

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: HALO

Report Number: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: BKHDR150CLD2D-LO-6500K

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-2019
Report Number: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ()
Test Lab: INNOVATION CENTER
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: BKHDR150CLD2D-LO-6500K
Description: BULK HEAD 2100LM SEL 5CCT UNV D2D BRONZE at 6500K CCT

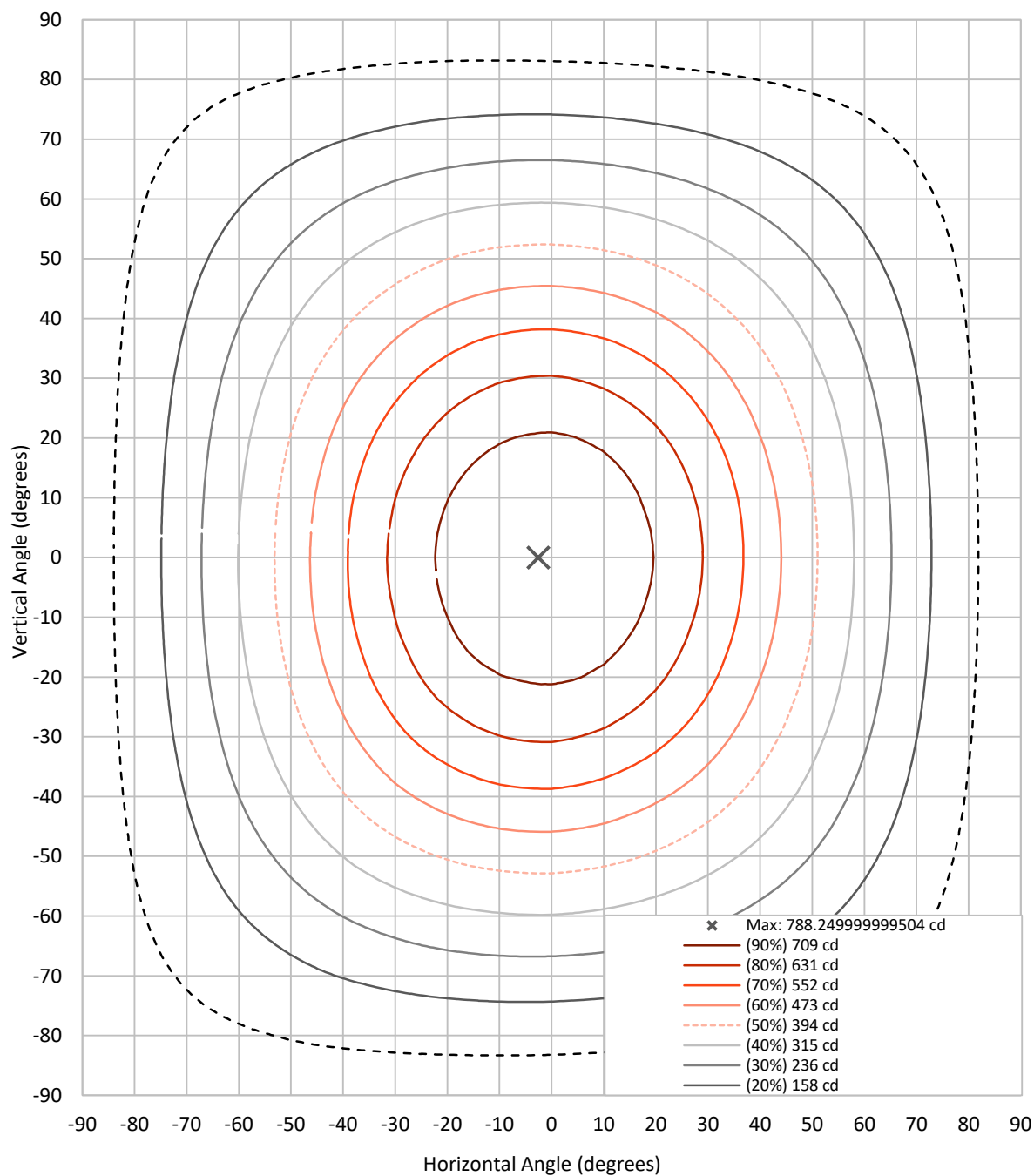
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	2087.9 (1 lamp)	NEMA Type:	7H x 7V
Luminaire Lumens:	2135.3 lumens	Max Intensity:	788.2 candela
Efficiency:	102.3%	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	118.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.76' x H: 0')		
Beam Angle (50%):	104.2°H x 105.3°V	Field Angle (10%):	165.8°H x 166.3°V
Beam Lumens:	1411.8 lumens	Field Lumens:	2092.2 lumens
Beam Efficiency:	66.1%	Field Efficiency:	98.0%
Input Watts (W):	18		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	>0.9		
Total Harmonic Distortion (THDi):	<20		
Frequency (hertz):	60		
Stabilization Time:	HR		
Operation Time:	HR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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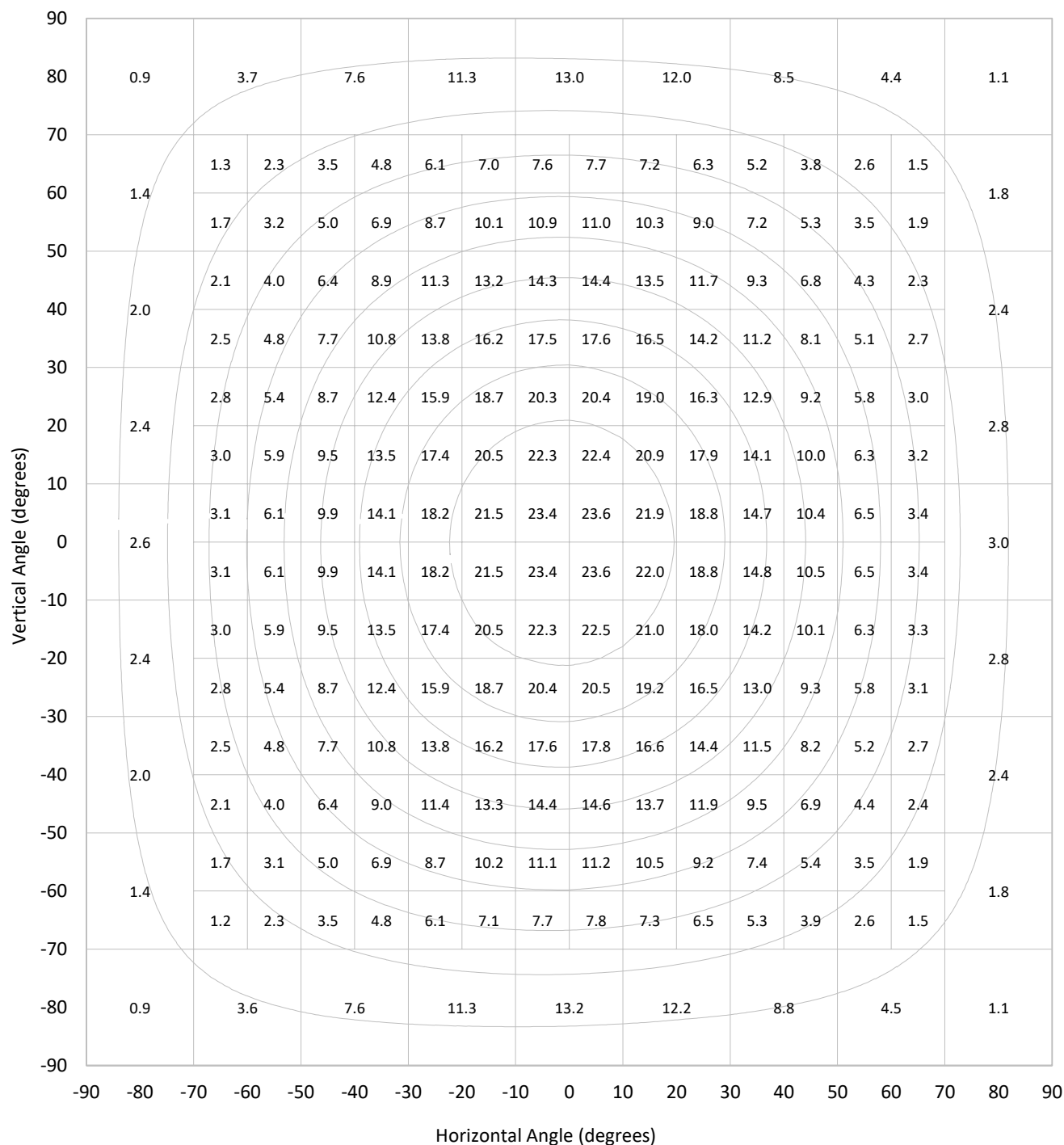
Iso-Candela Plot



REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

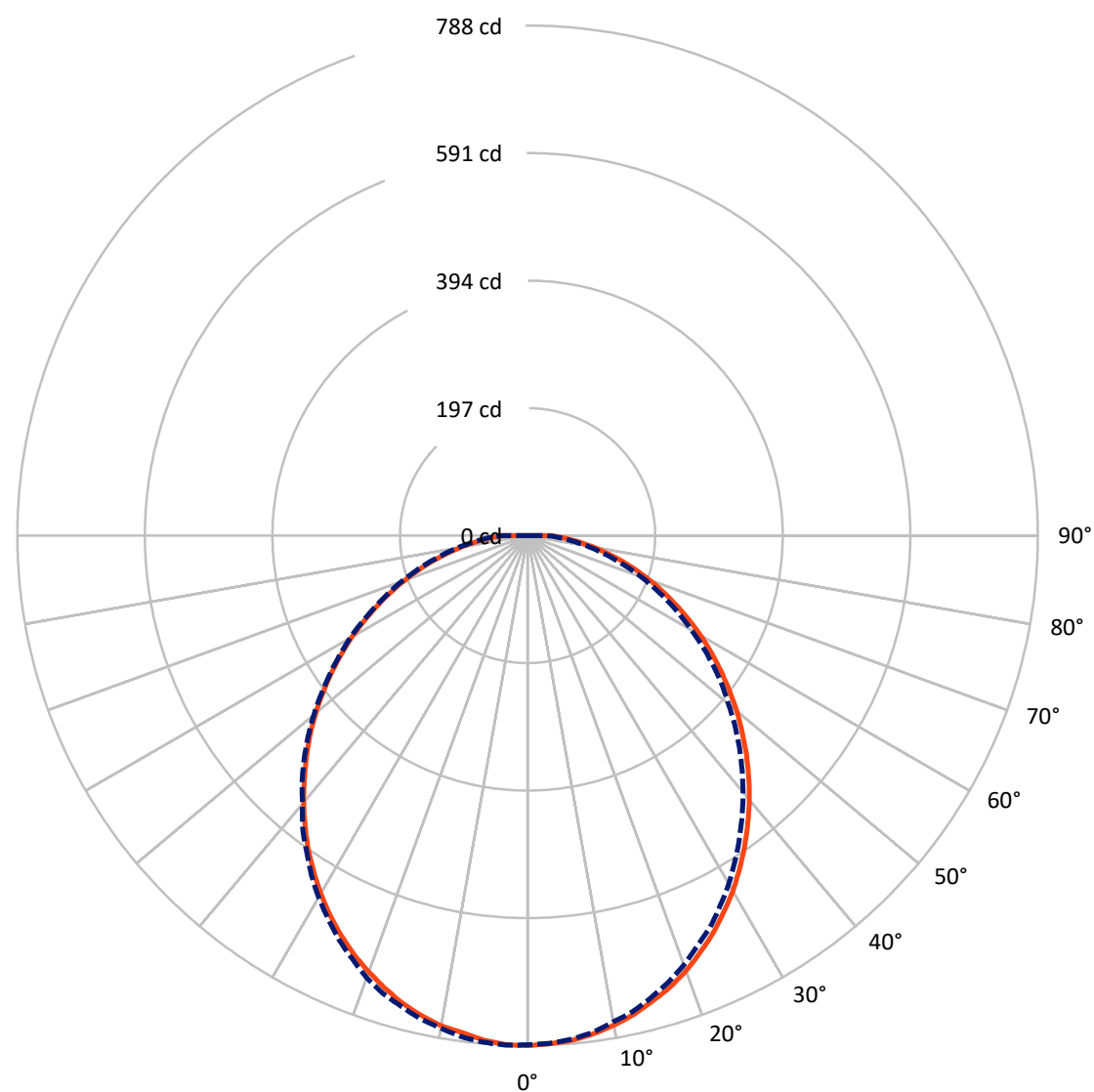
CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

Lumen Table



REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)
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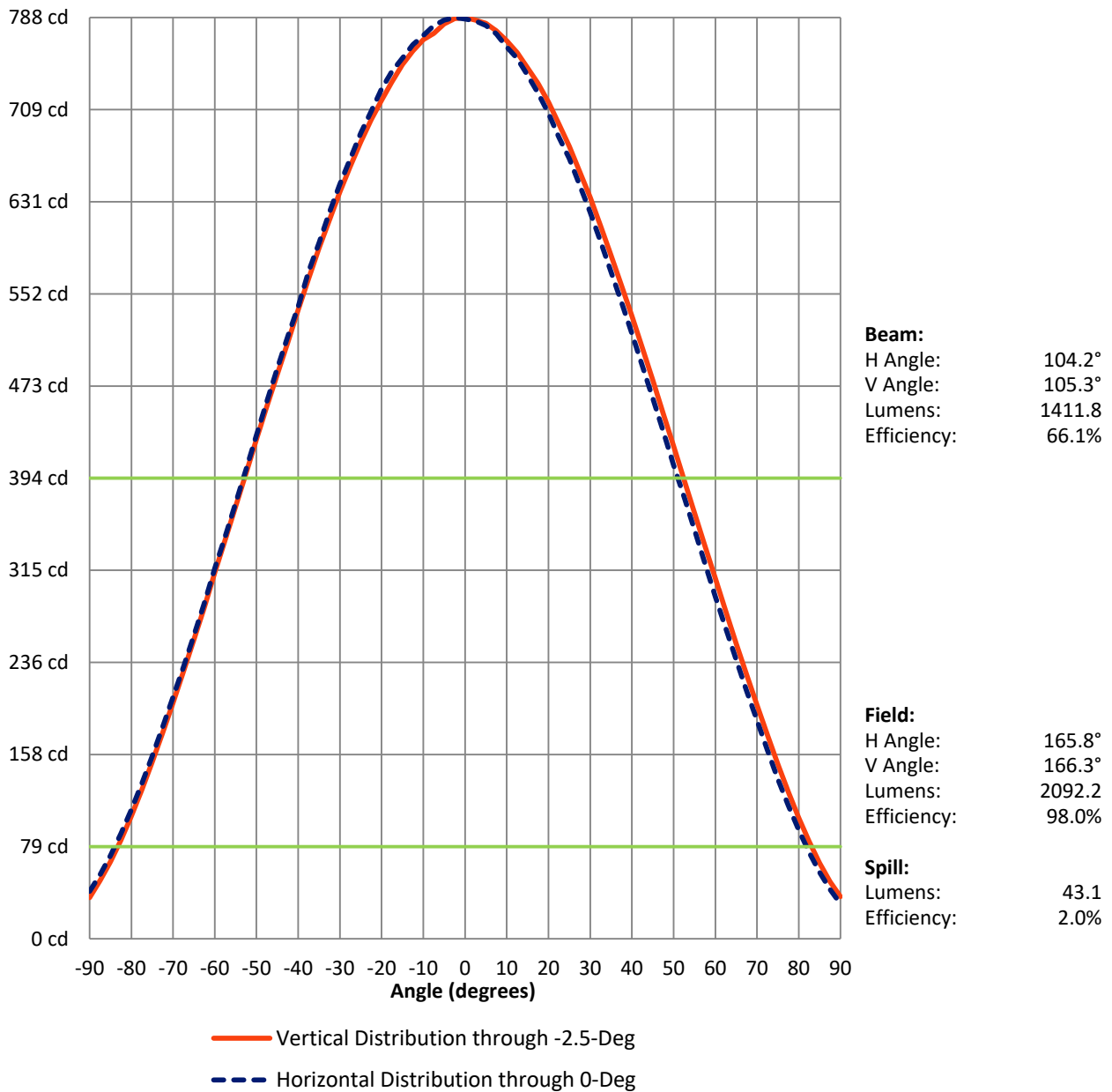
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8
87.5°	40.6	41.2	41.8	42.3	42.9	43.5	44.0	44.6	45.1	45.7	46.1
85°	40.6	41.8	42.9	44.1	45.2	46.4	47.6	48.8	50.0	51.2	52.2
82.5°	40.6	42.4	44.1	45.8	47.7	49.5	51.4	53.2	55.1	57.0	58.7
80°	40.6	42.9	45.3	47.7	50.2	52.7	55.2	57.8	60.4	63.0	65.5
77.5°	40.6	43.5	46.4	49.6	52.7	55.9	59.2	62.5	65.9	69.5	72.8
75°	40.6	44.1	47.7	51.4	55.2	59.2	63.2	67.5	71.8	76.1	80.3
72.5°	40.6	44.6	48.9	53.3	57.8	62.6	67.5	72.5	77.7	82.9	88.0
70°	40.6	45.2	50.1	55.1	60.4	66.0	71.8	77.7	83.7	89.9	96.0
67.5°	40.6	45.8	51.3	57.0	63.1	69.5	76.1	82.9	89.9	97.0	104.2
65°	40.6	46.3	52.4	58.9	65.8	73.0	80.5	88.2	96.2	104.3	112.6
62.5°	40.6	46.9	53.6	60.8	68.4	76.5	84.9	93.5	102.5	111.7	121.1
60°	40.6	47.4	54.8	62.7	71.1	80.1	89.3	98.9	108.9	119.1	129.5
57.5°	40.6	48.0	55.9	64.5	73.8	83.5	93.6	104.3	115.3	126.5	138.0
55°	40.6	48.5	57.0	66.4	76.4	87.0	98.1	109.6	121.7	134.0	146.4
52.5°	40.6	49.0	58.1	68.2	79.0	90.4	102.4	115.0	127.9	141.3	154.8
50°	40.6	49.5	59.2	69.9	81.6	93.7	106.7	120.2	134.2	148.5	163.1
47.5°	40.6	50.0	60.3	71.6	84.0	97.0	110.9	125.4	140.3	155.6	171.2
45°	40.6	50.4	61.3	73.4	86.4	100.3	115.0	130.4	146.2	162.6	179.1
42.5°	40.6	50.9	62.3	75.0	88.8	103.4	119.0	135.3	152.1	169.3	186.8
40°	40.6	51.3	63.2	76.6	91.0	106.5	122.9	140.0	157.7	175.9	194.4
37.5°	40.6	51.7	64.1	78.1	93.1	109.4	126.5	144.5	163.1	182.2	201.6
35°	40.6	52.1	65.0	79.6	95.2	112.2	130.1	148.8	168.3	188.2	208.6
32.5°	40.6	52.4	65.8	80.9	97.2	114.9	133.5	153.0	173.3	193.9	215.1
30°	40.6	52.8	66.6	82.2	99.1	117.4	136.7	156.9	178.0	199.4	221.2
27.5°	40.6	53.1	67.3	83.4	100.8	119.7	139.7	160.5	182.2	204.5	226.9
25°	40.6	53.4	68.0	84.5	102.4	121.9	142.4	163.9	186.2	209.3	232.3
22.5°	40.6	53.7	68.6	85.5	103.9	123.8	144.9	167.0	190.0	213.6	237.3
20°	40.6	53.9	69.1	86.4	105.2	125.6	147.1	169.9	193.4	217.4	241.7
17.5°	40.6	54.1	69.6	87.2	106.4	127.2	149.2	172.5	196.4	220.9	245.6
15°	40.6	54.3	70.0	87.9	107.5	128.6	151.0	174.8	199.1	223.9	249.1
12.5°	40.6	54.4	70.4	88.6	108.4	129.8	152.6	176.7	201.4	226.4	252.2
10°	40.6	54.6	70.7	89.1	109.1	130.8	153.9	178.3	203.3	228.5	254.8
7.5°	40.6	54.7	70.9	89.4	109.7	131.6	154.9	179.5	204.8	230.3	256.8
5°	40.6	54.7	71.1	89.7	110.1	132.2	155.6	180.4	205.9	231.5	258.3
2.5°	40.6	54.8	71.2	89.9	110.3	132.5	156.0	180.9	206.5	232.3	259.2
0°	40.6	54.8	71.2	89.9	110.3	132.6	156.1	181.0	206.7	232.5	259.5
-2.5°	40.6	54.8	71.2	89.9	110.3	132.6	156.1	181.0	206.7	232.5	259.5
-5°	40.6	54.7	71.1	89.8	110.1	132.3	155.8	180.6	206.2	231.9	258.9
-7.5°	40.6	54.7	70.9	89.5	109.7	131.8	155.2	179.8	205.3	230.9	257.7
-10°	40.6	54.6	70.7	89.1	109.2	131.0	154.2	178.7	204.0	229.3	255.9
-12.5°	40.6	54.5	70.4	88.6	108.5	130.0	153.0	177.3	202.3	227.4	253.6
-15°	40.6	54.3	70.1	88.0	107.6	128.9	151.6	175.5	200.2	225.0	250.6
-17.5°	40.6	54.1	69.7	87.3	106.6	127.5	149.8	173.3	197.7	222.2	247.3
-20°	40.6	53.9	69.2	86.5	105.5	125.9	147.8	170.8	194.8	219.0	243.7

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	40.6	53.7	68.7	85.6	104.1	124.2	145.6	168.0	191.5	215.3	239.5
-25°	40.6	53.4	68.1	84.6	102.7	122.2	143.1	165.0	187.7	211.3	234.6
-27.5°	40.6	53.1	67.4	83.6	101.1	120.1	140.4	161.7	183.8	206.8	229.3
-30°	40.6	52.8	66.7	82.4	99.3	117.8	137.4	158.2	179.5	201.8	223.8
-32.5°	40.6	52.5	65.9	81.1	97.5	115.3	134.3	154.3	174.9	196.5	217.8
-35°	40.6	52.1	65.1	79.7	95.5	112.6	130.9	150.1	170.0	190.6	211.6
-37.5°	40.6	51.7	64.2	78.3	93.4	109.9	127.3	145.8	164.9	184.5	204.9
-40°	40.6	51.3	63.3	76.8	91.3	107.0	123.6	141.2	159.6	178.1	197.8
-42.5°	40.6	50.9	62.4	75.2	89.1	103.9	119.7	136.4	153.9	171.6	189.9
-45°	40.6	50.5	61.4	73.5	86.7	100.8	115.7	131.5	148.0	164.9	182.0
-47.5°	40.6	50.0	60.4	71.8	84.3	97.6	111.6	126.4	141.9	158.0	174.0
-50°	40.6	49.5	59.3	70.1	81.8	94.2	107.4	121.1	135.7	150.7	165.9
-52.5°	40.6	49.0	58.2	68.4	79.3	90.9	103.1	115.9	129.3	143.3	157.6
-55°	40.6	48.5	57.1	66.5	76.7	87.4	98.8	110.6	122.8	135.7	149.0
-57.5°	40.6	48.0	56.0	64.7	74.1	84.0	94.3	105.2	116.4	128.1	140.2
-60°	40.6	47.5	54.8	62.8	71.3	80.4	89.9	99.8	110.0	120.4	131.4
-62.5°	40.6	46.9	53.7	61.0	68.7	76.9	85.4	94.3	103.5	113.0	122.6
-65°	40.6	46.3	52.5	59.0	66.0	73.4	81.0	88.9	97.2	105.6	114.1
-67.5°	40.6	45.8	51.3	57.1	63.4	69.8	76.6	83.6	90.8	98.2	105.7
-70°	40.6	45.2	50.1	55.3	60.7	66.4	72.2	78.3	84.5	90.9	97.4
-72.5°	40.6	44.7	48.9	53.4	58.0	62.9	67.9	73.1	78.3	83.7	89.1
-75°	40.6	44.1	47.7	51.5	55.4	59.5	63.7	68.0	72.4	76.8	81.2
-77.5°	40.6	43.5	46.5	49.6	52.8	56.1	59.5	63.0	66.5	70.1	73.7
-80°	40.6	43.0	45.3	47.8	50.3	52.8	55.5	58.1	60.9	63.6	66.3
-82.5°	40.6	42.4	44.2	45.9	47.8	49.7	51.5	53.5	55.4	57.4	59.3
-85°	40.6	41.8	43.0	44.2	45.4	46.6	47.8	49.0	50.2	51.4	52.6
-87.5°	40.6	41.2	41.8	42.4	43.0	43.6	44.2	44.8	45.4	46.0	46.5
-90°	40.6	40.6	40.6	40.6	40.6	40.5	40.5	40.5	40.5	40.5	40.3

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	40.7	40.7	40.7	40.6	40.6	40.6	40.5	40.5	40.2	40.0	39.7
87.5°	46.5	46.9	47.3	47.6	48.0	48.3	48.6	48.9	49.1	49.4	49.6
85°	53.2	54.2	55.2	56.2	57.1	58.0	58.9	59.7	60.5	61.3	62.0
82.5°	60.4	62.1	63.7	65.4	67.1	68.7	70.2	71.7	73.2	74.5	75.8
80°	68.1	70.6	73.0	75.4	77.8	80.2	82.4	84.6	86.8	88.9	90.9
77.5°	76.1	79.4	82.7	86.0	89.2	92.4	95.5	98.6	101.5	104.4	107.1
75°	84.5	88.7	92.9	97.1	101.2	105.4	109.4	113.3	117.0	120.7	124.3
72.5°	93.2	98.4	103.6	108.7	113.9	118.9	123.8	128.6	133.3	137.8	142.2
70°	102.2	108.4	114.6	120.8	126.9	132.9	138.7	144.4	150.3	156.0	161.3
67.5°	111.4	118.7	125.9	133.1	140.2	147.2	154.4	161.4	168.2	174.5	180.6
65°	120.8	129.1	137.4	145.6	154.0	162.3	170.4	178.3	186.0	193.1	200.1
62.5°	130.4	139.7	149.1	158.6	168.0	177.3	186.3	195.1	203.8	212.0	219.9
60°	139.9	150.4	160.9	171.5	181.9	192.2	202.3	212.2	221.8	231.0	239.9
57.5°	149.5	161.1	172.7	184.3	195.8	207.2	218.3	229.2	239.9	250.3	260.0
55°	159.0	171.7	184.4	197.1	209.7	222.1	234.3	246.4	258.0	269.3	280.3
52.5°	168.5	182.2	196.0	209.8	223.5	236.9	250.3	263.3	276.1	288.6	300.6
50°	177.8	192.6	207.5	222.4	237.0	251.7	266.0	280.2	294.2	307.7	320.5
47.5°	186.9	202.8	218.8	234.6	250.5	266.1	281.6	297.1	312.1	326.4	340.2
45°	195.9	212.8	229.8	246.7	263.6	280.3	297.2	313.8	329.6	344.9	359.6
42.5°	204.7	222.6	240.5	258.5	276.4	294.4	312.7	329.8	346.6	362.9	378.6
40°	213.2	232.0	250.9	269.9	288.9	308.6	327.2	345.5	363.3	380.5	397.4
37.5°	221.3	241.0	261.0	280.8	301.5	321.8	341.4	360.7	379.4	397.8	415.7
35°	229.0	249.7	270.6	291.5	313.8	334.5	355.0	375.2	395.1	414.6	433.4
32.5°	236.4	258.0	279.8	302.4	324.7	346.5	368.1	389.2	410.2	430.6	450.4
30°	243.3	265.9	288.5	312.6	335.4	358.1	380.3	402.7	424.4	445.9	466.6
27.5°	249.8	273.3	297.0	321.8	345.1	368.8	392.2	415.3	438.1	460.3	481.7
25°	256.0	280.2	305.3	330.2	354.4	378.7	403.1	427.0	450.7	473.8	496.1
22.5°	261.7	286.5	312.8	337.9	363.1	388.1	413.2	438.1	462.4	486.1	509.4
20°	266.9	292.0	319.4	344.7	370.7	396.7	422.4	448.0	473.2	497.6	521.6
17.5°	271.5	297.6	325.2	351.0	377.5	404.0	430.7	457.0	482.7	507.8	532.5
15°	275.6	302.5	330.2	356.8	383.5	410.8	438.1	465.0	491.0	516.8	541.8
12.5°	279.2	306.7	334.4	361.9	389.1	416.8	444.4	472.2	498.3	524.6	550.1
10°	282.1	310.3	337.8	365.7	393.7	421.7	449.7	478.1	504.3	531.3	557.2
7.5°	284.2	313.0	340.5	368.7	397.2	425.5	453.9	482.3	508.9	535.8	562.9
5°	285.8	315.1	342.5	370.9	399.6	428.4	457.1	485.4	512.3	538.8	567.1
2.5°	286.8	316.4	343.7	372.2	401.0	430.2	459.0	487.3	514.5	540.5	569.8
0°	287.1	316.9	344.2	372.7	401.5	430.9	459.8	488.1	515.3	540.9	570.9
-2.5°	287.1	316.7	344.1	372.6	401.4	430.7	459.6	487.8	515.1	540.9	570.3
-5°	286.5	315.7	343.2	371.6	400.4	429.4	458.3	486.4	513.5	539.8	568.0
-7.5°	285.2	313.9	341.6	369.8	398.5	427.1	455.9	483.8	510.7	537.3	564.3
-10°	283.3	311.4	339.2	367.1	395.4	423.7	452.2	479.9	506.5	533.5	559.0
-12.5°	280.7	308.2	336.0	363.5	391.3	419.3	447.2	474.6	500.8	527.5	552.4
-15°	277.5	304.3	332.0	358.9	386.4	413.7	441.2	468.1	494.1	520.4	544.7
-17.5°	273.8	300.0	327.3	353.6	380.6	407.4	434.5	461.4	486.3	512.2	536.4
-20°	269.5	295.2	321.9	347.7	373.9	400.2	426.7	453.2	477.1	501.7	526.5

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	264.7	289.7	315.6	341.1	366.4	392.3	417.8	442.9	467.4	491.1	515.0
-25°	259.2	283.5	308.3	333.4	358.2	383.5	408.0	432.6	457.6	479.1	501.5
-27.5°	252.8	277.1	301.1	325.2	349.5	373.4	397.3	421.2	444.1	466.9	488.5
-30°	246.4	270.1	293.3	316.5	339.9	362.6	386.4	408.8	431.1	453.3	474.0
-32.5°	239.7	262.6	284.3	306.6	329.0	351.9	373.9	395.7	417.2	437.9	458.8
-35°	232.3	253.8	275.8	297.8	318.5	340.0	360.8	382.2	402.4	422.4	441.6
-37.5°	224.6	245.2	266.6	286.3	306.7	327.2	347.8	367.3	387.2	406.1	424.4
-40°	216.8	236.1	256.0	275.8	295.4	314.2	333.5	352.5	371.0	389.2	406.6
-42.5°	208.7	226.7	245.4	264.6	282.2	301.1	318.9	337.0	354.4	371.6	388.1
-45°	200.1	217.2	234.4	251.9	269.8	286.3	304.0	320.6	337.6	353.4	369.0
-47.5°	190.6	207.5	223.3	239.8	256.2	272.4	288.0	304.3	319.6	335.2	349.6
-50°	181.1	197.1	212.2	227.2	242.5	257.7	272.5	286.7	301.8	315.8	329.7
-52.5°	171.7	186.0	200.8	214.7	228.6	242.6	256.5	270.0	282.8	296.2	309.1
-55°	162.3	175.2	188.5	202.0	214.8	227.5	240.1	252.6	264.9	276.1	287.4
-57.5°	152.5	164.6	176.5	188.6	200.9	212.5	224.0	235.2	246.3	257.1	266.9
-60°	142.5	153.7	164.6	175.5	186.4	197.2	207.7	217.9	228.0	237.4	246.3
-62.5°	132.6	142.6	152.7	162.5	172.2	181.8	191.3	200.5	209.5	218.0	226.0
-65°	122.7	131.7	140.5	149.4	158.2	166.6	175.1	183.3	191.2	198.4	205.5
-67.5°	113.2	120.7	128.7	136.3	144.0	151.6	159.0	166.2	173.2	179.6	185.6
-70°	103.8	110.4	116.9	123.6	130.3	136.7	143.1	149.3	155.3	160.7	165.9
-72.5°	94.7	100.2	105.8	111.3	116.8	122.2	127.7	133.0	137.7	142.2	146.4
-75°	85.7	90.3	94.8	99.4	103.9	108.3	112.7	117.0	120.9	124.5	127.9
-77.5°	77.2	80.8	84.3	87.8	91.4	94.9	98.4	101.8	104.8	107.5	110.0
-80°	69.1	71.7	74.4	77.1	79.7	82.3	84.8	87.2	89.4	91.3	93.1
-82.5°	61.2	63.1	64.9	66.8	68.7	70.5	72.3	74.0	75.4	76.7	77.8
-85°	53.8	55.0	56.2	57.3	58.4	59.5	60.5	61.5	62.2	62.9	63.5
-87.5°	47.0	47.5	48.1	48.6	49.0	49.5	50.0	50.4	50.6	50.7	50.8
-90°	40.2	40.0	39.9	39.7	39.6	39.4	39.3	39.1	38.9	38.8	38.6

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	39.5	39.2	39.0	38.7	38.5	38.2	37.9	37.7	37.4	37.1	36.9
87.5°	49.8	50.0	50.1	50.3	50.4	50.5	50.4	50.3	50.1	49.9	49.7
85°	62.7	63.3	64.0	64.5	65.0	65.4	65.6	65.6	65.7	65.6	65.5
82.5°	77.1	78.3	79.4	80.4	81.3	82.2	82.7	83.1	83.3	83.5	83.6
80°	92.8	94.6	96.2	97.8	99.2	100.5	101.4	102.2	102.8	103.2	103.5
77.5°	109.7	112.1	114.4	116.5	118.6	120.6	122.0	123.2	124.2	124.9	125.4
75°	127.7	130.9	133.9	136.8	139.4	141.8	143.7	145.3	146.6	147.7	148.5
72.5°	146.5	150.6	154.4	157.8	161.0	163.8	166.2	168.2	170.0	171.4	172.7
70°	166.3	170.9	175.3	179.4	183.2	186.6	189.7	192.4	194.7	196.5	198.0
67.5°	186.3	191.8	197.0	201.9	206.3	210.4	214.0	217.1	219.7	221.9	223.7
65°	206.8	213.1	219.0	224.6	229.7	234.4	238.5	242.0	245.1	247.7	249.8
62.5°	227.4	234.5	241.3	247.6	253.4	258.8	263.8	268.0	271.5	274.4	276.8
60°	248.3	256.3	264.0	271.2	277.7	283.7	289.0	294.0	298.2	301.7	304.5
57.5°	269.5	278.4	286.8	294.9	302.5	309.6	316.0	321.5	325.7	329.2	332.0
55°	290.7	300.7	310.2	319.3	327.5	334.8	341.4	347.2	352.1	356.3	359.7
52.5°	311.9	323.0	333.1	342.6	351.5	359.7	367.4	373.9	379.0	383.7	387.5
50°	332.8	344.6	355.7	366.2	375.9	385.0	393.4	400.2	406.4	411.8	415.8
47.5°	353.5	366.1	378.2	389.6	400.1	410.2	419.3	427.2	432.9	438.3	443.0
45°	373.7	387.4	400.5	413.0	424.6	434.4	443.8	452.5	459.8	465.8	470.8
42.5°	393.8	408.6	422.7	435.5	447.7	459.1	469.4	478.5	486.4	492.8	497.7
40°	413.7	429.3	444.1	458.1	471.2	483.1	494.1	503.5	511.8	518.7	524.3
37.5°	433.0	449.5	465.1	479.9	493.8	506.4	517.8	528.0	537.8	544.3	550.1
35°	451.6	469.0	485.3	501.1	515.7	529.1	541.4	552.0	561.9	570.0	575.4
32.5°	469.5	487.6	505.1	521.6	536.8	550.9	564.0	575.2	584.7	593.4	600.1
30°	486.4	505.7	524.0	540.9	557.0	572.1	585.2	597.4	608.3	617.8	624.1
27.5°	502.6	522.7	541.6	559.5	576.4	592.0	606.1	619.0	628.9	637.7	645.2
25°	517.9	538.6	558.4	577.1	594.7	610.6	625.1	637.7	649.0	658.9	665.9
22.5°	531.9	553.4	574.1	593.4	611.3	627.6	642.8	656.3	667.5	677.7	686.1
20°	544.8	567.1	588.2	608.1	626.5	643.7	659.2	672.7	685.0	695.2	703.1
17.5°	556.4	579.3	601.0	621.4	640.4	658.0	673.7	687.9	700.1	710.6	718.6
15°	566.7	590.0	612.3	633.2	652.7	670.8	686.9	701.2	714.0	724.5	732.8
12.5°	575.7	599.1	622.0	643.4	663.4	681.7	698.0	713.0	725.8	736.8	745.7
10°	583.1	606.7	630.1	651.7	672.4	690.8	707.7	722.8	735.9	747.1	755.6
7.5°	588.7	612.8	636.5	658.2	679.1	698.3	715.1	730.7	743.8	754.6	763.6
5°	592.4	617.4	641.3	662.9	684.3	704.2	720.9	736.2	749.4	760.6	769.7
2.5°	594.6	620.4	644.4	666.2	687.7	707.0	725.1	740.1	752.4	763.8	772.7
0°	595.4	621.6	645.7	667.5	689.3	708.0	727.2	742.2	753.5	765.0	772.9
-2.5°	595.1	620.8	644.8	666.7	688.2	707.2	725.4	740.5	752.8	763.8	772.6
-5°	593.4	618.2	641.9	664.2	685.2	704.5	721.8	737.2	751.1	760.6	770.0
-7.5°	590.2	614.2	636.8	659.5	680.6	699.7	716.6	732.1	745.0	755.9	764.6
-10°	585.1	609.1	631.3	652.5	673.9	693.1	709.4	724.4	737.8	749.5	758.4
-12.5°	577.8	601.8	624.7	646.0	666.6	684.5	701.0	716.6	728.2	740.1	748.0
-15°	569.6	593.1	615.3	634.8	655.3	674.2	691.0	705.8	719.0	727.1	735.0
-17.5°	560.0	582.9	605.5	625.8	644.2	663.0	678.4	693.0	705.4	714.8	721.5
-20°	549.1	571.4	593.4	613.6	631.8	648.4	665.5	678.0	689.4	698.3	707.1

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	537.4	558.8	579.2	600.0	618.1	634.6	648.5	662.3	672.6	681.3	688.1
-25°	524.4	545.0	564.9	584.0	602.6	618.7	632.0	643.9	654.9	663.3	669.8
-27.5°	509.1	530.2	549.2	567.2	584.6	600.4	613.2	624.6	635.9	644.5	650.8
-30°	494.1	512.9	532.6	549.9	565.4	579.4	593.1	604.3	613.8	621.8	629.1
-32.5°	478.0	496.3	513.0	531.0	545.6	559.2	570.9	582.2	591.6	599.3	605.9
-35°	460.6	478.8	495.4	509.3	524.2	537.4	549.1	559.6	568.0	575.6	581.9
-37.5°	442.0	459.0	475.6	489.7	501.8	514.1	525.0	535.3	543.8	551.5	556.9
-40°	423.2	439.1	453.6	467.8	480.4	491.5	501.2	510.9	517.9	524.4	530.2
-42.5°	404.1	418.3	431.9	444.7	456.6	467.9	477.4	485.8	493.0	499.2	504.1
-45°	384.1	397.3	409.8	421.5	432.7	442.9	452.1	460.3	467.3	472.8	477.1
-47.5°	363.0	375.8	387.3	398.2	408.3	417.6	426.2	434.1	440.4	445.6	449.7
-50°	342.1	353.4	364.3	374.7	384.0	392.5	400.0	406.9	412.7	417.5	421.5
-52.5°	320.0	331.3	341.4	350.6	359.2	367.1	374.2	380.5	385.8	389.9	393.2
-55°	298.4	308.5	317.5	326.4	334.5	341.7	348.1	353.7	358.4	362.3	365.5
-57.5°	276.2	285.1	294.0	302.1	309.2	315.7	321.7	326.9	331.3	334.8	337.6
-60°	254.9	263.1	270.7	277.8	283.9	290.2	295.9	300.1	303.7	306.9	309.5
-62.5°	233.5	240.5	247.3	253.6	259.7	265.2	270.2	274.0	276.8	279.1	281.0
-65°	212.3	218.7	224.6	230.2	235.2	239.7	243.7	247.0	249.9	252.3	254.1
-67.5°	191.3	196.6	201.7	206.7	211.2	215.3	218.8	221.6	224.0	225.9	227.3
-70°	170.8	175.6	180.0	184.0	187.7	190.9	193.6	195.9	198.0	199.7	200.9
-72.5°	150.5	154.5	158.3	161.7	164.7	167.6	170.0	171.9	173.5	174.7	175.6
-75°	131.1	134.1	136.9	139.5	141.8	144.0	145.8	147.6	149.0	150.1	150.8
-77.5°	112.4	114.8	116.9	118.9	120.6	122.2	123.5	124.7	125.6	126.4	127.0
-80°	94.9	96.7	98.3	99.7	101.0	102.0	102.9	103.7	104.3	104.7	105.0
-82.5°	78.9	80.0	80.9	81.7	82.4	83.1	83.6	84.0	84.4	84.6	84.7
-85°	64.1	64.6	65.1	65.5	65.8	66.1	66.3	66.4	66.5	66.5	66.5
-87.5°	50.9	51.0	51.0	51.1	51.0	51.0	51.0	50.9	50.8	50.6	50.5
-90°	38.4	38.3	38.1	37.9	37.8	37.6	37.3	37.0	36.7	36.4	36.1

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	36.6	36.3	36.1	35.8	35.5	35.1	34.8	34.4	34.1	33.7	33.4
87.5°	49.5	49.2	48.9	48.6	48.3	47.9	47.6	47.2	46.8	46.4	46.0
85°	65.3	65.1	64.8	64.4	64.1	63.6	63.2	62.7	62.1	61.4	60.7
82.5°	83.6	83.4	83.2	82.8	82.4	81.9	81.2	80.5	79.6	78.7	77.6
80°	103.7	103.6	103.4	103.1	102.6	101.9	101.1	100.1	99.0	97.7	96.3
77.5°	125.7	125.8	125.7	125.4	124.8	124.0	123.0	121.8	120.4	118.7	116.9
75°	149.0	149.3	149.3	149.0	148.3	147.4	146.1	144.6	142.8	140.8	138.5
72.5°	173.6	174.1	174.3	174.2	173.3	172.2	170.6	168.7	166.5	164.0	161.3
70°	199.0	199.7	199.9	199.7	198.8	197.5	195.8	193.8	191.3	188.5	185.3
67.5°	224.9	225.7	226.0	225.9	225.0	223.6	221.8	219.5	216.7	213.5	209.7
65°	251.3	252.2	252.6	252.5	251.5	250.1	248.0	245.5	242.4	238.7	234.5
62.5°	278.6	279.7	280.3	280.3	279.2	277.5	275.1	272.1	268.6	264.5	259.8
60°	306.6	307.9	308.5	308.4	307.3	305.4	302.7	299.4	295.3	290.6	285.6
57.5°	334.2	335.6	336.2	336.1	335.1	333.2	330.7	327.4	323.2	318.3	312.6
55°	362.2	363.8	364.5	364.4	363.2	361.2	358.3	354.5	349.8	344.6	338.7
52.5°	390.3	392.0	392.9	392.8	391.5	389.4	386.2	382.1	377.0	371.1	364.7
50°	418.8	420.7	421.6	421.4	420.1	417.8	414.5	410.3	405.0	398.6	391.3
47.5°	446.5	448.5	449.5	449.4	448.2	445.9	442.6	437.8	431.7	424.7	417.1
45°	474.4	476.9	478.1	478.1	476.7	474.1	470.4	465.6	459.3	451.7	443.2
42.5°	501.3	504.1	505.7	505.8	504.1	501.0	496.7	491.7	485.6	477.8	468.9
40°	528.7	531.6	532.9	532.8	531.4	528.5	524.3	518.5	511.1	502.4	492.9
37.5°	554.6	557.5	559.0	558.9	557.1	553.7	548.9	543.4	536.7	528.3	517.6
35°	580.0	583.2	584.7	584.7	582.9	579.6	574.8	568.6	561.2	550.7	540.6
32.5°	605.2	608.4	609.9	609.6	607.8	604.2	599.1	592.4	583.9	574.1	563.4
30°	628.7	632.3	634.4	634.8	632.4	628.3	622.6	615.6	607.2	596.7	584.9
27.5°	651.0	654.8	656.2	656.1	654.1	650.3	644.6	637.5	627.8	617.2	605.7
25°	672.3	676.1	678.0	678.0	675.9	671.9	665.8	657.9	648.4	637.6	624.5
22.5°	692.1	695.3	697.1	697.2	695.0	691.0	685.1	677.2	667.5	655.5	642.6
20°	709.2	713.2	715.9	716.7	714.3	709.5	702.9	694.7	684.5	672.4	658.6
17.5°	726.0	729.4	731.9	732.1	729.7	725.1	718.7	711.1	700.2	688.1	673.0
15°	739.1	743.8	745.1	745.2	742.9	738.7	732.0	724.0	713.4	701.2	686.6
12.5°	751.5	755.8	758.2	758.6	755.9	751.6	745.0	735.7	725.0	711.7	697.6
10°	762.0	765.5	768.3	769.0	765.5	762.0	754.6	745.9	734.7	722.0	705.6
7.5°	770.3	774.9	776.9	777.0	773.5	769.9	763.1	753.8	742.8	728.8	712.4
5°	776.4	780.6	783.2	782.7	778.7	776.2	769.0	759.9	748.0	734.8	719.3
2.5°	779.8	784.2	786.0	785.0	783.4	778.3	771.6	762.8	752.1	738.1	722.6
0°	781.2	786.0	788.2	787.0	785.4	781.4	774.2	763.0	753.2	738.8	723.6
-2.5°	780.0	785.0	787.3	785.2	783.1	778.3	771.6	761.9	751.5	737.4	722.2
-5°	776.9	781.1	782.8	782.8	778.9	774.8	767.7	758.5	747.1	733.8	718.6
-7.5°	771.4	774.8	774.6	776.8	774.8	768.4	762.3	753.1	741.8	728.3	713.0
-10°	763.5	767.7	769.3	769.5	766.5	761.8	754.7	745.8	734.6	721.3	706.3
-12.5°	753.5	757.4	759.7	759.2	756.5	751.8	745.6	736.1	725.1	712.1	697.4
-15°	741.9	745.9	748.0	748.5	745.6	739.9	732.8	724.5	713.8	701.1	686.6
-17.5°	725.8	730.8	733.4	733.6	730.9	726.3	719.5	712.4	700.8	688.1	673.7
-20°	711.4	715.6	717.5	717.1	715.7	711.7	704.7	696.2	685.2	672.9	659.3

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	693.5	697.9	700.8	701.2	698.3	693.3	686.3	677.6	667.7	656.2	643.6
-25°	675.2	679.2	681.8	682.4	679.1	673.7	666.8	658.3	649.8	639.1	625.6
-27.5°	655.6	658.9	661.0	661.3	658.3	653.6	647.8	640.1	629.9	619.0	607.0
-30°	634.3	637.5	639.1	638.8	636.0	631.4	625.3	618.3	609.4	598.0	585.7
-32.5°	610.2	613.4	615.1	615.1	612.6	608.3	602.2	594.0	585.4	575.9	564.6
-35°	586.4	589.4	590.9	591.0	588.4	584.2	578.3	571.1	562.9	552.9	542.2
-37.5°	560.7	563.4	564.8	564.7	562.3	558.3	552.8	546.3	538.2	528.2	518.5
-40°	534.3	536.9	538.1	537.9	535.5	531.8	526.7	520.5	513.1	504.7	495.0
-42.5°	507.3	509.3	510.1	509.8	507.9	504.7	500.3	494.4	486.7	478.3	469.7
-45°	480.3	482.2	483.0	482.6	480.6	477.5	473.3	468.0	461.2	452.9	444.3
-47.5°	452.7	454.8	455.7	455.4	453.3	450.2	445.9	440.7	434.5	427.2	419.2
-50°	424.6	426.5	427.4	427.1	425.2	422.3	418.3	413.3	407.5	401.2	393.7
-52.5°	395.8	397.5	398.2	398.0	396.4	393.7	390.1	385.6	380.3	374.1	366.6
-55°	367.8	369.2	369.8	369.5	367.8	365.3	361.9	357.7	352.7	346.9	340.3
-57.5°	339.6	340.8	341.3	341.0	339.4	337.0	333.8	329.9	325.4	320.1	314.2
-60°	311.5	312.7	313.2	313.0	311.5	309.2	306.3	302.7	298.5	293.7	288.3
-62.5°	282.5	283.3	283.5	283.0	281.8	280.0	277.5	274.4	270.8	266.6	261.9
-65°	255.3	255.9	255.9	255.4	254.3	252.6	250.4	247.6	244.3	240.4	236.1
-67.5°	228.2	228.7	228.7	228.2	227.1	225.6	223.6	221.2	218.3	214.9	211.1
-70°	201.7	202.0	201.9	201.4	200.4	199.0	197.2	195.1	192.5	189.6	186.3
-72.5°	176.1	176.3	176.1	175.6	174.7	173.5	172.0	170.1	167.9	165.3	162.4
-75°	151.2	151.4	151.2	150.7	149.8	148.6	147.2	145.5	143.5	141.2	138.7
-77.5°	127.3	127.4	127.3	126.9	126.1	125.1	123.8	122.4	120.7	118.9	116.8
-80°	105.1	105.1	104.9	104.6	103.9	103.0	102.0	100.8	99.5	98.0	96.4
-82.5°	84.7	84.6	84.4	84.1	83.4	82.7	81.9	81.0	79.9	78.8	77.5
-85°	66.3	66.2	65.9	65.6	65.1	64.5	63.8	63.1	62.4	61.5	60.7
-87.5°	50.3	50.0	49.8	49.5	49.1	48.6	48.1	47.6	47.1	46.5	46.0
-90°	35.8	35.5	35.2	34.9	34.7	34.5	34.2	34.0	33.8	33.6	33.3

REPORT NUMBER: P1209897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	33.0	32.7	32.5	32.3	32.1	31.9	31.8	31.6	31.4	31.2	31.0
87.5°	45.5	45.0	44.5	43.9	43.4	42.8	42.2	41.6	41.0	40.4	39.7
85°	59.9	59.1	58.2	57.3	56.4	55.4	54.3	53.2	52.1	50.9	49.7
82.5°	76.5	75.2	73.9	72.5	71.0	69.4	67.7	66.1	64.4	62.6	60.8
80°	94.7	93.0	91.1	89.2	87.2	85.1	82.8	80.5	78.0	75.5	72.9
77.5°	114.9	112.7	110.3	107.7	104.9	102.0	99.0	95.9	92.7	89.4	86.1
75°	136.0	133.3	130.3	127.1	123.7	120.2	116.5	112.7	108.5	104.2	100.1
72.5°	158.4	155.1	151.6	147.7	143.6	139.2	134.7	130.0	125.0	119.9	115.0
70°	181.7	177.9	173.8	169.2	164.4	159.3	154.0	148.4	142.3	136.3	130.4
67.5°	205.4	200.9	196.1	191.1	185.7	179.9	173.9	167.5	160.7	153.7	146.6
65°	229.7	224.6	219.5	213.9	207.3	200.4	193.7	186.6	178.9	171.4	163.4
62.5°	254.5	249.1	243.1	236.5	229.3	221.8	214.3	205.8	197.1	188.9	179.7
60°	280.0	273.7	266.8	259.6	252.0	243.8	234.7	225.4	216.1	206.3	196.2
57.5°	306.0	298.7	291.0	283.0	274.4	265.2	255.9	245.9	234.9	224.0	213.2
55°	332.1	324.7	316.1	306.8	297.1	287.2	276.4	265.4	254.4	242.5	229.8
52.5°	357.3	348.8	339.9	330.4	320.3	308.7	297.2	285.6	272.7	260.1	247.1
50°	382.9	373.7	364.0	353.5	342.3	330.2	318.2	304.6	291.6	277.6	263.4
47.5°	408.5	398.9	388.2	376.4	364.3	351.7	338.2	324.4	309.8	294.8	279.8
45°	433.4	422.8	411.3	399.6	386.6	372.3	358.2	343.7	327.9	312.4	295.5
42.5°	459.0	447.1	434.8	421.8	407.5	393.4	377.7	362.1	346.1	328.8	311.9
40°	483.0	470.7	458.1	443.5	428.8	412.8	397.2	380.5	363.2	345.6	327.0
37.5°	505.9	493.1	480.3	465.1	449.1	432.4	415.7	398.1	380.0	361.2	342.1
35°	529.2	515.3	501.1	485.6	469.1	451.7	433.6	415.1	396.0	376.4	356.2
32.5°	550.0	536.9	521.6	505.0	487.8	470.0	451.0	431.5	411.4	390.7	369.9
30°	571.4	557.0	540.2	524.2	505.8	487.1	467.3	446.8	425.9	404.6	382.4
27.5°	591.7	576.0	559.6	541.2	523.4	503.0	482.9	461.3	439.5	416.8	394.3
25°	610.3	594.2	577.1	558.9	539.3	518.8	496.0	475.0	452.5	429.6	406.2
22.5°	627.7	611.0	593.3	574.3	554.3	533.7	511.0	487.5	463.6	439.9	415.5
20°	644.0	626.8	608.3	588.7	568.0	546.1	523.2	497.4	474.4	450.3	425.5
17.5°	657.5	641.3	621.6	601.6	580.1	557.8	534.9	510.2	484.8	459.1	434.2
15°	670.6	651.8	633.7	612.0	590.4	567.9	544.3	518.8	492.0	467.2	441.1
12.5°	680.5	663.2	644.3	622.1	599.9	576.5	552.2	527.2	500.1	474.2	447.4
10°	689.4	671.8	650.7	630.6	607.4	584.1	559.3	533.7	507.7	480.2	452.5
7.5°	696.6	677.7	658.3	637.3	613.5	589.6	564.5	538.7	512.2	484.8	456.8
5°	701.8	682.2	663.7	641.7	618.1	593.5	568.0	542.2	515.4	487.7	460.0
2.5°	704.9	685.1	666.7	644.0	620.8	595.9	570.1	544.2	517.3	489.5	461.9
0°	706.3	685.9	667.5	644.7	621.6	596.5	570.6	544.7	517.9	490.2	462.6
-2.5°	705.2	685.1	666.2	643.6	620.5	595.7	569.9	543.9	517.2	489.6	461.9
-5°	702.0	682.2	663.0	640.6	617.7	593.2	567.5	541.6	515.1	487.7	459.9
-7.5°	696.3	677.5	658.0	635.8	613.2	589.1	563.6	537.8	511.7	484.5	456.7
-10°	689.2	670.4	650.8	629.2	606.8	583.3	558.2	532.5	506.8	479.9	452.3
-12.5°	680.6	662.3	642.3	620.7	598.8	575.5	551.3	525.9	500.4	474.1	447.1
-15°	670.1	652.3	632.6	611.7	589.7	566.3	542.7	518.1	492.8	467.1	440.8
-17.5°	658.0	640.5	621.2	600.9	579.2	556.5	532.9	508.8	484.2	459.0	433.3
-20°	644.2	626.8	608.2	588.5	567.3	545.4	522.3	498.5	474.2	449.7	424.6

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	628.3	611.5	593.9	574.7	554.2	532.7	510.4	487.3	463.7	439.4	414.9
-25°	611.1	595.3	577.9	559.2	539.6	518.9	497.3	474.9	452.1	428.3	404.6
-27.5°	592.4	577.5	560.5	542.8	523.8	503.9	483.0	461.6	439.4	416.6	393.5
-30°	572.7	558.3	542.2	525.1	506.8	487.7	467.8	447.1	425.7	404.0	381.8
-32.5°	552.0	538.0	522.6	506.3	488.8	470.7	451.6	431.6	411.4	390.5	369.1
-35°	529.8	516.5	502.4	486.5	470.1	452.6	434.4	415.6	396.2	376.2	355.8
-37.5°	507.5	494.9	480.5	466.1	450.4	433.8	416.7	398.7	380.3	361.3	341.8
-40°	483.1	471.7	459.0	444.8	430.0	414.5	398.2	381.3	363.7	345.7	327.1
-42.5°	459.8	448.1	436.2	423.2	409.3	394.6	379.2	363.2	346.6	329.4	312.2
-45°	435.0	424.6	413.3	401.0	388.0	374.1	359.6	344.6	328.9	313.1	296.2
-47.5°	410.2	400.5	390.1	378.3	366.1	353.0	339.6	325.5	311.2	295.4	279.6
-50°	385.0	375.8	365.7	354.9	343.7	331.7	319.3	306.2	291.7	277.4	263.2
-52.5°	358.6	350.5	341.4	331.6	321.2	310.4	298.1	285.1	272.6	259.8	246.7
-55°	333.0	325.2	317.2	308.2	298.3	287.6	276.8	265.4	253.9	242.1	229.9
-57.5°	307.5	300.5	292.8	284.4	275.4	265.7	256.0	245.7	234.9	224.2	213.2
-60°	282.5	275.6	268.2	260.8	252.7	244.1	235.1	225.8	216.2	206.4	196.4
-62.5°	256.5	250.7	244.3	237.4	230.1	222.4	214.6	206.2	197.5	188.6	179.6
-65°	231.1	225.8	220.5	214.6	208.1	201.2	194.0	186.7	179.0	171.0	163.0
-67.5°	206.7	202.0	197.0	191.7	186.2	180.3	174.0	167.4	160.6	153.6	146.5
-70°	182.6	178.5	174.2	169.7	164.9	159.7	154.2	148.5	142.7	136.7	130.6
-72.5°	159.1	155.5	151.8	147.8	143.6	139.3	134.8	130.1	125.2	120.2	115.0
-75°	135.9	133.0	130.1	127.0	123.6	120.1	116.4	112.5	108.5	104.3	100.2
-77.5°	114.6	112.2	109.9	107.3	104.7	101.9	99.0	95.9	92.7	89.4	86.1
-80°	94.6	92.8	90.9	89.0	87.0	84.8	82.5	80.2	77.9	75.4	72.8
-82.5°	76.2	74.8	73.5	72.2	70.7	69.1	67.5	65.9	64.2	62.5	60.7
-85°	59.7	58.8	57.9	57.0	56.1	55.1	54.1	53.0	51.9	50.8	49.6
-87.5°	45.4	44.7	44.3	43.7	43.2	42.7	42.1	41.5	40.9	40.3	39.7
-90°	33.1	32.9	32.7	32.5	32.3	32.1	31.8	31.6	31.4	31.2	31.0

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	30.8	30.7	30.5	30.4	30.2	30.1	29.9	29.8	29.6	29.6	29.7
87.5°	39.3	38.8	38.2	37.7	37.2	36.6	36.0	35.4	34.8	34.3	33.7
85°	48.6	47.5	46.4	45.3	44.2	43.1	42.0	40.9	39.7	38.6	37.5
82.5°	59.1	57.4	55.7	53.9	52.1	50.3	48.5	46.6	44.9	43.1	41.4
80°	70.5	68.0	65.5	63.0	60.5	58.0	55.5	52.9	50.4	47.9	45.4
77.5°	82.9	79.6	76.2	72.8	69.4	66.1	62.7	59.4	56.1	52.9	49.7
75°	96.0	91.9	87.6	83.4	79.0	74.7	70.4	66.2	62.1	58.1	54.2
72.5°	110.0	104.7	99.5	94.3	89.1	83.8	78.5	73.4	68.4	63.4	58.7
70°	124.3	118.2	112.1	105.8	99.4	93.2	87.0	80.9	74.9	69.0	63.3
67.5°	139.3	132.2	124.9	117.6	110.3	102.9	95.6	88.6	81.6	74.8	68.2
65°	155.1	146.7	138.2	129.7	121.3	113.0	104.6	96.3	88.4	80.6	73.1
62.5°	170.8	161.5	151.9	142.2	132.7	123.1	113.7	104.4	95.3	86.6	78.0
60°	186.4	176.0	165.6	154.9	144.1	133.5	122.9	112.5	102.3	92.5	83.1
57.5°	201.8	190.6	179.0	167.5	155.6	143.9	132.2	120.7	109.5	98.6	88.1
55°	217.7	205.1	192.5	179.7	167.1	154.2	141.5	128.8	116.6	104.6	93.1
52.5°	233.2	219.7	205.9	192.1	178.2	164.4	150.6	137.1	123.6	110.6	98.1
50°	249.1	234.0	219.3	204.2	189.3	174.4	159.7	145.0	130.6	116.6	103.0
47.5°	264.1	248.5	232.2	216.4	200.3	184.2	168.6	152.9	137.6	122.4	108.0
45°	279.2	262.2	245.2	227.8	210.9	194.0	177.3	160.7	144.2	128.1	112.7
42.5°	293.4	275.7	257.7	239.3	221.4	203.4	185.7	168.4	150.7	133.8	117.4
40°	308.3	288.8	269.7	250.6	231.2	212.7	194.2	175.6	157.2	139.2	121.9
37.5°	322.5	301.8	281.5	261.3	241.2	221.6	202.0	182.6	163.5	144.4	126.2
35°	335.6	315.0	292.2	271.5	250.9	229.9	209.5	189.4	169.5	149.3	130.4
32.5°	348.2	326.3	303.9	281.7	259.8	238.0	216.8	195.9	175.1	154.2	134.4
30°	360.2	337.5	315.1	290.6	268.3	246.0	223.6	201.8	180.3	158.8	138.1
27.5°	371.7	348.0	324.4	299.9	276.5	253.2	229.9	207.2	185.2	163.3	141.5
25°	381.7	357.8	333.3	308.8	284.1	259.7	235.9	212.5	189.8	167.4	144.7
22.5°	391.4	366.9	341.7	316.8	290.4	265.9	241.5	217.3	194.1	171.0	147.6
20°	400.5	375.1	349.2	323.3	296.7	271.5	246.7	221.7	197.9	174.2	150.4
17.5°	408.2	382.2	355.9	329.3	302.6	276.8	251.2	225.6	201.2	177.1	152.9
15°	414.4	388.6	361.6	334.8	307.7	281.4	254.9	229.1	204.0	179.7	155.0
12.5°	420.4	394.2	366.7	339.4	312.1	285.1	258.1	232.0	206.4	181.8	156.9
10°	425.9	398.6	370.8	343.2	315.6	287.9	260.6	234.4	208.5	183.6	158.5
7.5°	430.0	401.7	374.1	346.2	318.1	290.0	262.8	236.3	210.1	185.0	159.7
5°	432.5	403.9	376.4	348.3	319.9	291.6	264.4	237.7	211.2	186.0	160.6
2.5°	433.9	405.0	377.8	349.6	321.0	292.5	265.3	238.5	211.9	186.6	161.1
0°	434.4	405.2	378.3	350.0	321.3	292.8	265.7	238.8	212.1	186.8	161.3
-2.5°	433.8	404.8	377.7	349.5	320.9	292.5	265.3	238.5	211.9	186.6	161.1
-5°	432.2	403.6	376.2	348.1	319.7	291.6	264.4	237.7	211.2	186.0	160.6
-7.5°	429.6	401.3	373.6	345.9	317.8	290.1	262.8	236.4	210.0	185.0	159.6
-10°	425.4	398.1	370.2	342.8	315.1	287.9	260.6	234.5	208.4	183.5	158.4
-12.5°	420.1	393.7	366.0	338.9	311.6	285.1	258.0	232.0	206.4	181.7	156.7
-15°	414.0	388.2	360.9	334.2	307.4	281.5	254.9	229.1	204.0	179.6	154.8
-17.5°	407.2	381.6	355.1	328.8	302.4	276.8	251.2	225.6	201.1	177.0	152.6
-20°	399.4	373.9	348.5	322.6	296.8	271.6	246.7	221.6	197.8	174.0	150.1

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	390.6	365.6	340.8	315.7	290.7	265.9	241.6	217.2	193.9	170.7	147.2
-25°	380.8	356.6	332.4	308.1	284.2	259.7	236.0	212.4	189.6	167.0	144.1
-27.5°	370.1	346.8	323.3	299.9	276.6	253.2	230.0	207.2	185.0	162.9	140.9
-30°	359.2	336.4	313.7	291.1	268.3	246.0	223.5	201.6	180.0	158.4	137.4
-32.5°	347.4	325.4	303.4	281.8	259.8	238.2	216.6	195.7	174.7	153.7	133.7
-35°	335.0	314.0	292.8	271.6	250.9	229.9	209.3	189.1	169.0	148.6	129.7
-37.5°	321.9	301.9	281.6	261.2	241.3	221.4	201.8	182.3	163.0	143.5	125.5
-40°	308.5	289.1	269.7	250.6	231.3	212.5	193.8	175.2	156.6	138.3	121.1
-42.5°	294.0	275.7	257.6	239.4	221.2	203.2	185.4	167.8	149.8	132.8	116.5
-45°	279.0	262.1	245.1	227.8	210.7	193.6	176.7	160.0	143.0	127.2	111.9
-47.5°	264.0	248.3	232.2	216.1	200.0	183.8	167.9	151.9	136.3	121.4	107.1
-50°	248.8	234.0	219.1	204.1	189.0	173.8	158.8	143.6	129.4	115.5	102.2
-52.5°	233.2	219.6	205.8	191.8	177.7	163.7	149.2	135.6	122.4	109.6	97.3
-55°	217.6	205.1	192.3	179.4	166.4	153.2	139.9	127.4	115.3	103.6	92.2
-57.5°	201.9	190.3	178.7	166.8	154.8	142.5	130.7	119.2	108.2	97.5	87.2
-60°	186.1	175.7	165.0	154.1	143.0	132.2	121.5	111.0	101.1	91.5	82.1
-62.5°	170.4	160.9	151.2	141.4	131.7	121.9	112.4	103.0	94.1	85.5	77.1
-65°	154.7	146.2	137.7	129.0	120.4	111.8	103.4	95.0	87.2	79.5	72.1
-67.5°	139.3	131.9	124.4	116.9	109.4	101.9	94.5	87.2	80.3	73.7	67.2
-70°	124.3	117.9	111.5	105.1	98.6	92.2	85.9	79.6	73.6	67.9	62.4
-72.5°	109.8	104.4	99.1	93.7	88.2	82.8	77.4	72.2	67.1	62.3	57.7
-75°	95.9	91.5	87.1	82.7	78.2	73.8	69.4	65.0	60.9	57.0	53.2
-77.5°	82.7	79.2	75.7	72.2	68.7	65.1	61.7	58.2	54.9	51.8	48.8
-80°	70.3	67.7	65.0	62.4	59.7	57.0	54.4	51.7	49.1	46.9	44.6
-82.5°	58.8	57.0	55.1	53.2	51.3	49.4	47.5	45.6	43.8	42.2	40.6
-85°	48.5	47.3	46.1	44.9	43.6	42.4	41.2	39.9	38.7	37.7	36.8
-87.5°	39.1	38.5	37.9	37.3	36.6	36.0	35.3	34.7	34.0	33.6	33.1
-90°	30.9	30.8	30.8	30.7	30.6	30.5	30.5	30.4	30.3	30.3	30.2

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CATALOG NUMBER: BKHDR150CLD2D-LO-6500K

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	29.7	29.7	29.8	29.8	29.8	29.9	29.9
87.5°	33.2	32.7	32.1	31.6	31.0	30.5	29.9
85°	36.4	35.2	34.2	33.1	32.0	31.0	29.9
82.5°	39.7	38.0	36.3	34.6	33.1	31.5	29.9
80°	43.1	40.8	38.5	36.2	34.1	32.0	29.9
77.5°	46.6	43.6	40.7	37.9	35.1	32.5	29.9
75°	50.3	46.5	42.9	39.5	36.2	33.0	29.9
72.5°	54.1	49.6	45.2	41.1	37.2	33.5	29.9
70°	57.9	52.6	47.6	42.8	38.3	34.0	29.9
67.5°	61.8	55.8	49.9	44.4	39.3	34.4	29.9
65°	65.8	58.9	52.3	46.1	40.3	34.9	29.9
62.5°	69.8	62.0	54.7	47.8	41.3	35.4	29.9
60°	73.9	65.2	57.1	49.4	42.4	35.9	29.9
57.5°	78.0	68.4	59.5	51.1	43.4	36.4	29.9
55°	82.1	71.6	61.8	52.7	44.3	36.8	29.9
52.5°	86.1	74.8	64.0	54.4	45.3	37.3	29.9
50°	90.2	77.9	66.4	55.9	46.2	37.7	29.9
47.5°	94.1	81.0	68.7	57.5	47.2	38.1	29.9
45°	98.0	84.0	70.9	59.0	48.1	38.5	29.9
42.5°	101.7	86.9	73.1	60.4	49.0	38.9	29.9
40°	105.4	89.8	75.2	61.8	49.8	39.2	29.9
37.5°	108.9	92.5	77.2	63.0	50.6	39.6	29.9
35°	112.2	95.1	79.1	64.4	51.4	39.9	29.9
32.5°	115.4	97.6	80.9	65.6	52.1	40.2	29.9
30°	118.4	99.9	82.6	66.8	52.8	40.5	29.9
27.5°	121.2	102.0	84.2	67.9	53.5	40.8	29.9
25°	123.8	104.1	85.7	69.0	54.1	41.0	29.9
22.5°	126.2	106.0	87.1	69.9	54.6	41.3	29.9
20°	128.4	107.7	88.4	70.7	55.1	41.5	29.9
17.5°	130.3	109.1	89.5	71.5	55.5	41.7	29.9
15°	132.0	110.4	90.4	72.1	55.9	41.8	29.9
12.5°	133.5	111.6	91.3	72.7	56.2	42.0	29.9
10°	134.6	112.5	91.9	73.1	56.5	42.1	29.9
7.5°	135.5	113.2	92.5	73.5	56.7	42.1	29.9
5°	136.2	113.7	92.8	73.7	56.8	42.2	29.9
2.5°	136.5	114.0	93.0	73.9	56.9	42.2	29.9
0°	136.6	114.1	93.1	73.9	56.9	42.3	29.9
-2.5°	136.5	113.9	93.0	73.8	56.9	42.2	29.9
-5°	136.1	113.6	92.8	73.7	56.8	42.2	29.9
-7.5°	135.4	113.1	92.4	73.4	56.6	42.1	29.9
-10°	134.4	112.3	91.8	73.0	56.4	42.0	29.9
-12.5°	133.2	111.4	91.1	72.6	56.1	41.9	29.9
-15°	131.7	110.2	90.3	72.0	55.8	41.8	29.9
-17.5°	130.0	108.9	89.3	71.3	55.4	41.6	29.9
-20°	128.0	107.4	88.2	70.6	55.0	41.4	29.9

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	125.8	105.7	86.9	69.7	54.5	41.2	29.9
-25°	123.4	103.8	85.5	68.8	53.9	41.0	29.9
-27.5°	120.7	101.7	84.0	67.7	53.3	40.7	29.9
-30°	117.9	99.5	82.3	66.6	52.7	40.4	29.9
-32.5°	114.8	97.2	80.6	65.4	52.0	40.1	29.9
-35°	111.6	94.7	78.7	64.1	51.2	39.8	29.9
-37.5°	108.3	92.0	76.8	62.8	50.4	39.5	29.9
-40°	104.7	89.3	74.8	61.5	49.6	39.1	29.9
-42.5°	101.0	86.4	72.7	60.1	48.8	38.8	29.9
-45°	97.3	83.4	70.5	58.7	47.9	38.4	29.9
-47.5°	93.4	80.4	68.3	57.2	47.0	38.0	29.9
-50°	89.5	77.3	66.0	55.6	46.1	37.6	29.9
-52.5°	85.4	74.2	63.6	54.0	45.1	37.2	29.9
-55°	81.4	71.0	61.3	52.4	44.1	36.7	29.9
-57.5°	77.2	67.8	59.0	50.7	43.1	36.3	29.9
-60°	73.2	64.5	56.6	49.1	42.2	35.8	29.9
-62.5°	69.1	61.4	54.2	47.4	41.1	35.3	29.9
-65°	65.0	58.2	51.8	45.7	40.1	34.8	29.9
-67.5°	61.0	55.1	49.4	44.0	39.1	34.4	29.9
-70°	57.1	52.0	47.1	42.4	38.0	33.9	29.9
-72.5°	53.3	48.9	44.7	40.8	37.0	33.4	29.9
-75°	49.5	45.9	42.5	39.1	36.0	32.9	29.9
-77.5°	45.9	43.0	40.2	37.5	34.9	32.4	29.9
-80°	42.4	40.2	38.0	36.0	33.9	31.9	29.9
-82.5°	39.0	37.4	35.9	34.4	32.9	31.4	29.9
-85°	35.8	34.8	33.8	32.8	31.9	30.9	29.9
-87.5°	32.7	32.2	31.8	31.3	30.9	30.4	29.9
-90°	30.2	30.1	30.1	30.0	30.0	29.9	29.9

(END OF REPORT)