

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: P1245508

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

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245508
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-HSS
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND DRIVE LANE DISTRIBUTION WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

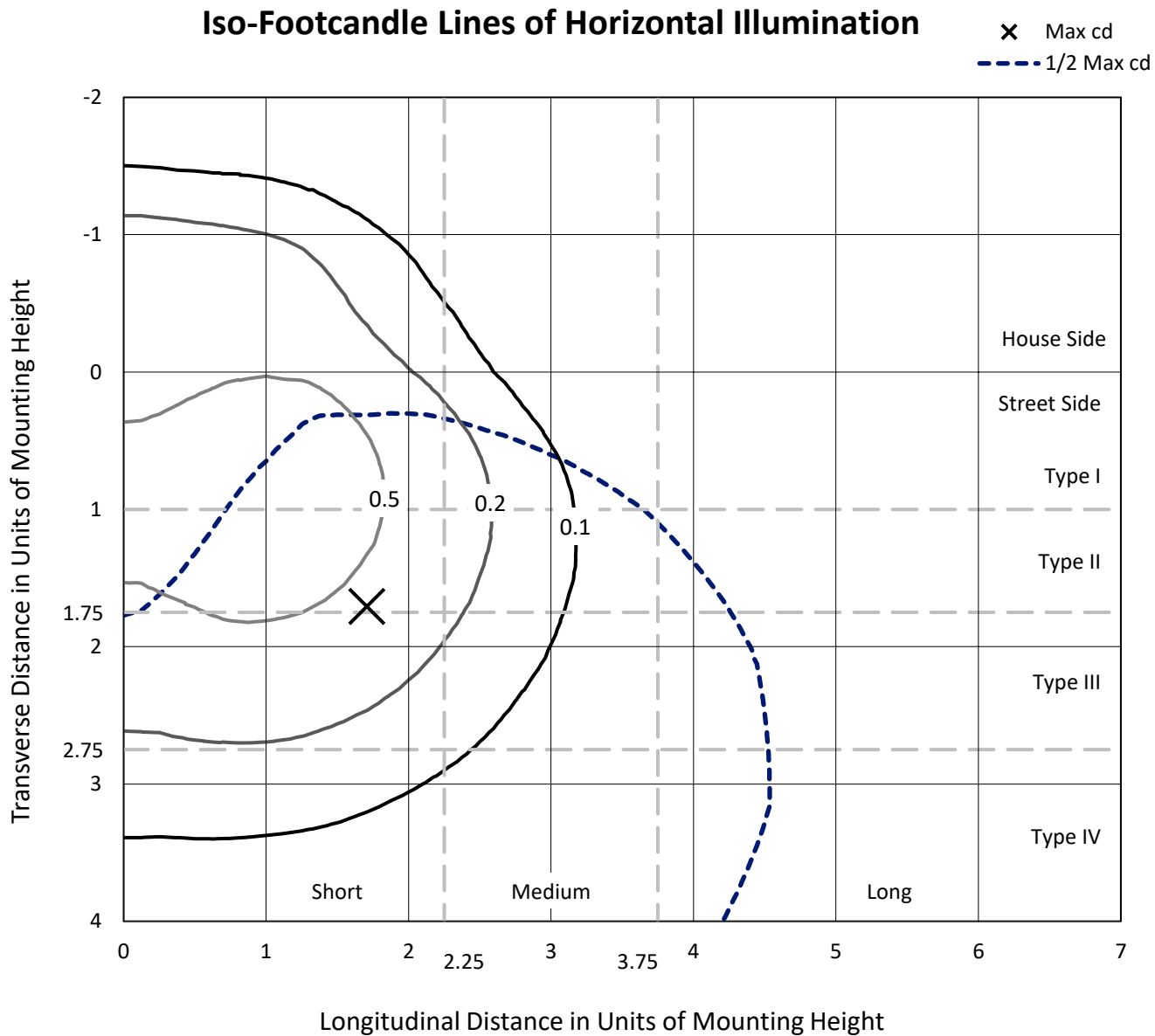
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1557.9 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U1 - G2

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



REPORT NUMBER: P1245508
CATALOG NUMBER: TT-D7-AMB-U-DL-HSS

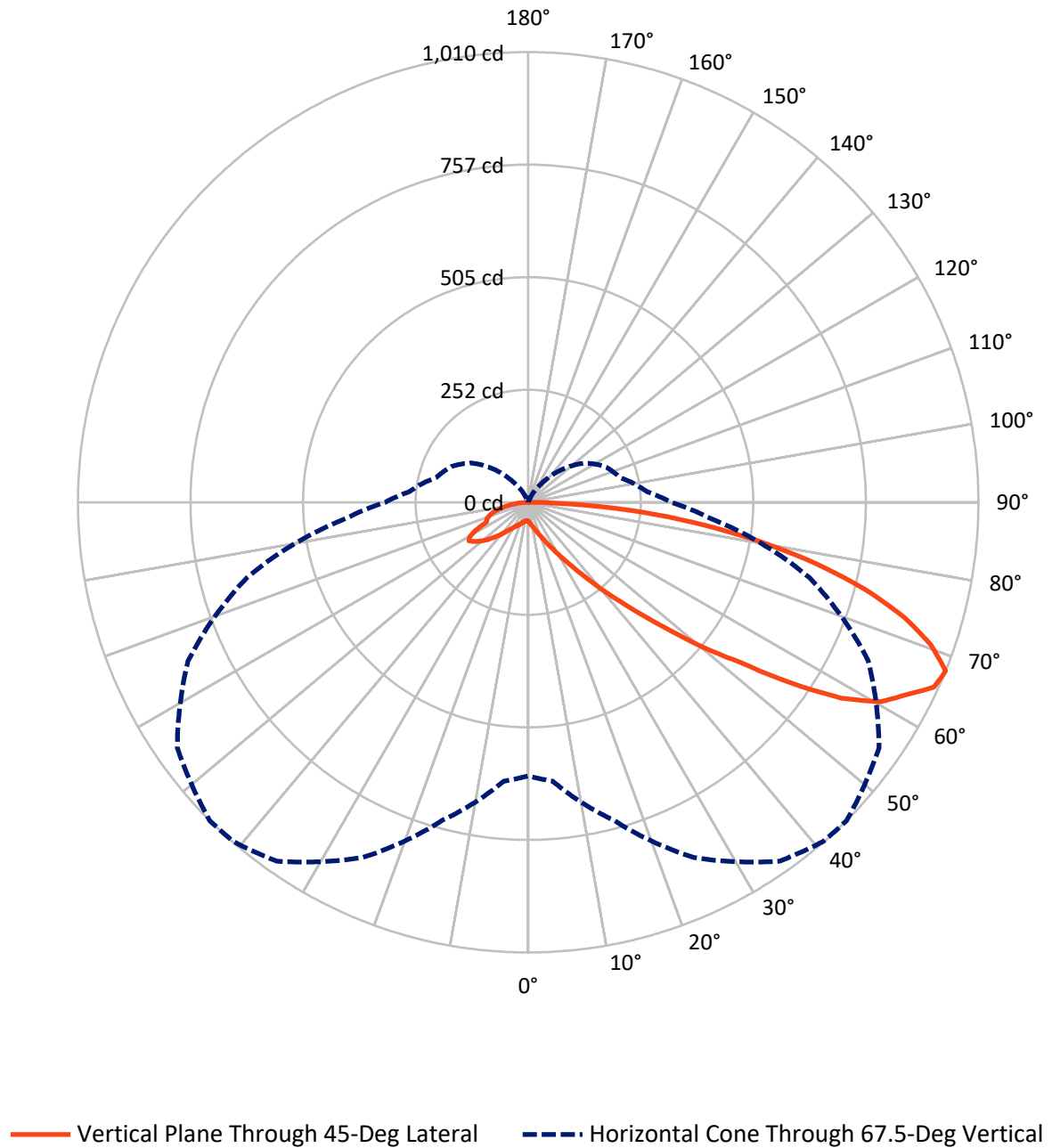


Based on 12 foot mounting height. Maximum calculated value = 1 fc
Type IV - Short - N/A

REPORT NUMBER: P1245508

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

Luminous Intensity Polar Plot



REPORT NUMBER: P1245508

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

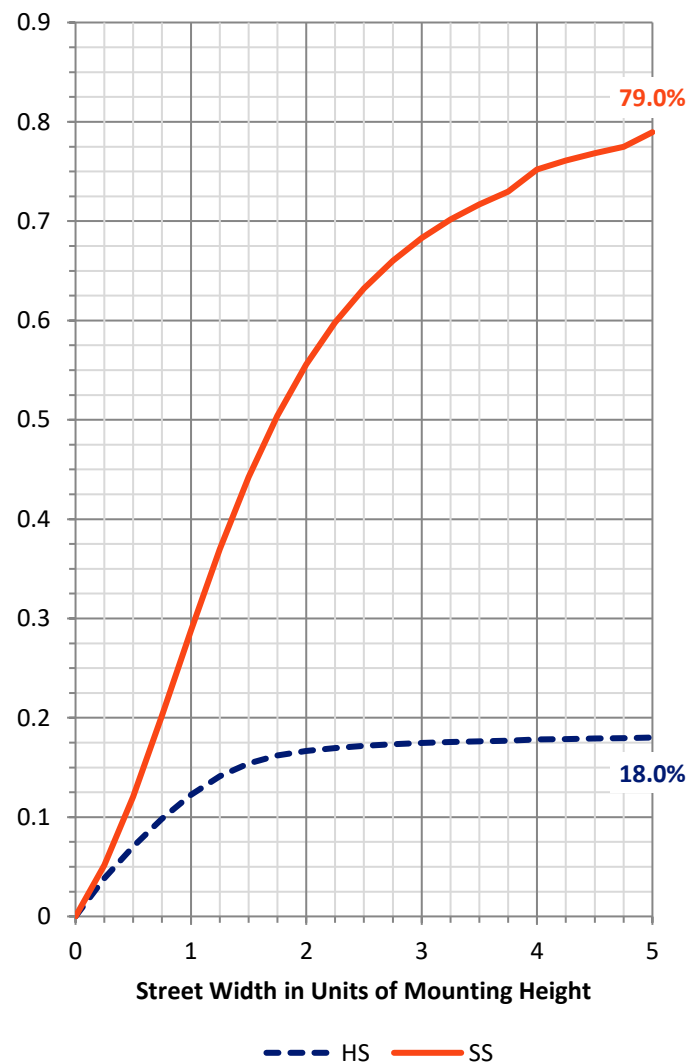
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	283.1	0.3	283.4
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	1271.1	3.4	1274.6
	% Fixture	81.6	0.2	81.8
Total	Lumens	1554.2	3.7	1557.9
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.3
10°-20°	16.4	1.1
20°-30°	37.8	2.4
30°-40°	80.6	5.2
40°-50°	168.7	10.8
50°-60°	320.1	20.5
60°-70°	435.6	28.0
70°-80°	374.5	24.0
80°-90°	116.1	7.5
90°-100°	2.5	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°	1554.2	99.8
0°-180°	1557.9	100.0

Coefficient of Utilization



REPORT NUMBER: P1245508

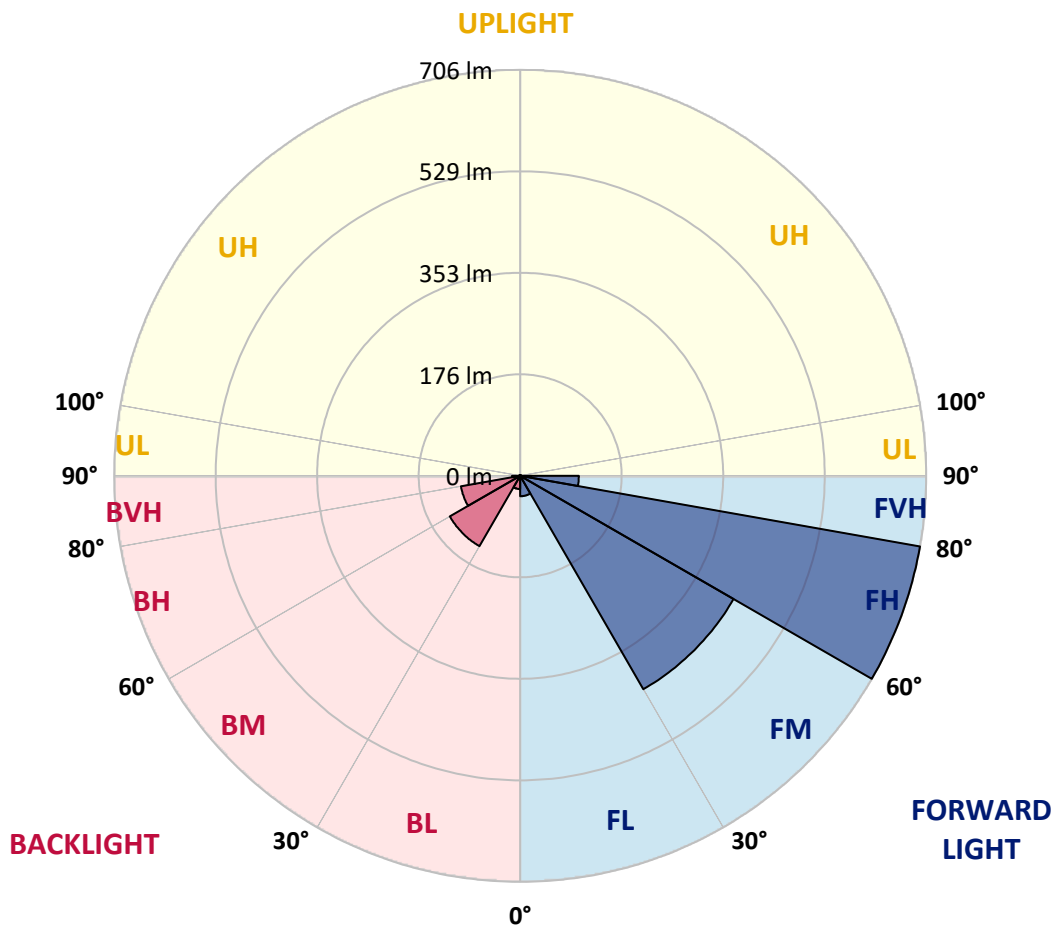
CATALOG NUMBER: TT-D7-AMB-U-DL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	35.5	2.3			
FM	(30°-60°)	428.2	27.5			
FH	(60°-80°)	705.5	45.3			G1/1800
FVH	(80°-90°)	101.9	6.5			G2/225
BL	(0°-30°)	23.1	1.5	B0/110		
BM	(30°-60°)	141.2	9.1	B0/220		
BH	(60°-80°)	104.6	6.7	B0/110		G0/110
BVH	(80°-90°)	14.2	0.9			G1/100
UL	(90°-100°)	2.5	0.2		U1/10	
UH	(100°-180°)	1.3	0.1		U1/10	

BUG Rating: B0-U1-G2

Type IV Short



REPORT NUMBER: P1245508

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	41°	45°	55°	65°	75°	85°
0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
2.5°	46.3	45.9	45.9	45.6	45.6	44.9	44.9	44.6	44.3	44.0	43.3
5°	49.6	49.2	49.2	48.9	48.6	47.9	47.6	46.9	46.3	45.6	44.9
7.5°	53.5	53.2	53.2	52.9	52.2	51.2	50.9	49.9	48.9	47.9	46.9
10°	58.5	58.2	58.2	57.5	56.8	55.8	55.2	53.9	52.9	51.2	49.6
12.5°	63.8	63.4	63.4	62.8	61.5	60.8	60.1	58.5	56.8	54.9	52.9
15°	69.7	69.7	69.7	69.4	68.1	66.8	66.1	64.1	62.1	59.2	56.5
17.5°	77.3	77.0	77.0	76.3	74.7	74.0	73.0	70.7	67.7	64.4	61.1
20°	86.6	86.3	85.6	85.3	83.6	82.9	81.6	79.0	75.0	70.7	66.1
22.5°	95.8	95.8	95.5	95.8	94.5	93.9	92.2	88.6	83.9	77.7	72.0
25°	106.4	106.7	107.4	108.4	106.7	106.1	104.8	100.1	94.5	86.6	78.7
27.5°	119.6	119.6	121.3	122.9	121.6	121.3	119.3	114.3	106.4	96.8	87.6
30°	133.8	134.2	136.8	139.8	139.1	139.1	137.5	131.9	122.3	111.0	98.1
32.5°	150.4	151.7	154.3	157.6	159.9	159.9	159.3	153.3	142.1	126.9	111.0
35°	172.2	169.9	174.8	179.8	184.7	185.7	186.1	180.4	167.5	148.4	126.9
37.5°	191.0	190.7	198.3	206.9	215.1	218.4	219.4	214.1	197.6	172.5	144.1
40°	212.8	214.8	225.0	237.9	251.8	257.4	260.1	254.1	233.6	201.3	163.9
42.5°	235.6	241.6	254.5	274.0	295.1	303.4	306.3	300.7	276.6	237.3	189.0
45°	262.4	270.7	287.8	315.6	343.4	355.6	362.2	360.2	335.4	286.5	221.4
47.5°	295.4	301.4	324.8	362.2	401.5	421.7	430.9	436.5	401.2	337.4	249.8
50°	332.8	333.8	366.2	413.4	470.9	497.7	513.9	511.2	469.3	395.9	285.9
52.5°	370.5	369.5	411.8	475.9	551.2	586.2	597.2	608.1	566.8	485.1	343.7
55°	413.4	411.4	464.6	545.9	639.5	685.7	716.5	731.7	666.6	543.9	368.8
57.5°	449.1	455.4	522.1	620.0	750.5	808.7	828.8	820.6	721.4	573.7	381.0
60°	494.4	503.6	579.6	716.8	846.7	889.9	908.5	870.8	756.4	596.2	389.6
62.5°	537.0	548.9	642.8	795.4	906.8	946.5	951.1	910.1	805.7	640.4	414.7
65°	577.0	590.5	705.5	842.0	959.3	992.4	1000.3	967.9	857.9	666.6	424.7
67.5°	613.7	627.9	737.9	879.4	982.8	1008.3	1009.9	960.7	841.7	653.0	408.8
70°	641.8	648.0	753.5	878.4	955.1	965.0	958.4	908.8	803.7	625.2	386.0
72.5°	647.4	652.0	732.0	829.5	878.1	887.3	882.0	838.4	743.9	575.7	349.0
75°	619.0	620.0	674.2	741.6	776.9	788.2	781.2	740.9	654.0	505.6	300.4
77.5°	544.6	546.6	579.3	624.6	654.3	663.9	658.6	621.6	547.9	424.7	248.5
80°	431.6	435.6	459.0	490.4	517.5	527.4	521.1	491.4	431.3	333.8	194.0
82.5°	294.1	299.1	320.6	346.7	370.5	380.0	374.7	355.9	311.0	240.6	138.5
85°	148.7	154.0	176.1	200.6	221.4	231.7	230.0	222.1	191.3	148.4	83.6
87.5°	23.5	25.8	35.0	46.6	59.5	69.1	63.1	62.5	49.6	39.7	20.2
90°	9.6	9.6	9.3	8.9	7.9	7.3	6.9	5.6	4.3	2.6	1.0
92.5°	8.6	8.6	8.3	7.6	6.9	6.6	5.9	5.0	3.6	2.3	1.0
95°	6.9	6.9	6.6	6.3	5.6	5.3	4.6	4.0	3.0	2.0	1.0
97.5°	5.3	5.3	5.0	4.6	4.3	3.6	3.6	3.0	2.0	1.3	0.7
100°	4.0	4.0	3.6	3.3	3.0	2.6	2.6	2.0	1.3	1.0	0.7
102.5°	2.6	2.6	2.6	2.3	2.0	2.0	1.7	1.3	1.0	0.7	0.7
105°	1.7	1.7	1.7	1.7	1.3	1.0	1.0	0.7	0.7	0.7	0.7
107.5°	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7
110°	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.3

REPORT NUMBER: P1245508

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

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

REPORT NUMBER: P1245508

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

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
2.5°	43.3	43.0	42.3	42.0	41.3	41.3	41.0	40.6	40.6	40.6	40.6
5°	44.3	44.0	43.3	42.6	42.0	41.3	41.0	40.6	40.6	40.6	40.3
7.5°	46.3	45.6	44.6	43.6	42.6	42.0	41.6	41.3	41.0	41.0	41.0
10°	48.6	47.9	46.3	45.3	44.0	43.0	42.6	42.3	42.0	42.0	42.0
12.5°	51.6	50.6	48.6	46.9	45.6	44.6	44.0	43.6	43.6	43.3	43.6
15°	55.2	53.9	51.2	49.2	47.6	46.6	45.9	45.6	45.6	45.6	45.3
17.5°	59.2	57.5	54.2	51.9	49.9	48.9	48.2	47.9	47.9	47.9	47.9
20°	63.8	61.5	57.8	54.9	52.9	51.6	50.9	50.9	50.6	50.9	50.9
22.5°	68.7	66.1	61.5	58.2	55.5	54.2	53.5	53.5	53.5	53.9	54.2
25°	74.7	71.4	65.8	61.5	58.5	57.2	56.5	56.8	56.8	57.2	57.2
27.5°	82.6	77.7	70.7	65.4	62.1	60.5	59.8	60.1	60.5	60.5	60.5
30°	91.5	85.6	76.0	70.4	66.4	64.4	63.8	64.1	64.4	65.1	64.8
32.5°	102.4	95.2	83.9	76.0	71.7	69.4	68.7	68.4	69.1	69.7	69.7
35°	115.7	106.4	93.2	83.9	77.7	74.7	74.0	73.7	74.0	74.7	75.3
37.5°	129.9	118.6	102.4	92.9	85.9	82.6	81.0	79.6	80.0	80.3	81.3
40°	146.1	132.2	113.0	101.5	95.2	91.2	88.9	86.9	87.6	87.6	87.9
42.5°	166.6	149.0	126.2	111.7	105.1	100.8	97.2	94.8	93.5	93.9	92.5
45°	193.3	171.5	142.8	126.2	117.0	110.4	106.1	101.5	98.1	98.8	96.8
47.5°	215.5	189.4	158.3	140.1	130.2	121.9	113.0	106.4	101.8	101.1	99.8
50°	242.6	211.2	176.1	155.3	144.7	132.2	121.6	110.4	102.8	100.8	101.1
52.5°	288.2	249.5	201.6	175.8	157.3	142.4	126.2	110.7	100.5	97.5	98.5
55°	304.7	262.4	214.8	192.7	174.5	151.4	128.2	107.1	93.9	91.2	91.5
57.5°	308.3	262.4	215.8	197.9	182.7	158.6	127.2	98.8	81.3	79.0	78.7
60°	310.3	260.7	212.2	194.0	177.5	151.7	114.3	79.6	62.5	60.8	59.8
62.5°	328.8	274.6	215.8	191.0	167.5	133.2	86.9	50.9	34.7	34.4	33.7
65°	334.4	279.6	220.4	193.0	156.6	103.4	51.6	17.2	3.6	4.0	3.3
67.5°	320.6	268.3	213.8	190.0	153.3	100.8	49.6	14.5	0.0	0.0	0.0
70°	301.4	252.1	202.2	179.8	146.4	96.8	48.6	14.5	0.0	0.0	0.0
72.5°	271.0	229.0	183.7	165.9	134.5	88.9	45.3	13.9	0.0	0.0	0.0
75°	235.3	199.3	160.9	147.1	119.3	78.0	40.6	12.6	0.0	0.0	0.0
77.5°	197.0	166.2	134.5	123.9	100.8	66.4	34.4	10.6	0.0	0.0	0.0
80°	154.7	131.5	106.1	98.8	79.6	52.9	27.4	8.3	0.0	0.0	0.0
82.5°	111.4	95.5	78.3	72.4	58.5	38.3	19.8	5.6	0.0	0.0	0.0
85°	68.7	59.8	50.6	46.9	37.0	23.8	11.9	3.0	0.0	0.0	0.0
87.5°	20.5	19.8	17.8	17.5	12.6	7.3	2.6	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

REPORT NUMBER: P1245508

CATALOG NUMBER: TT-D7-AMB-U-DL-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)