

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: P1245506

Luminaire Tested: **TT-D7-AMB-U-DL-CG-HSS**

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245506
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D7-AMB-U-DL-CG-HSS
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND DRIVE LANE DISTRIBUTION WITH CLEAR GLASS AND
HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1447 lumens
Efficiency: N/A
Efficacy: 29.5 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U1 - G1

Input Watts (W): 49.1
Input Voltage (V): 120.0
Input Current (Ain): 0.417
Voltage Rise (V): NR
Power Factor: 0.979
Total Harmonic Distortion (THDi): 13.88%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



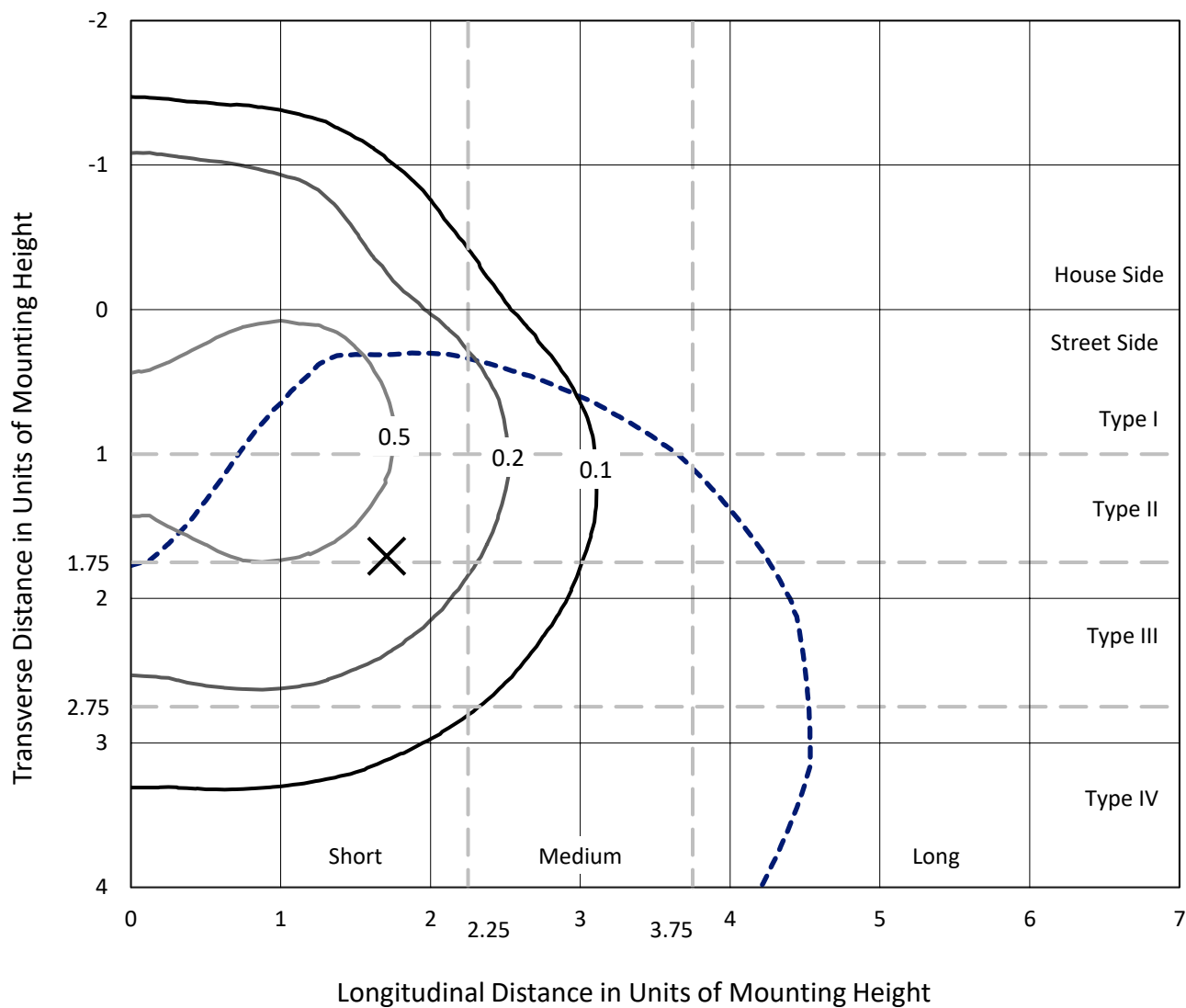
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

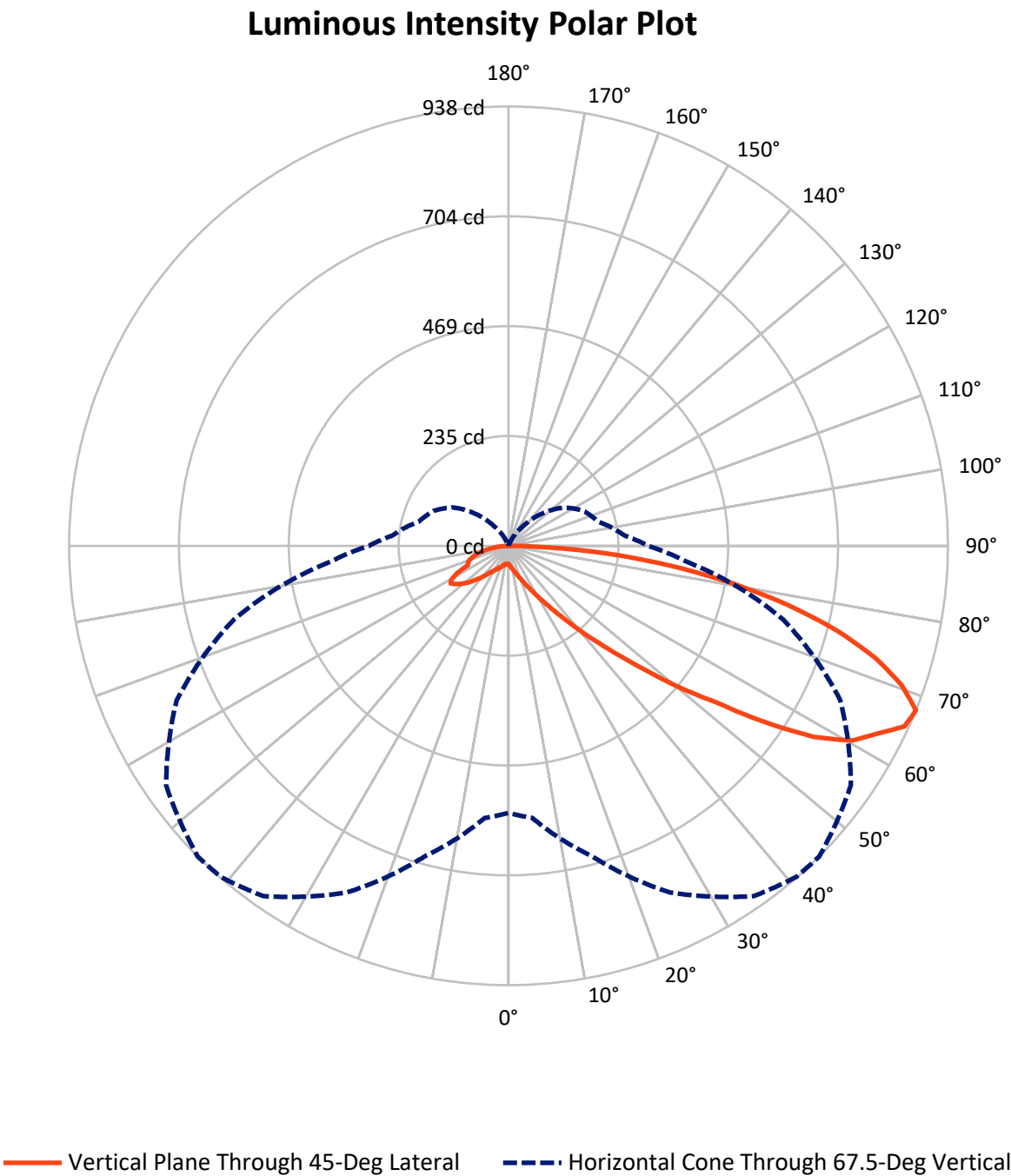
--- 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.9 fc

Type IV - Short - N/A

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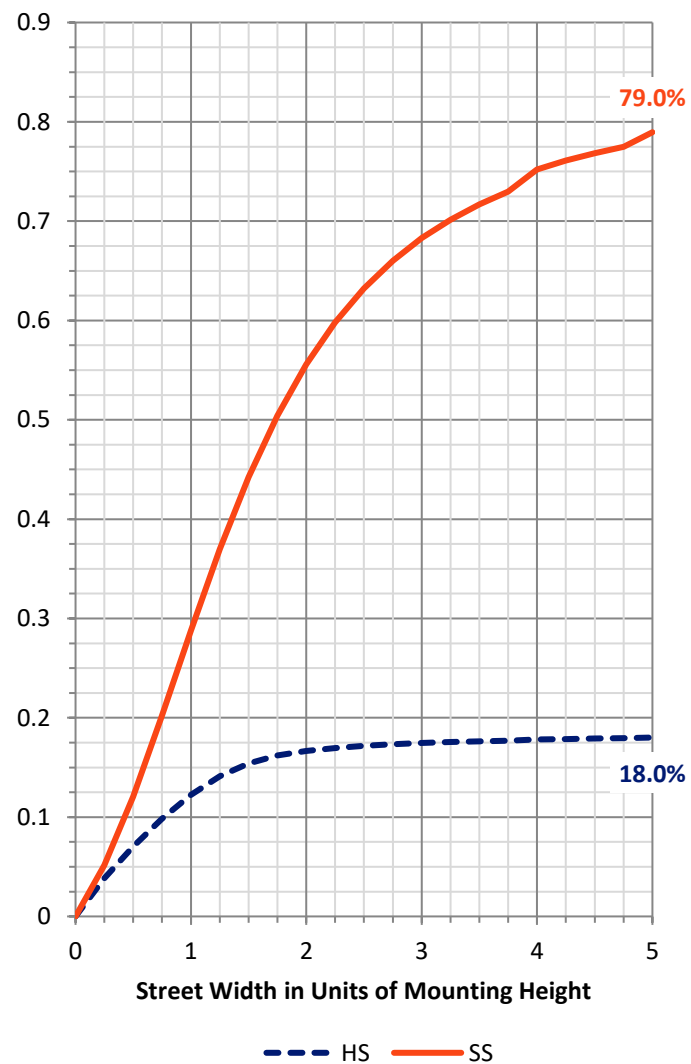
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	262.9	0.3	263.2
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	1180.6	3.2	1183.8
	% Fixture	81.6	0.2	81.8
Total	Lumens	1443.5	3.5	1447.0
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.3
10°-20°	15.2	1.1
20°-30°	35.1	2.4
30°-40°	74.9	5.2
40°-50°	156.7	10.8
50°-60°	297.3	20.5
60°-70°	404.6	28.0
70°-80°	347.8	24.0
80°-90°	107.9	7.5
90°-100°	2.3	0.2
100°-110°	0.7	0.0
110°-120°	0.2	0.0
120°-130°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1443.5	99.8
0°-180°	1447.0	100.0

Coefficient of Utilization



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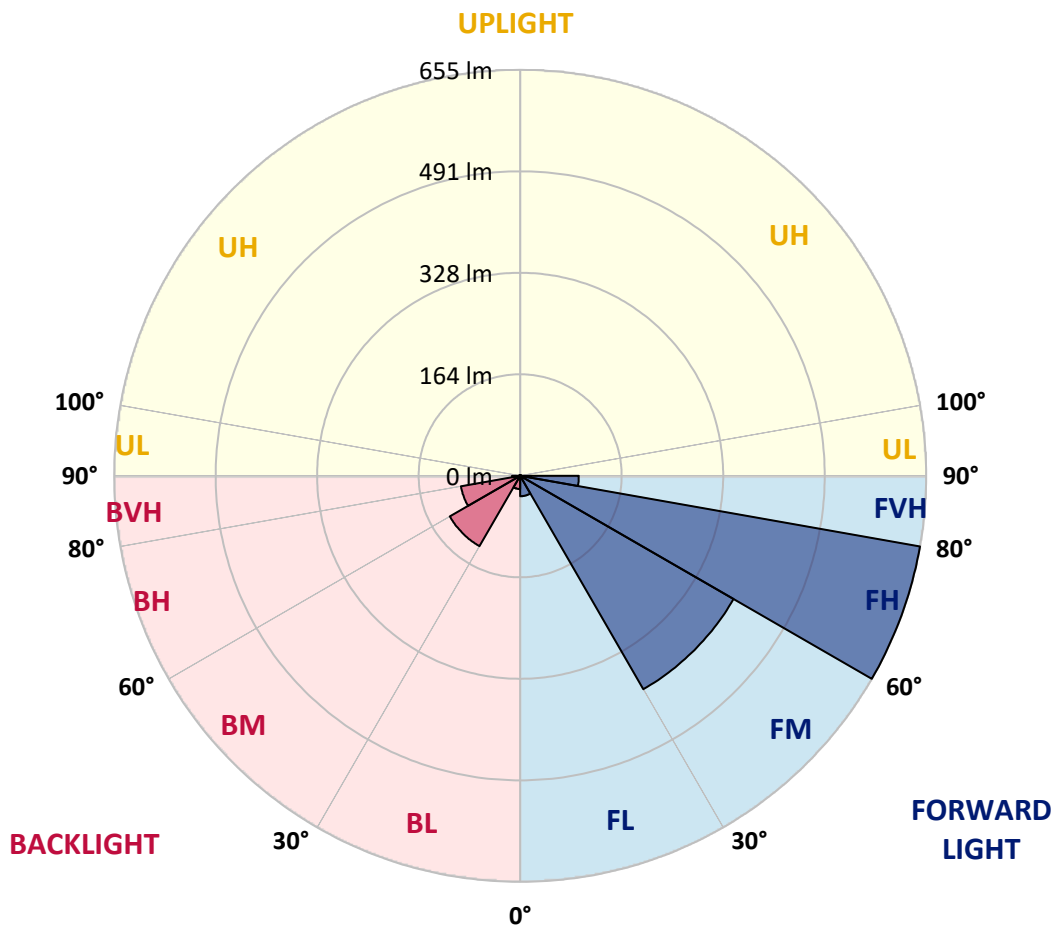
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	33.0	2.3			
FM	(30°-60°)	397.7	27.5			
FH	(60°-80°)	655.3	45.3			G0/660
FVH	(80°-90°)	94.6	6.5			G1/100
BL	(0°-30°)	21.4	1.5	B0/110		
BM	(30°-60°)	131.1	9.1	B0/220		
BH	(60°-80°)	97.1	6.7	B0/110		G0/110
BVH	(80°-90°)	13.2	0.9			G1/100
UL	(90°-100°)	2.3	0.2		U1/10	
UH	(100°-180°)	1.2	0.1		U1/10	

BUG Rating: B0-U1-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	41°	45°	55°	65°	75°	85°
0°	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
2.5°	43.0	42.7	42.7	42.4	42.4	41.7	41.7	41.4	41.1	40.8	40.2
5°	46.0	45.7	45.7	45.4	45.1	44.5	44.2	43.6	43.0	42.4	41.7
7.5°	49.7	49.4	49.4	49.1	48.5	47.6	47.3	46.3	45.4	44.5	43.6
10°	54.3	54.0	54.0	53.4	52.8	51.9	51.3	50.0	49.1	47.6	46.0
12.5°	59.2	58.9	58.9	58.3	57.1	56.5	55.9	54.3	52.8	50.9	49.1
15°	64.8	64.8	64.8	64.5	63.2	62.0	61.4	59.5	57.7	54.9	52.5
17.5°	71.8	71.5	71.5	70.9	69.4	68.8	67.8	65.7	62.9	59.9	56.8
20°	80.4	80.1	79.5	79.2	77.7	77.0	75.8	73.4	69.7	65.7	61.4
22.5°	89.0	89.0	88.7	89.0	87.8	87.2	85.6	82.3	78.0	72.1	66.9
25°	98.8	99.1	99.8	100.7	99.1	98.5	97.3	93.0	87.8	80.4	73.0
27.5°	111.1	111.1	112.6	114.2	112.9	112.6	110.8	106.2	98.8	89.9	81.3
30°	124.3	124.6	127.1	129.8	129.2	129.2	127.7	122.5	113.6	103.1	91.2
32.5°	139.7	140.9	143.3	146.4	148.6	148.6	147.9	142.4	132.0	117.9	103.1
35°	159.9	157.8	162.4	167.0	171.6	172.5	172.8	167.6	155.6	137.8	117.9
37.5°	177.4	177.1	184.2	192.1	199.8	202.9	203.8	198.9	183.5	160.2	133.8
40°	197.7	199.5	209.0	221.0	233.9	239.1	241.5	236.0	217.0	186.9	152.2
42.5°	218.8	224.4	236.3	254.4	274.1	281.8	284.5	279.3	256.9	220.4	175.6
45°	243.7	251.4	267.3	293.1	318.9	330.2	336.4	334.5	311.5	266.1	205.6
47.5°	274.4	279.9	301.7	336.4	372.9	391.6	400.2	405.4	372.6	313.4	232.0
50°	309.1	310.0	340.1	384.0	437.4	462.2	477.3	474.8	435.8	367.7	265.5
52.5°	344.1	343.1	382.4	442.0	511.9	544.5	554.6	564.7	526.4	450.6	319.2
55°	384.0	382.1	431.5	507.0	593.9	636.9	665.4	679.5	619.1	505.2	342.5
57.5°	417.1	422.9	484.9	575.8	697.0	751.0	769.8	762.1	670.0	532.8	353.9
60°	459.2	467.8	538.3	665.7	786.3	826.5	843.7	808.7	702.5	553.7	361.9
62.5°	498.8	509.8	597.0	738.8	842.2	879.0	883.3	845.3	748.3	594.8	385.2
65°	535.9	548.5	655.3	782.0	891.0	921.7	929.1	899.0	796.8	619.1	394.4
67.5°	570.0	583.2	685.4	816.7	912.8	936.4	938.0	892.2	781.7	606.5	379.7
70°	596.0	601.9	699.8	815.8	887.0	896.2	890.1	844.0	746.4	580.7	358.5
72.5°	601.3	605.6	679.8	770.4	815.5	824.1	819.2	778.7	690.9	534.7	324.1
75°	574.9	575.8	626.1	688.7	721.6	732.0	725.6	688.1	607.4	469.6	279.0
77.5°	505.8	507.7	538.0	580.1	607.7	616.6	611.7	577.3	508.9	394.4	230.8
80°	400.8	404.5	426.3	455.5	480.6	489.8	484.0	456.4	400.5	310.0	180.2
82.5°	273.2	277.8	297.7	322.0	344.1	353.0	348.1	330.6	288.8	223.4	128.6
85°	138.1	143.0	163.6	186.3	205.6	215.2	213.6	206.3	177.7	137.8	77.7
87.5°	21.8	23.9	32.5	43.3	55.2	64.1	58.6	58.0	46.0	36.8	18.7
90°	8.9	8.9	8.6	8.3	7.4	6.8	6.4	5.2	4.0	2.5	0.9
92.5°	8.0	8.0	7.7	7.1	6.4	6.1	5.5	4.6	3.4	2.1	0.9
95°	6.4	6.4	6.1	5.8	5.2	4.9	4.3	3.7	2.8	1.8	0.9
97.5°	4.9	4.9	4.6	4.3	4.0	3.4	3.4	2.8	1.8	1.2	0.6
100°	3.7	3.7	3.4	3.1	2.8	2.5	2.5	1.8	1.2	0.9	0.6
102.5°	2.5	2.5	2.5	2.1	1.8	1.8	1.5	1.2	0.9	0.6	0.6
105°	1.5	1.5	1.5	1.5	1.2	0.9	0.9	0.6	0.6	0.6	0.6
107.5°	0.9	0.9	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
110°	0.6	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	41°	45°	55°	65°	75°	85°
112.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
115°	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
117.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
120°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
122.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
125°	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.3	0.3	0.3	0.3
127.5°	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.3
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
142.5°	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
175°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
2.5°	40.2	39.9	39.3	39.0	38.4	38.4	38.1	37.8	37.8	37.8	37.8
5°	41.1	40.8	40.2	39.6	39.0	38.4	38.1	37.8	37.8	37.8	37.4
7.5°	43.0	42.4	41.4	40.5	39.6	39.0	38.7	38.4	38.1	38.1	38.1
10°	45.1	44.5	43.0	42.0	40.8	39.9	39.6	39.3	39.0	39.0	39.0
12.5°	47.9	47.0	45.1	43.6	42.4	41.4	40.8	40.5	40.5	40.2	40.5
15°	51.3	50.0	47.6	45.7	44.2	43.3	42.7	42.4	42.4	42.4	42.0
17.5°	54.9	53.4	50.3	48.2	46.3	45.4	44.8	44.5	44.5	44.5	44.5
20°	59.2	57.1	53.7	50.9	49.1	47.9	47.3	47.3	47.0	47.3	47.3
22.5°	63.8	61.4	57.1	54.0	51.6	50.3	49.7	49.7	49.7	50.0	50.3
25°	69.4	66.3	61.1	57.1	54.3	53.1	52.5	52.8	52.8	53.1	53.1
27.5°	76.7	72.1	65.7	60.8	57.7	56.2	55.6	55.9	56.2	56.2	56.2
30°	85.0	79.5	70.6	65.4	61.7	59.9	59.2	59.5	59.9	60.5	60.2
32.5°	95.1	88.4	78.0	70.6	66.6	64.5	63.8	63.5	64.1	64.8	64.8
35°	107.4	98.8	86.6	78.0	72.1	69.4	68.8	68.4	68.8	69.4	70.0
37.5°	120.6	110.2	95.1	86.2	79.8	76.7	75.2	74.0	74.3	74.6	75.5
40°	135.7	122.8	105.0	94.2	88.4	84.7	82.6	80.7	81.3	81.3	81.6
42.5°	154.7	138.4	117.2	103.7	97.6	93.6	90.2	88.1	86.9	87.2	85.9
45°	179.6	159.3	132.6	117.2	108.7	102.5	98.5	94.2	91.2	91.8	89.9
47.5°	200.1	175.9	147.0	130.1	120.9	113.3	105.0	98.8	94.5	93.9	92.7
50°	225.3	196.1	163.6	144.3	134.4	122.8	112.9	102.5	95.5	93.6	93.9
52.5°	267.6	231.7	187.2	163.3	146.1	132.3	117.2	102.8	93.3	90.5	91.5
55°	283.0	243.7	199.5	178.9	162.1	140.6	119.1	99.4	87.2	84.7	85.0
57.5°	286.4	243.7	200.4	183.8	169.7	147.3	118.2	91.8	75.5	73.4	73.0
60°	288.2	242.2	197.0	180.2	164.8	140.9	106.2	74.0	58.0	56.5	55.6
62.5°	305.4	255.1	200.4	177.4	155.6	123.7	80.7	47.3	32.2	31.9	31.3
65°	310.6	259.7	204.7	179.2	145.5	96.1	47.9	16.0	3.4	3.7	3.1
67.5°	297.7	249.2	198.6	176.5	142.4	93.6	46.0	13.5	0.0	0.0	0.0
70°	279.9	234.2	187.8	167.0	136.0	89.9	45.1	13.5	0.0	0.0	0.0
72.5°	251.7	212.7	170.6	154.1	124.9	82.6	42.0	12.9	0.0	0.0	0.0
75°	218.5	185.1	149.5	136.6	110.8	72.4	37.8	11.7	0.0	0.0	0.0
77.5°	182.9	154.4	124.9	115.1	93.6	61.7	31.9	9.8	0.0	0.0	0.0
80°	143.6	122.2	98.5	91.8	74.0	49.1	25.5	7.7	0.0	0.0	0.0
82.5°	103.4	88.7	72.7	67.2	54.3	35.6	18.4	5.2	0.0	0.0	0.0
85°	63.8	55.6	47.0	43.6	34.4	22.1	11.0	2.8	0.0	0.0	0.0
87.5°	19.0	18.4	16.6	16.3	11.7	6.8	2.5	0.3	0.0	0.0	0.0
90°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: TT-D7-AMB-U-DL-CG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)