

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: P1245512

Luminaire Tested: **TT-D7-AMB-U-MQ-HSS**

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245512
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-1)
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-MQ-HSS
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND MEDIUM DISTRIBUTION WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1907.9 lumens
Efficiency: N/A
Efficacy: 40.1 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



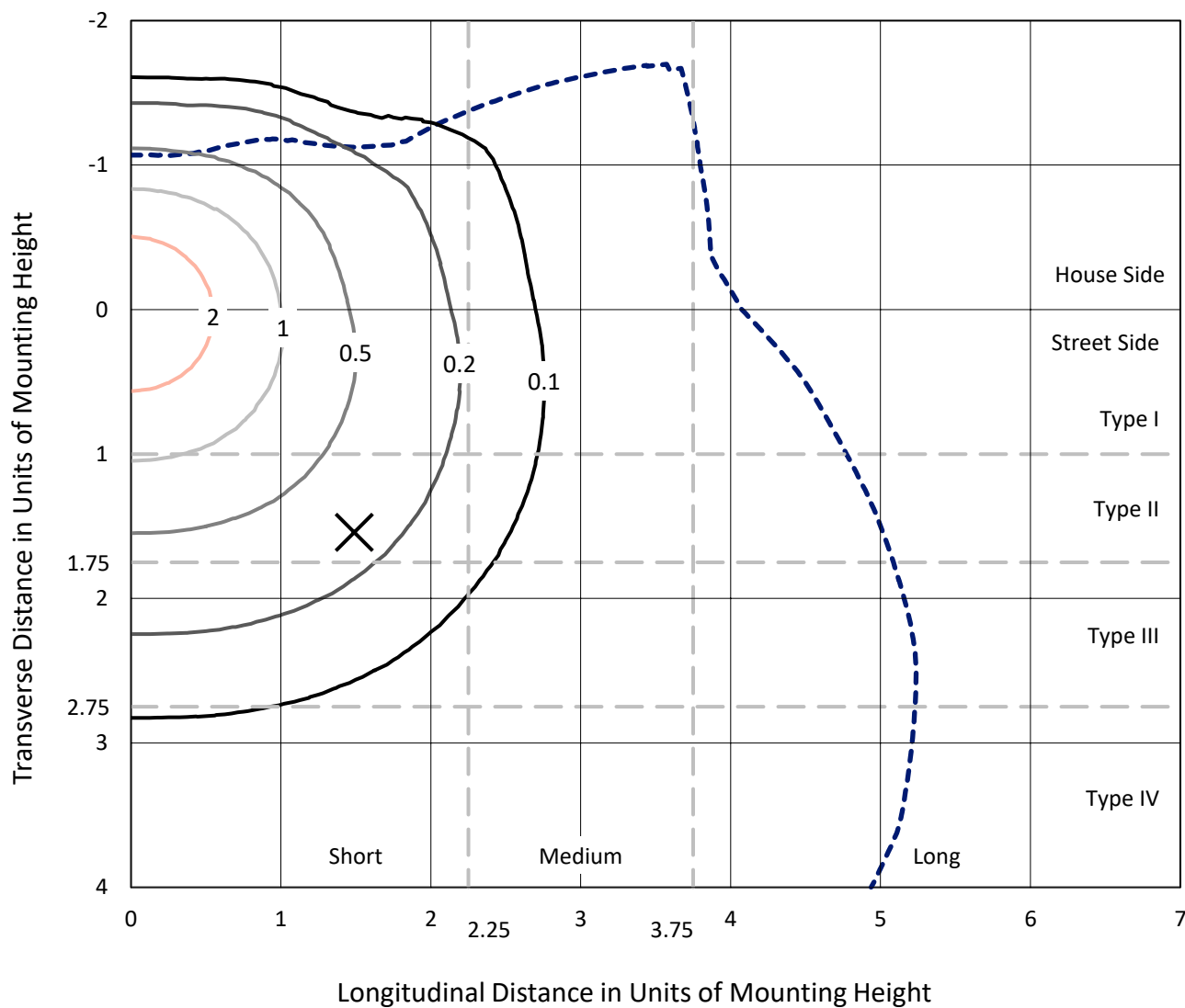
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

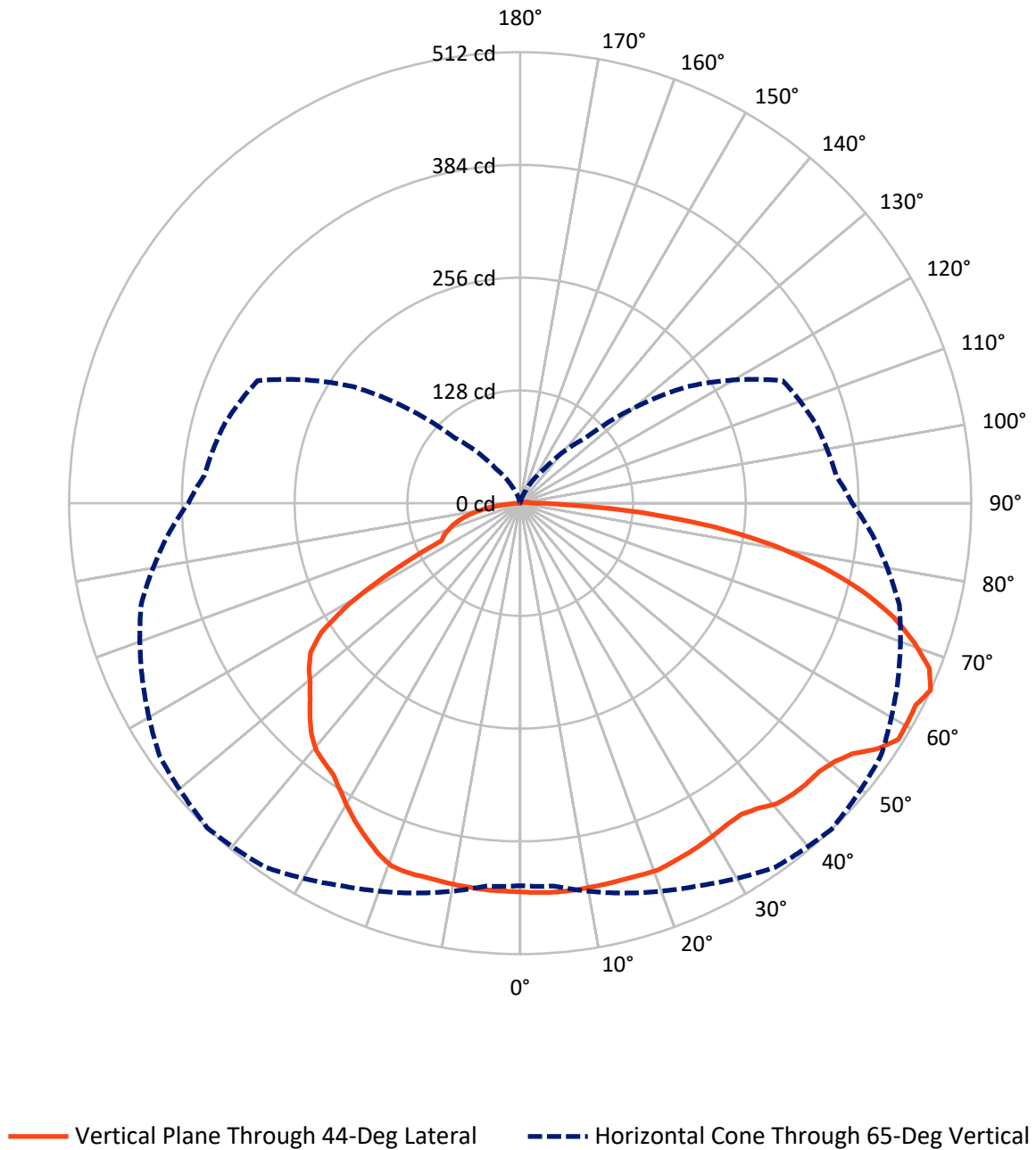
--- 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 3.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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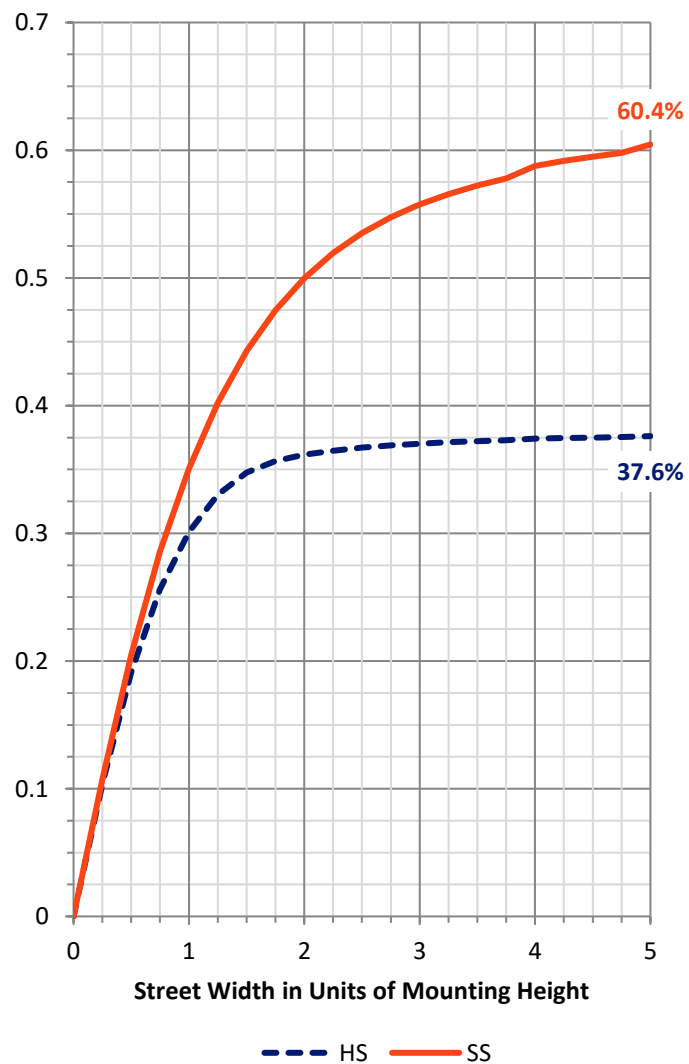
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	722.5	0.4	722.9
	% Fixture	37.9	0.0	37.9
Street Side	Lumens	1178.6	6.4	1185.0
	% Fixture	61.8	0.3	62.1
Total	Lumens	1901.0	6.9	1907.9
	% Fixture	99.6	0.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	2.2
10°-20°	124.9	6.5
20°-30°	198.7	10.4
30°-40°	254.6	13.3
40°-50°	301.6	15.8
50°-60°	330.3	17.3
60°-70°	314.0	16.5
70°-80°	250.0	13.1
80°-90°	84.9	4.5
90°-100°	4.5	0.2
100°-110°	1.5	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°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-90°	1901.0	99.6
0°-180°	1907.9	100.0

Coefficient of Utilization



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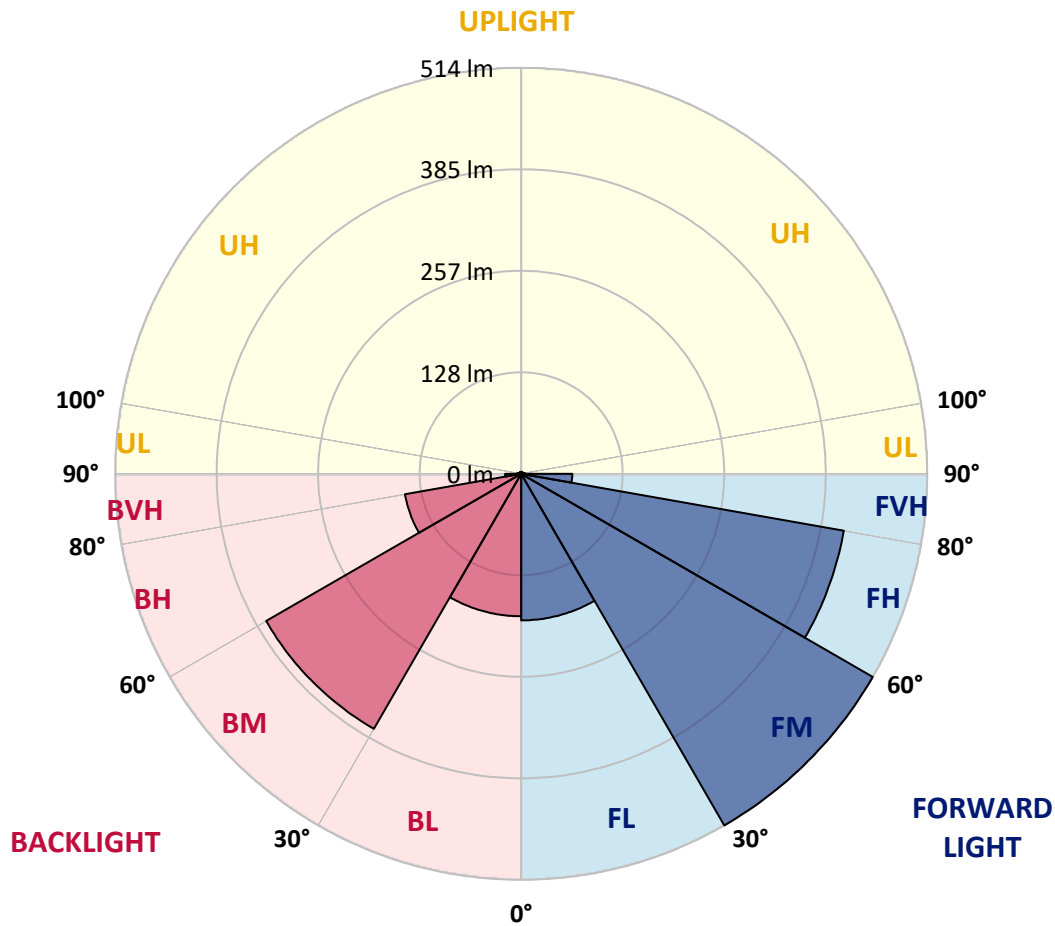
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	185.5	9.7			
FM	(30°-60°)	513.8	26.9			
FH	(60°-80°)	414.6	21.7			G0/660
FVH	(80°-90°)	64.7	3.4			G1/100
BL	(0°-30°)	180.3	9.4	B1/500		
BM	(30°-60°)	372.6	19.5	B1/1000		
BH	(60°-80°)	149.3	7.8	B1/500		G1/500
BVH	(80°-90°)	20.2	1.1			G1/100
UL	(90°-100°)	4.5	0.2		U1/10	
UH	(100°-180°)	2.4	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°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7
2.5°	443.4	443.0	443.0	443.0	443.0	442.7	443.0	442.4	442.7	441.7	441.7
5°	444.4	443.7	444.0	444.0	444.0	443.7	444.0	443.0	443.4	442.0	441.7
7.5°	444.7	444.4	444.4	444.4	444.4	443.7	444.0	443.4	443.0	442.0	441.4
10°	444.7	444.4	444.4	444.4	444.0	443.4	443.7	442.7	442.7	441.4	440.7
12.5°	444.7	444.4	444.7	444.0	444.0	443.4	443.4	442.4	442.4	440.7	440.0
15°	444.4	444.0	444.0	444.4	444.0	443.4	443.4	442.4	442.0	440.0	439.3
17.5°	444.0	443.7	444.0	444.4	444.7	444.0	444.4	442.7	442.0	440.0	439.0
20°	444.4	444.0	444.4	445.1	445.1	445.1	445.1	443.4	442.0	440.0	438.3
22.5°	443.4	443.4	443.4	443.4	444.0	443.0	443.0	442.0	440.3	438.7	437.0
25°	441.0	441.0	441.4	441.7	441.7	441.0	440.7	439.7	438.3	436.3	434.3
27.5°	438.3	438.3	438.7	438.7	439.3	438.7	438.3	437.0	435.6	433.3	430.9
30°	435.3	435.3	435.3	436.0	436.3	436.3	436.0	434.3	432.6	429.9	426.9
32.5°	431.9	431.9	432.9	433.6	433.9	433.9	433.9	431.9	429.9	426.5	422.1
35°	429.2	429.2	430.6	432.9	434.3	433.6	433.3	431.9	428.9	425.2	418.1
37.5°	430.9	430.9	433.9	437.3	440.3	439.7	439.7	437.3	433.3	427.2	418.4
40°	434.9	435.3	440.0	444.4	448.1	448.8	448.8	446.1	440.0	432.2	420.1
42.5°	436.0	436.6	441.4	447.8	451.1	452.8	452.8	449.1	442.7	433.6	419.4
45°	436.0	436.3	441.7	448.4	453.8	455.2	455.2	451.1	443.0	434.3	417.1
47.5°	436.0	435.6	440.3	449.8	455.2	456.2	456.2	451.8	444.0	432.9	413.7
50°	434.9	436.6	443.7	451.1	460.6	461.9	461.6	456.9	446.1	434.6	411.0
52.5°	437.3	437.0	446.4	461.2	469.7	472.7	473.0	467.0	455.8	439.3	409.3
55°	447.1	447.4	456.5	473.7	486.5	492.3	491.6	483.8	468.0	448.8	414.0
57.5°	450.5	453.8	467.0	481.8	501.4	506.4	506.4	497.0	477.8	456.2	417.4
60°	443.7	445.1	461.2	486.5	504.4	505.4	505.8	499.0	478.8	452.1	410.7
62.5°	442.0	444.7	457.2	485.5	497.0	504.4	504.1	495.0	477.8	449.1	408.3
65°	434.6	436.6	458.5	479.5	504.7	512.2	510.5	500.0	473.4	445.7	400.9
67.5°	419.4	421.5	441.7	471.0	493.9	501.0	502.7	490.6	462.9	429.9	385.0
70°	394.1	397.2	417.7	446.4	470.7	474.7	474.1	466.6	439.0	403.6	361.8
72.5°	358.7	363.5	389.4	416.7	437.6	443.7	441.0	432.6	410.0	371.9	330.1
75°	321.3	325.7	346.3	377.0	398.9	402.9	400.9	390.8	367.8	330.4	292.7
77.5°	280.5	284.2	301.8	333.1	349.3	352.7	353.7	340.2	318.6	284.9	251.2
80°	225.6	227.3	250.9	271.4	285.6	292.3	291.6	281.5	260.0	232.0	198.3
82.5°	166.6	167.9	186.1	203.6	216.5	222.5	219.2	209.0	191.8	167.9	142.3
85°	102.2	99.8	114.6	127.8	135.5	139.6	136.2	130.5	115.3	96.4	78.6
87.5°	36.8	34.7	41.5	43.5	52.3	50.9	53.9	43.5	35.1	25.0	17.5
90°	16.2	16.2	15.8	15.2	13.8	12.5	12.1	10.1	7.4	4.7	1.7
92.5°	14.8	14.8	14.5	13.8	12.5	11.1	11.1	9.1	6.7	4.4	1.7
95°	12.5	12.5	12.1	11.5	10.5	9.4	9.4	7.4	5.7	3.7	1.3
97.5°	9.8	9.8	9.4	9.1	8.1	7.4	7.4	6.1	4.4	2.7	1.0
100°	7.4	7.4	7.1	6.7	6.4	5.7	5.4	4.4	3.4	2.0	0.7
102.5°	5.4	5.4	5.4	5.1	4.4	4.0	4.0	3.4	2.4	1.7	0.7
105°	3.7	3.7	3.7	3.4	3.0	2.7	2.7	2.4	1.7	1.0	0.3
107.5°	2.4	2.4	2.4	2.4	2.0	1.7	1.7	1.3	1.0	0.7	0.3
110°	1.3	1.0	1.3	1.3	1.3	1.0	1.0	0.7	0.7	0.3	0.3

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CATALOG NUMBER: TT-D7-AMB-U-MQ-HSS

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
112.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.3	0.3	0.3	0.3
115°	0.3	0.3	0.3	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3
117.5°	0.0	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	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
125°	0.0	0.0	0.0	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	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140°	0.0	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
142.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
157.5°	0.3	0.3	0.3	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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CATALOG NUMBER: TT-D7-AMB-U-MQ-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7
2.5°	441.7	441.4	441.0	441.4	441.0	441.0	440.7	440.7	440.3	440.3	440.0
5°	441.7	441.4	441.0	441.4	440.7	441.0	441.0	440.7	440.3	440.0	439.7
7.5°	441.4	441.4	440.7	441.0	440.3	440.3	440.0	440.0	439.7	439.7	439.3
10°	440.7	440.3	440.3	440.3	439.7	439.7	439.3	439.0	439.0	438.7	438.3
12.5°	440.0	439.7	439.3	439.3	439.0	438.7	438.3	438.3	438.0	437.6	437.3
15°	439.0	438.7	438.7	438.7	438.3	438.3	438.0	437.6	437.0	436.6	436.3
17.5°	438.7	438.3	438.7	438.7	438.3	438.7	438.0	437.3	436.6	436.3	436.0
20°	438.3	438.3	438.3	438.0	437.6	437.3	437.0	436.6	436.3	436.0	435.6
22.5°	436.6	436.3	435.6	433.6	431.2	429.6	429.2	429.9	429.9	429.9	428.9
25°	433.6	432.6	429.9	426.2	422.1	419.4	417.7	417.7	417.4	416.7	416.4
27.5°	429.9	427.9	423.1	418.4	412.7	409.3	405.3	402.9	401.9	401.6	400.9
30°	424.8	421.8	415.7	409.7	402.6	397.9	391.5	387.4	385.0	384.0	383.4
32.5°	418.8	415.7	408.6	401.2	392.8	386.1	378.0	371.6	367.2	365.2	364.1
35°	414.7	410.3	402.2	393.5	385.0	375.3	365.5	356.7	350.0	347.6	346.3
37.5°	413.0	409.0	400.2	391.5	382.0	370.2	358.7	346.3	337.2	333.1	331.8
40°	414.0	409.0	399.2	389.8	378.6	365.5	350.3	334.8	323.0	317.3	315.9
42.5°	411.7	405.9	394.5	384.4	370.5	355.7	337.2	319.3	303.5	298.7	296.7
45°	407.6	400.6	388.1	375.3	360.8	342.6	323.3	300.4	281.5	275.8	274.1
47.5°	403.6	393.8	379.0	367.2	349.6	328.4	305.8	280.2	256.6	250.9	249.8
50°	397.5	388.4	372.6	358.7	340.9	316.3	290.6	258.6	232.0	222.2	219.5
52.5°	394.8	383.0	367.8	357.1	335.5	307.5	275.1	240.7	202.3	190.2	187.5
55°	397.5	382.7	366.5	356.0	331.1	296.4	256.6	212.8	168.2	155.4	151.7
57.5°	392.8	380.0	363.8	352.0	319.6	273.4	229.6	173.3	127.1	110.6	109.2
60°	386.7	368.5	353.4	342.6	295.7	230.3	178.7	123.4	76.5	62.4	59.7
62.5°	384.4	365.5	348.0	334.8	263.7	169.3	108.9	62.4	31.7	22.3	20.2
65°	377.0	360.1	347.6	329.1	230.3	104.5	46.9	18.5	1.3	1.0	1.0
67.5°	362.8	345.6	337.2	326.4	226.9	99.8	42.5	16.9	0.7	0.0	0.0
70°	338.5	325.0	319.3	313.6	217.1	92.4	38.8	15.2	0.3	0.0	0.0
72.5°	306.5	297.4	296.4	295.7	203.0	85.3	34.7	13.5	0.3	0.0	0.0
75°	274.5	263.3	265.0	269.1	185.4	75.5	30.0	11.8	0.3	0.0	0.0
77.5°	234.0	225.9	229.9	236.7	162.5	64.1	24.6	9.4	0.3	0.0	0.0
80°	184.1	178.7	187.8	193.9	132.8	50.9	18.5	6.7	0.0	0.0	0.0
82.5°	130.8	127.8	136.2	144.0	98.8	36.1	12.8	4.4	0.0	0.0	0.0
85°	70.5	68.8	76.9	85.3	59.3	20.6	6.4	2.0	0.0	0.0	0.0
87.5°	17.5	16.2	16.5	19.9	14.5	4.4	1.0	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	0.3	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	0.3	0.3	0.0	0.0	0.0	0.0	0.0
110°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1245512

CATALOG NUMBER: TT-D7-AMB-U-MQ-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	0.3	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	0.3	0.0	0.0	0.0	0.0	0.0
127.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
130°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
135°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
147.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
162.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
165°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
167.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

(END OF REPORT)