

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: P1245518

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

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245518
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-2)
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-WQ-CG-HSS
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND WIDE DISTRIBUTION WITH CLEAR GLASS AND HOUSE
SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1527 lumens
Efficiency: N/A
Efficacy: 32.1 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U1 - G1

Input Watts (W): 47.6
Input Voltage (V): 120.0
Input Current (Ain): 0.409
Voltage Rise (V): NR
Power Factor: 0.971
Total Harmonic Distortion (THDi): 14.19%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

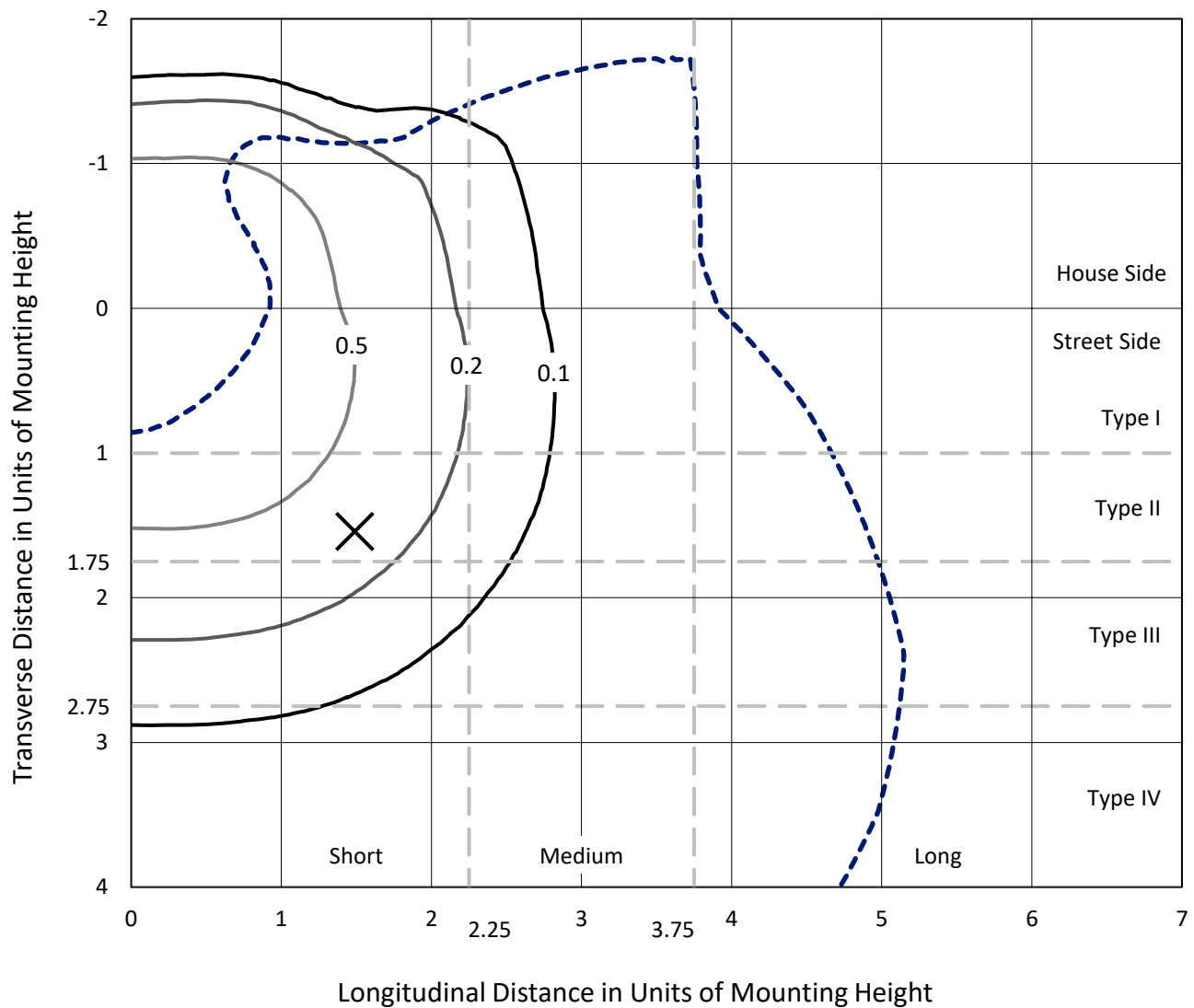


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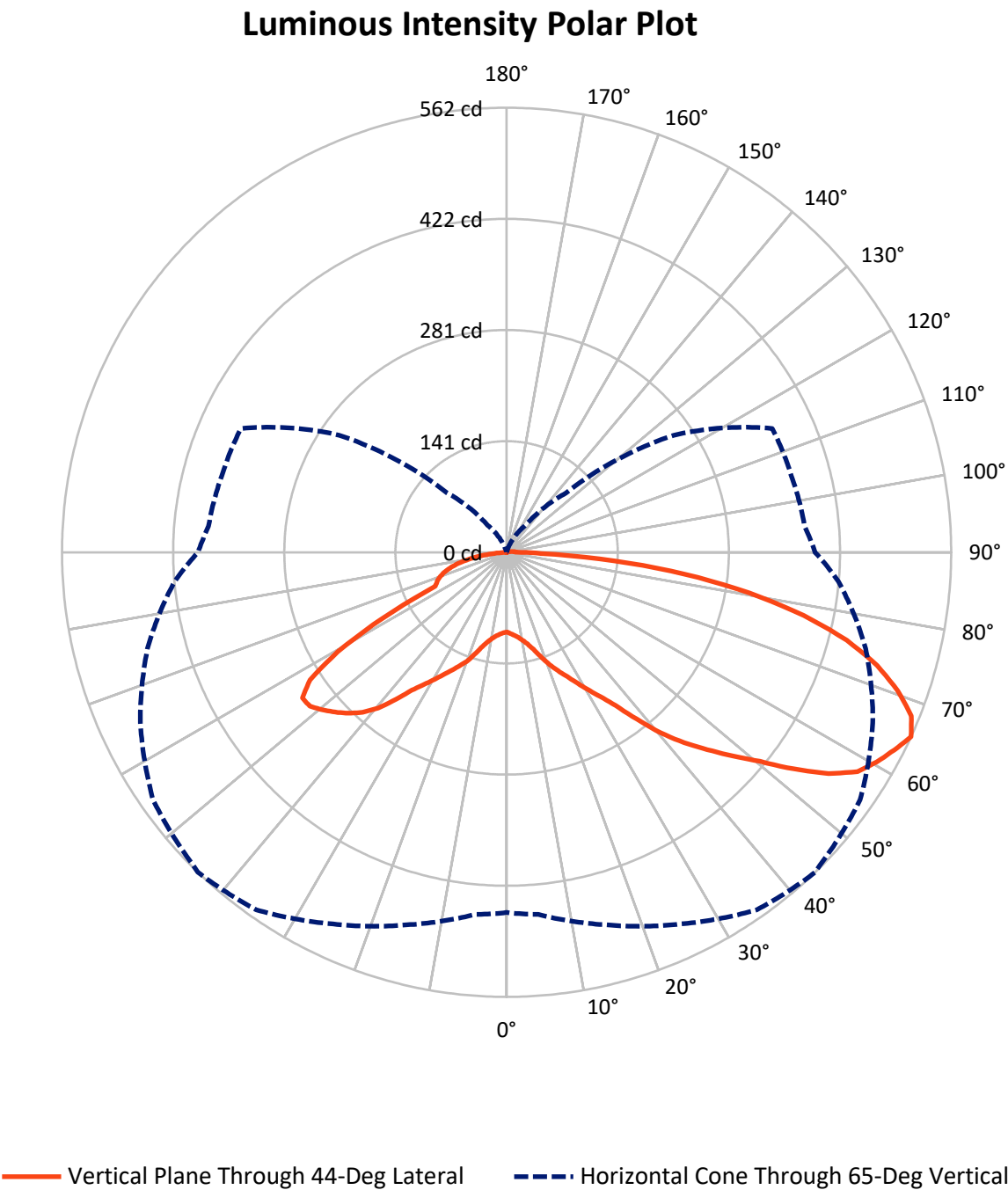
Iso-Footcandle Lines of Horizontal Illumination

× 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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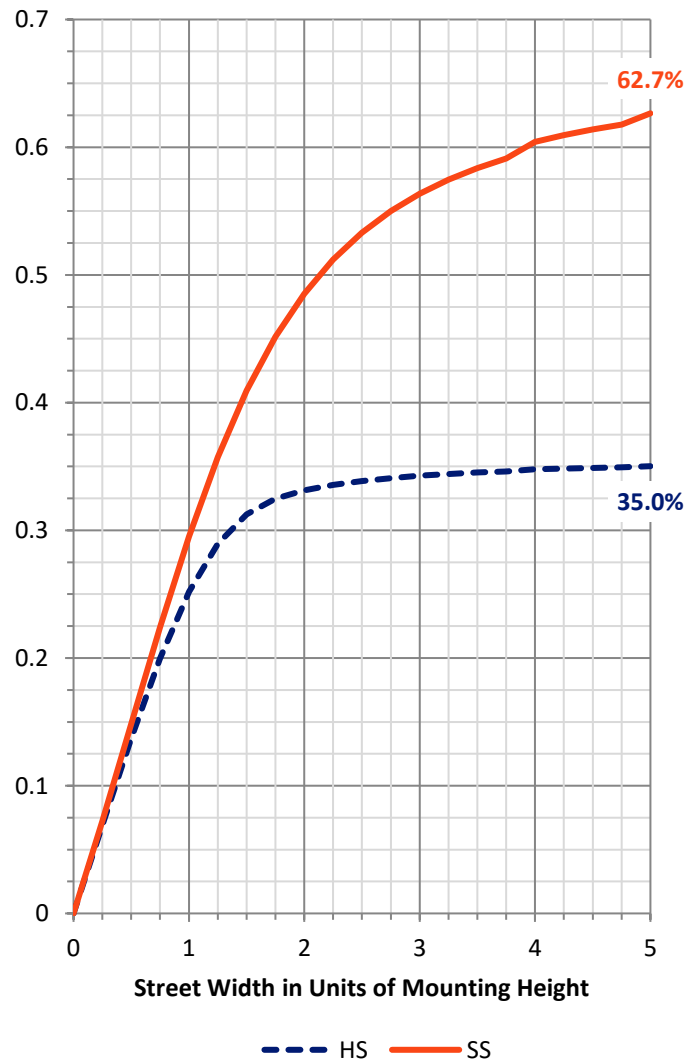
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	537.8	0.4	538.2
	% Fixture	35.2	0.0	35.2
Street Side	Lumens	982.6	6.2	988.8
	% Fixture	64.3	0.4	64.8
Total	Lumens	1520.5	6.6	1527.0
	% Fixture	99.6	0.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	0.7
10°-20°	36.3	2.4
20°-30°	77.7	5.1
30°-40°	140.8	9.2
40°-50°	234.9	15.4
50°-60°	325.3	21.3
60°-70°	337.1	22.1
70°-80°	271.3	17.8
80°-90°	86.8	5.7
90°-100°	4.4	0.3
100°-110°	1.4	0.1
110°-120°	0.3	0.0
120°-130°	0.2	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°	1520.5	99.6
0°-180°	1527.0	100.0

Coefficient of Utilization



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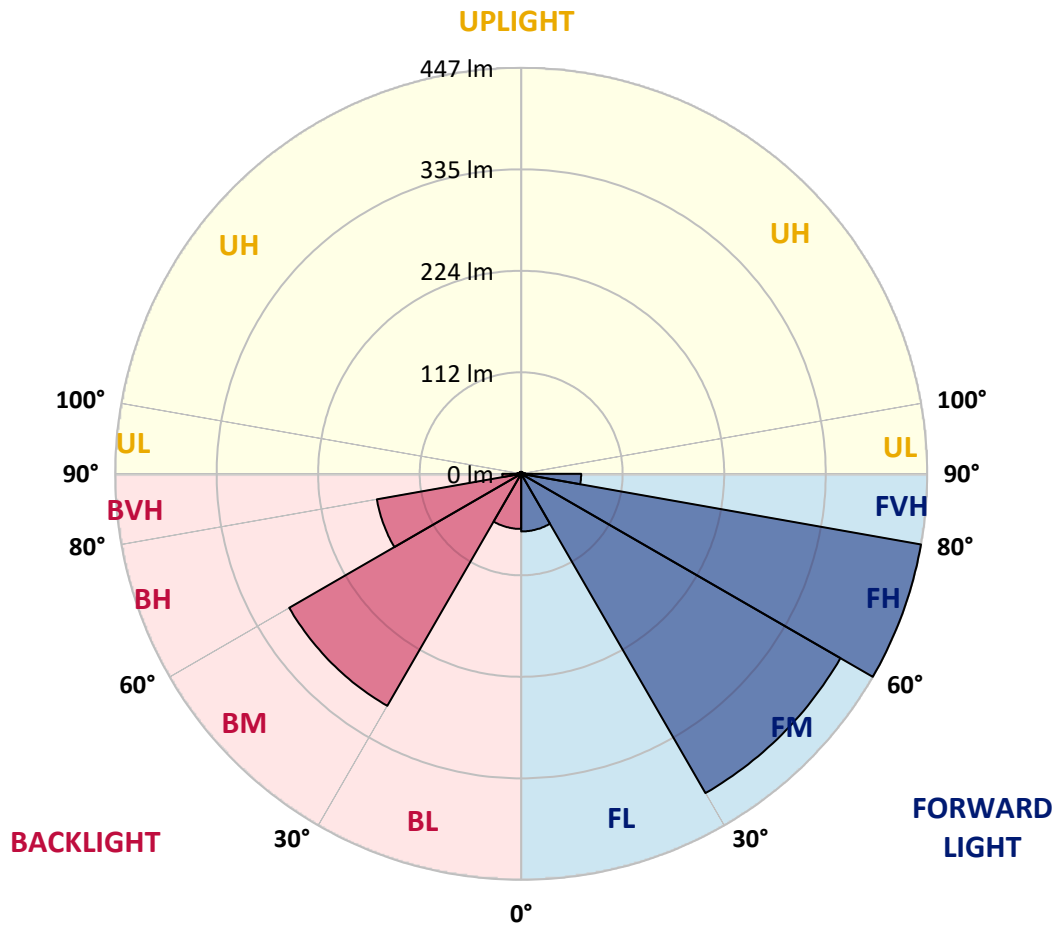
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	63.5	4.2			
FM	(30°-60°)	406.0	26.6			
FH	(60°-80°)	447.1	29.3			G0/660
FVH	(80°-90°)	66.0	4.3			G1/100
BL	(0°-30°)	60.7	4.0	B0/110		
BM	(30°-60°)	295.0	19.3	B1/1000		
BH	(60°-80°)	161.4	10.6	B1/500		G1/500
BVH	(80°-90°)	20.8	1.4			G1/100
UL	(90°-100°)	4.4	0.3		U1/10	
UH	(100°-180°)	2.2	0.1		U1/10	

BUG Rating: B1-U1-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
2.5°	103.7	103.4	103.4	103.1	103.1	103.1	103.1	103.1	102.8	102.6	102.3
5°	106.4	106.4	106.1	106.1	105.8	105.5	105.8	105.5	105.2	104.9	104.6
7.5°	110.0	109.7	109.7	109.1	109.1	108.8	108.8	108.8	108.5	107.9	107.6
10°	115.1	114.5	114.5	113.9	113.6	113.3	113.3	112.7	112.7	112.4	112.1
12.5°	120.7	120.1	120.7	120.4	119.8	119.2	119.2	118.6	118.3	118.1	116.9
15°	128.2	127.3	127.9	127.9	127.6	127.3	127.3	126.1	125.5	124.9	123.7
17.5°	137.1	136.5	136.8	137.1	138.0	138.0	138.3	136.8	135.6	133.6	132.7
20°	148.5	148.2	149.1	149.1	149.9	149.9	150.2	148.8	146.7	145.2	143.4
22.5°	159.5	159.5	160.7	160.7	161.6	161.0	161.0	160.4	158.0	156.2	154.4
25°	170.8	170.5	171.7	172.6	173.8	172.3	172.9	172.0	169.6	167.2	164.9
27.5°	183.3	182.7	183.3	184.5	186.6	185.4	186.0	184.5	182.1	178.9	176.8
30°	197.1	196.2	197.1	198.8	200.3	200.9	200.6	198.5	196.5	191.7	190.2
32.5°	210.5	210.5	212.6	215.8	217.6	217.3	217.6	215.8	212.9	206.9	203.3
35°	226.9	228.1	230.7	235.5	239.4	237.9	237.9	237.3	232.2	225.1	220.3
37.5°	248.6	249.8	255.2	260.8	268.0	267.4	267.7	265.9	256.1	248.6	241.8
40°	274.0	275.2	283.2	291.3	298.1	300.2	300.5	296.6	285.9	275.2	264.4
42.5°	297.2	298.7	307.1	318.4	325.8	329.1	329.7	323.4	312.1	299.9	286.5
45°	320.5	322.3	331.8	343.7	354.5	355.9	356.2	350.9	338.4	324.3	307.1
47.5°	344.3	345.8	355.6	370.0	381.6	384.6	384.9	379.8	364.6	347.6	327.3
50°	366.1	369.1	382.5	397.7	413.2	415.6	415.9	410.2	392.3	373.2	346.4
52.5°	391.7	393.2	407.5	432.9	446.0	455.2	455.5	444.5	425.4	399.8	365.2
55°	421.5	424.2	438.8	464.2	487.7	494.0	495.8	482.6	457.3	429.6	389.0
57.5°	438.8	443.9	465.4	489.5	519.0	523.2	524.1	510.4	482.3	451.9	406.9
60°	448.1	451.0	473.7	511.3	534.2	538.1	537.8	527.4	499.3	462.4	415.3
62.5°	458.5	463.6	482.6	520.8	540.8	550.3	548.8	538.1	509.5	468.9	423.3
65°	455.5	459.7	487.7	518.7	551.8	562.2	560.1	545.8	511.0	470.1	421.2
67.5°	443.6	446.9	474.6	513.0	544.6	552.1	555.7	541.7	502.6	457.3	408.1
70°	419.1	424.2	451.0	490.4	519.3	524.7	525.3	516.6	481.4	433.8	386.4
72.5°	385.5	389.6	418.8	458.8	483.8	490.1	490.7	477.6	451.0	401.6	355.0
75°	345.2	349.1	371.7	413.5	438.2	444.5	443.9	431.7	403.6	356.8	313.6
77.5°	295.4	302.6	322.6	356.8	381.0	384.3	384.9	371.4	348.8	308.2	266.2
80°	233.1	240.0	262.6	288.3	308.5	311.2	312.1	300.8	280.2	244.5	208.7
82.5°	165.7	171.7	189.6	210.5	227.5	227.5	228.1	218.8	203.0	172.3	144.3
85°	94.5	99.0	110.9	125.8	138.0	136.5	136.8	128.5	118.1	94.2	76.3
87.5°	31.0	33.1	35.8	41.4	47.1	43.5	45.3	37.6	34.0	25.3	19.7
90°	16.4	16.4	15.8	15.2	14.0	12.2	12.2	9.8	7.5	4.8	1.8
92.5°	14.9	14.9	14.3	13.7	12.5	11.0	11.0	8.9	6.6	4.2	1.5
95°	12.2	12.2	11.9	11.3	10.4	9.2	8.9	7.5	5.7	3.3	1.2
97.5°	9.5	9.5	9.2	8.9	8.0	7.2	7.2	5.7	4.2	2.7	0.9
100°	7.2	7.2	7.2	6.6	6.3	5.4	5.4	4.5	3.3	2.1	0.6
102.5°	5.1	5.4	5.1	4.8	4.5	3.9	3.9	3.3	2.4	1.5	0.6
105°	3.6	3.6	3.3	3.3	3.0	2.7	2.7	2.1	1.5	0.9	0.3
107.5°	2.1	2.1	2.1	2.1	1.8	1.8	1.8	1.5	0.9	0.6	0.3
110°	1.2	1.2	1.2	1.2	0.9	0.9	0.9	0.6	0.6	0.3	0.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
112.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.3
115°	0.3	0.3	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3
117.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
120°	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
122.5°	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
125°	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
127.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
135°	0.0	0.0	0.0	0.0	0.3	0.3	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°	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
142.5°	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	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	0.0	0.0	0.3	0.3	0.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
160°	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
162.5°	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
165°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
167.5°	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
177.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	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°	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
2.5°	102.3	102.3	102.0	101.7	101.7	101.7	101.4	101.4	101.4	101.1	101.1
5°	104.6	104.3	104.3	104.0	104.0	103.7	103.7	103.4	103.1	103.1	102.8
7.5°	107.9	107.6	107.0	107.3	106.7	106.4	106.1	106.1	106.1	105.8	105.8
10°	111.8	111.8	111.2	111.2	110.6	110.3	110.0	110.0	110.3	110.3	110.0
12.5°	116.9	116.6	116.6	116.3	116.0	115.7	116.0	116.0	115.7	115.4	115.1
15°	123.1	123.1	123.1	123.4	123.1	123.1	123.1	122.8	122.2	121.6	121.6
17.5°	132.7	132.4	131.8	132.1	132.7	133.6	132.7	131.8	130.9	130.9	130.6
20°	142.5	142.8	142.8	143.1	144.0	144.9	143.7	143.1	142.5	141.9	141.3
22.5°	153.2	153.5	153.5	153.2	153.8	153.5	152.9	152.3	151.7	150.8	150.2
25°	163.7	164.0	163.7	163.4	163.7	162.8	161.9	161.0	159.5	158.0	158.0
27.5°	175.3	175.0	173.8	174.1	173.5	172.9	171.1	169.0	166.9	165.5	165.5
30°	187.5	187.5	185.1	186.3	185.1	184.8	181.0	178.3	175.3	173.2	172.9
32.5°	200.9	200.3	198.5	199.7	198.5	197.3	192.6	189.0	183.9	181.0	180.7
35°	217.0	215.5	214.0	215.2	215.2	212.0	207.2	200.6	193.5	189.9	189.6
37.5°	236.7	235.8	234.0	235.5	236.7	233.4	226.3	216.7	206.6	201.2	200.9
40°	258.5	257.3	256.4	258.5	259.4	256.1	246.5	233.1	219.4	211.7	210.5
42.5°	279.0	276.3	274.9	277.8	276.9	273.4	260.3	244.7	226.0	217.0	215.5
45°	297.5	294.5	292.4	295.1	293.9	286.8	272.2	251.3	228.7	217.6	215.8
47.5°	315.7	311.2	307.9	311.5	309.1	298.1	280.2	254.6	225.7	212.6	209.6
50°	331.2	325.8	323.7	327.9	324.3	308.8	285.9	253.1	218.2	199.1	194.4
52.5°	349.7	341.6	339.5	347.6	339.5	319.0	287.1	249.5	201.2	178.3	173.8
55°	368.5	359.5	356.2	363.7	351.5	321.1	281.1	228.9	175.6	151.1	144.6
57.5°	378.3	370.0	367.0	372.3	349.7	300.8	254.6	190.8	137.1	109.7	102.6
60°	387.2	372.6	368.8	375.9	331.2	253.7	197.1	136.8	82.9	62.3	56.9
62.5°	393.5	379.5	371.4	374.7	297.2	184.5	113.3	65.9	31.3	21.8	21.5
65°	390.2	378.3	372.9	370.6	258.2	106.1	41.7	16.7	0.9	0.9	0.6
67.5°	380.1	367.0	365.5	367.6	255.5	102.0	38.8	15.2	0.0	0.0	0.0
70°	357.7	348.5	348.5	355.6	243.9	96.6	36.1	14.0	0.0	0.0	0.0
72.5°	327.6	320.5	324.6	335.4	226.6	89.1	32.5	12.5	0.0	0.0	0.0
75°	291.6	284.1	289.5	301.4	205.1	79.6	28.3	10.7	0.0	0.0	0.0
77.5°	245.6	240.6	248.9	260.0	176.5	67.1	23.3	8.6	0.0	0.0	0.0
80°	191.4	188.7	199.7	209.6	142.5	52.8	17.6	6.3	0.0	0.0	0.0
82.5°	132.1	130.9	141.6	151.7	102.0	37.0	11.9	4.2	0.0	0.0	0.0
85°	69.2	69.2	77.5	86.8	56.9	20.0	6.0	1.8	0.0	0.0	0.0
87.5°	15.2	14.6	15.8	20.3	11.3	3.9	0.9	0.3	0.0	0.0	0.0
90°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
105°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: TT-D7-AMB-U-WQ-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	0.3	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
117.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
122.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
125°	0.3	0.3	0.3	0.3	0.3	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	0.3	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	0.3	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	0.3	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)