	519.2
160°	532.0	532.0	531.5	531.0	530.5	530.0	530.0	530.0	530.0	530.0	530.8
162.5°	541.8	542.0	541.5	541.0	540.5	540.0	539.5	539.0	538.5	538.0	538.5
165°	552.8	553.0	552.2	551.5	550.8	550.0	549.5	549.0	548.5	548.0	548.5
167.5°	560.0	560.0	559.5	559.0	558.5	558.0	558.2	558.5	558.8	559.0	560.0
170°	565.2	565.0	564.8	564.5	564.2	564.0	564.5	565.0	565.5	566.0	567.2
172.5°	568.8	569.0	568.5	568.0	567.5	567.0	567.2	567.5	567.8	568.0	568.8
175°	572.8	573.0	572.2	571.5	570.8	570.0	569.5	569.0	568.5	568.0	568.8
177.5°	577.0	577.0	576.2	575.5	574.8	574.0	574.0	574.0	574.0	574.0	574.8
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

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CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
0°	221.1	221.1	221.1	221.1	221.1
2.5°	221.8	221.1	221.8	220.5	221.8
5°	225.0	222.4	225.6	222.4	225.6
7.5°	230.1	226.9	230.8	225.6	230.1
10°	234.6	230.1	235.3	230.1	234.6
12.5°	242.3	235.3	243.6	235.3	243.6
15°	250.1	241.7	252.0	243.0	251.3
17.5°	257.1	249.4	259.1	250.1	258.4
20°	263.6	256.5	264.8	255.8	264.8
22.5°	270.0	265.5	271.9	265.5	271.9
25°	278.3	275.1	279.6	275.1	279.6
27.5°	288.0	286.7	289.3	286.1	289.9
30°	298.9	299.6	300.2	299.6	300.8
32.5°	312.4	315.6	314.3	314.3	314.3
35°	331.1	336.8	333.0	334.3	333.6
37.5°	348.4	356.8	351.6	353.6	352.3
40°	367.7	373.5	372.2	372.2	370.9
42.5°	388.9	396.0	394.1	394.7	393.4
45°	412.0	418.5	415.9	415.3	415.9
47.5°	438.4	445.5	442.3	441.6	442.3
50°	466.0	474.4	471.8	470.5	471.8
52.5°	496.3	506.5	505.3	504.0	505.9
55°	531.6	541.3	540.0	541.3	541.9
57.5°	567.0	577.9	575.3	578.5	579.8
60°	611.3	617.8	618.4	619.0	619.7
62.5°	656.3	658.9	660.8	662.8	663.4
65°	708.4	709.0	710.3	708.4	710.3
67.5°	758.5	754.0	753.4	755.3	756.6
70°	836.3	836.3	829.9	838.9	831.2
71°	846.6	858.8	844.7	864.6	843.4
72.5°	796.5	819.0	802.9	820.9	799.7
75°	554.1	606.2	605.5	631.3	610.7
77.5°	153.6	144.0	153.6	132.4	126.6
80°	41.8	37.9	41.1	34.7	39.2
82.5°	27.6	23.8	23.1	18.6	19.9
85°	16.1	12.2	12.2	9.6	10.3
87.5°	2.6	0.6	2.6	1.3	1.9
90°	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0
97.5°	4.5	4.2	4.0	4.0	4.0
100°	26.5	26.2	26.0	25.5	25.0
102.5°	48.5	48.8	49.0	48.5	48.0
105°	70.0	70.5	71.0	70.0	69.0
107.5°	91.5	91.8	92.0	91.5	91.0



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CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
110°	113.5	113.8	114.0	113.5	113.0
112.5°	136.0	136.5	137.0	136.0	135.0
115°	159.0	159.5	160.0	159.5	159.0
117.5°	181.0	181.5	182.0	181.0	180.0
120°	205.0	205.5	206.0	205.0	204.0
122.5°	231.0	232.0	233.0	232.5	232.0
125°	255.5	256.2	257.0	256.5	256.0
127.5°	279.5	280.2	281.0	279.5	278.0
130°	303.5	304.2	305.0	304.0	303.0
132.5°	327.5	328.2	329.0	328.0	327.0
135°	350.0	350.5	351.0	350.5	350.0
137.5°	372.0	373.0	374.0	373.0	372.0
140°	394.0	395.0	396.0	395.0	394.0
142.5°	414.5	415.2	416.0	415.5	415.0
145°	435.5	436.2	437.0	436.0	435.0
147.5°	454.5	455.2	456.0	454.5	453.0
150°	471.0	472.0	473.0	471.5	470.0
152.5°	487.5	488.2	489.0	487.5	486.0
155°	505.5	506.2	507.0	506.0	505.0
157.5°	520.5	521.8	523.0	521.5	520.0
160°	531.5	532.2	533.0	532.0	531.0
162.5°	539.0	539.5	540.0	538.5	537.0
165°	549.0	549.5	550.0	549.0	548.0
167.5°	561.0	562.0	563.0	562.0	561.0
170°	568.5	569.8	571.0	570.0	569.0
172.5°	569.5	570.2	571.0	569.5	568.0
175°	569.5	570.2	571.0	569.5	568.0
177.5°	575.5	576.2	577.0	575.5	574.0
180°	576.0	576.0	576.0	576.0	576.0

(END OF REPORT)