

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: P92731

Luminaire Tested: **LRC-B64-4-LED-E1-VAT**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P92731
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P22216-R2)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: LRC-B64-4-LED-E1-VAT
Description: LRC CANOPY LUMINAIRE
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8019 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.9' x L: 0.9' x H: 0.1')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B3 - U0 - G0

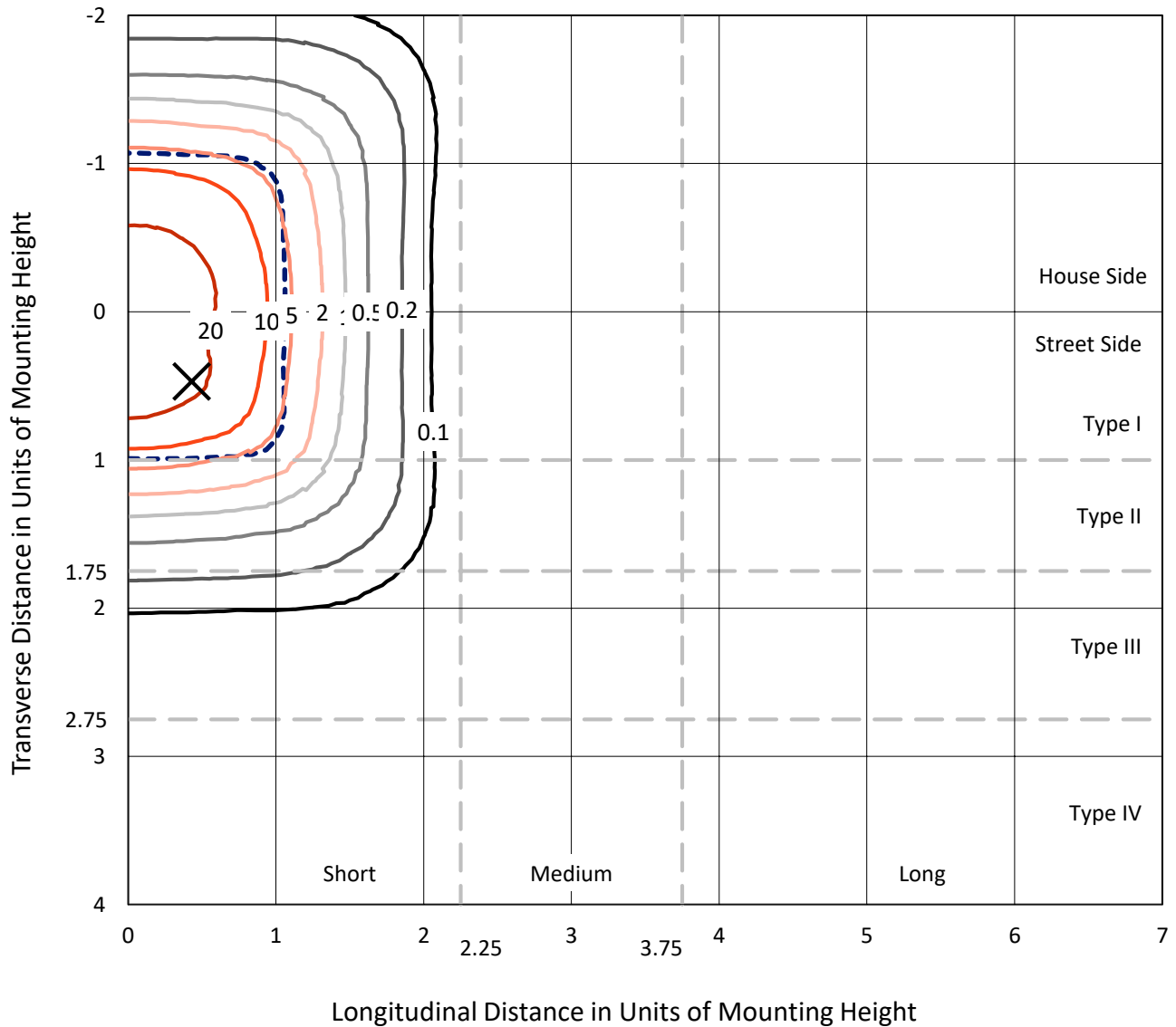
Input Watts (W): 88
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P92731
 CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

Iso-Footcandle Lines of Horizontal Illumination

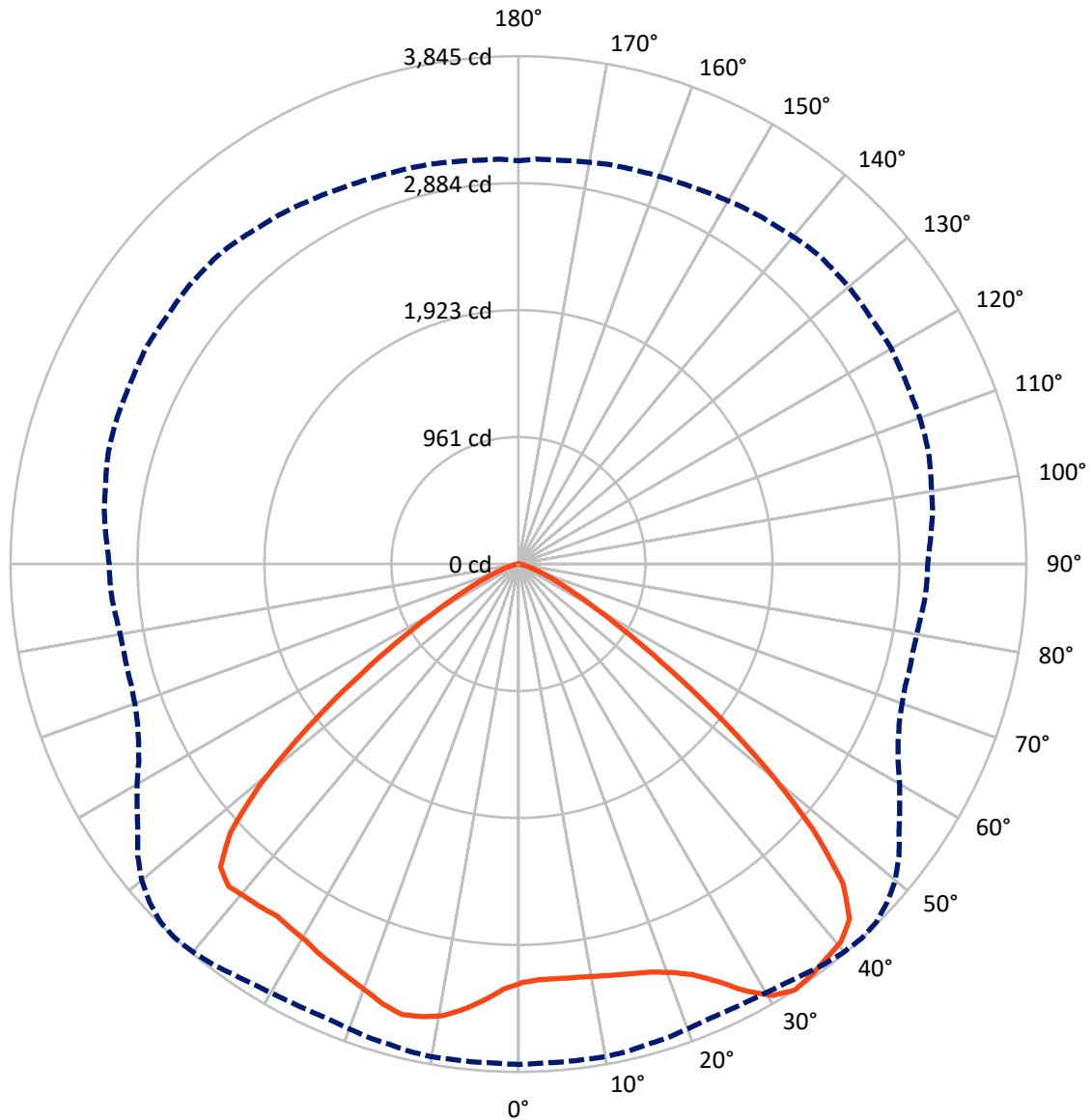
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 33.1 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P92731
CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

Luminous Intensity Polar Plot



— Vertical Plane Through 42.5-Deg Lateral - - - Horizontal Cone Through 32.5-Deg Vertical

REPORT NUMBER: P92731

CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

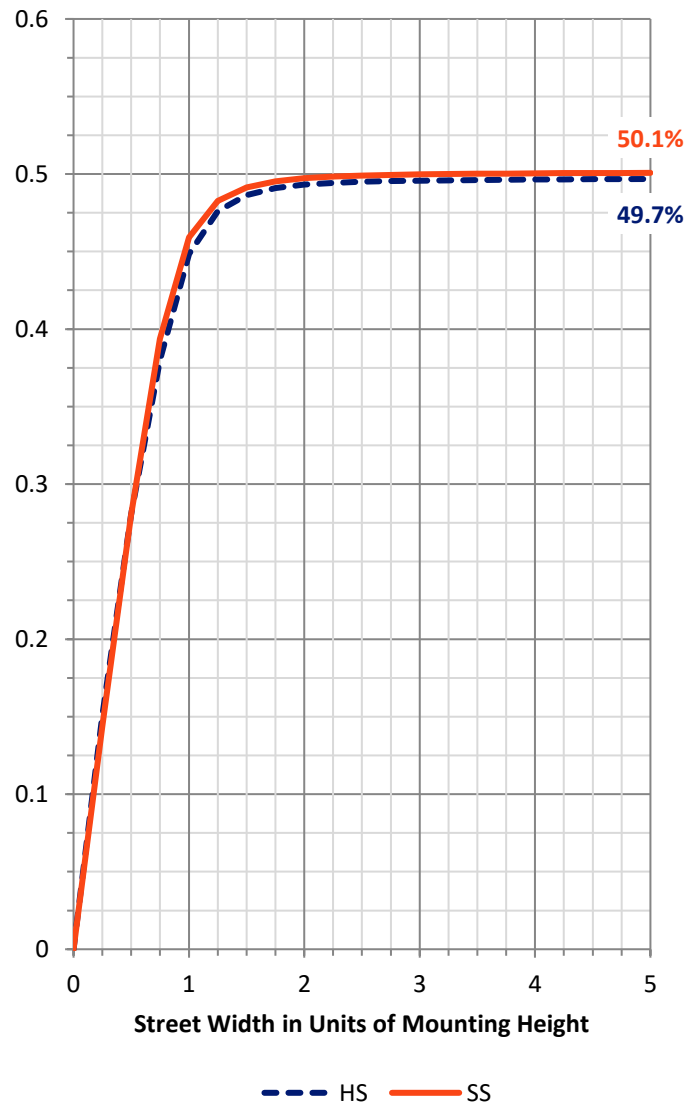
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4006.8	0.0	4006.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4012.2	0.0	4012.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	8019.0	0.0	8019.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	309.8	3.9
10°-20°	936.1	11.7
20°-30°	1549.2	19.3
30°-40°	2105.6	26.3
40°-50°	2003.8	25.0
50°-60°	842.8	10.5
60°-70°	216.4	2.7
70°-80°	48.3	0.6
80°-90°	7.1	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8019.0	100.0
0°-180°	8019.0	100.0



REPORT NUMBER: P92731

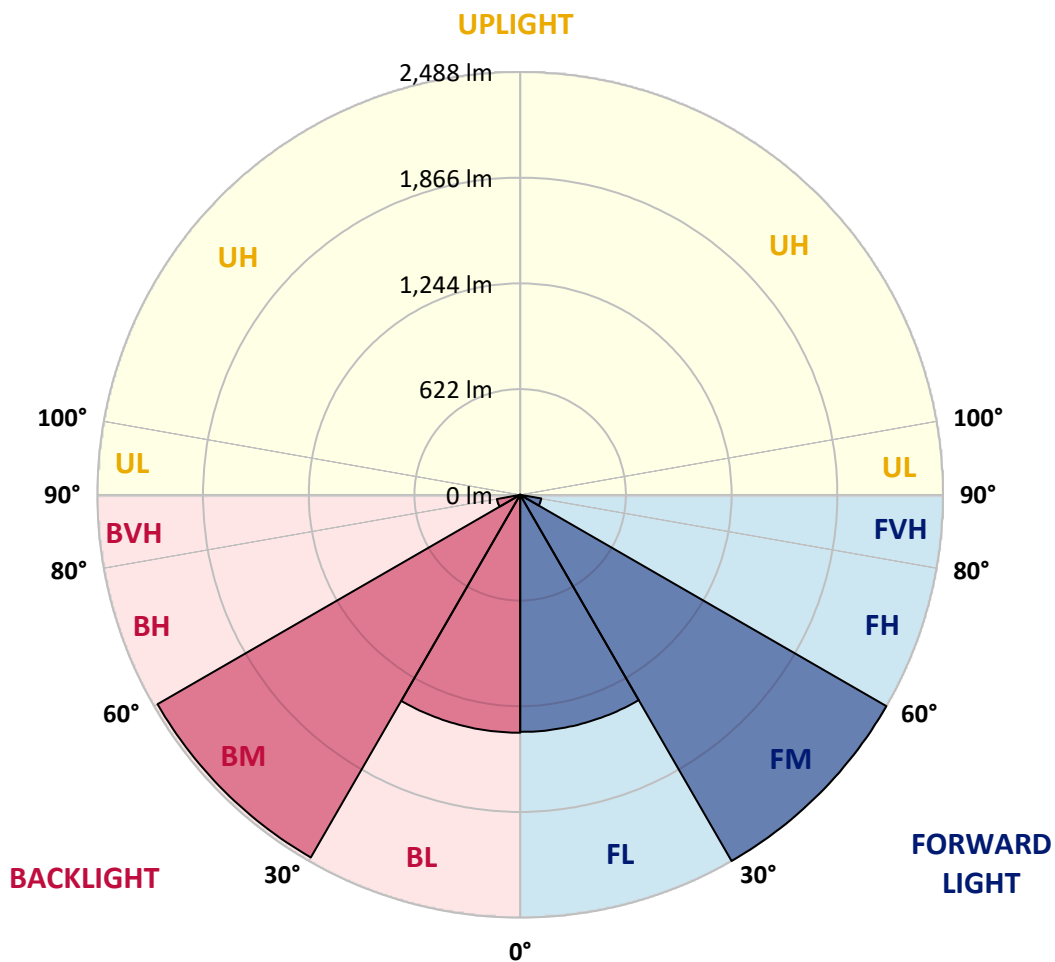
CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1395.0	17.4			
FM	(30°-60°)	2488.0	31.0			
FH	(60°-80°)	125.6	1.6			G0/660
FVH	(80°-90°)	3.5	0.0			G0/10
BL	(0°-30°)	1400.0	17.5	B3/2500		
BM	(30°-60°)	2464.1	30.7	B2/2500		
BH	(60°-80°)	139.1	1.7	B1/500		G0/660
BVH	(80°-90°)	3.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short





REPORT NUMBER: P92731

CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5
2.5°	3122.2	3121.3	3123.2	3127.1	3123.2	3123.2	3123.2	3126.1	3129.0	3128.0	3126.1
5°	3093.3	3096.2	3099.1	3099.1	3100.0	3100.0	3102.0	3105.8	3111.6	3115.5	3113.6
7.5°	3072.1	3079.8	3083.6	3079.8	3086.5	3088.5	3087.5	3091.4	3102.0	3111.6	3115.5
10°	3075.9	3082.7	3086.5	3081.7	3087.5	3090.4	3093.3	3098.1	3109.7	3119.4	3126.1
12.5°	3109.7	3112.6	3116.5	3112.6	3118.4	3126.1	3131.9	3137.7	3149.3	3157.0	3164.7
15°	3192.7	3197.5	3195.6	3196.6	3197.5	3203.3	3212.0	3216.8	3223.6	3229.4	3233.2
17.5°	3297.9	3300.8	3302.7	3305.6	3314.3	3318.2	3333.6	3337.5	3340.4	3342.3	3340.4
20°	3446.5	3447.5	3449.4	3450.4	3458.1	3462.9	3470.7	3475.5	3477.4	3472.6	3461.0
22.5°	3609.6	3609.6	3611.6	3610.6	3621.2	3626.1	3639.6	3644.4	3641.5	3628.0	3610.6
25°	3715.8	3716.8	3722.6	3727.4	3741.9	3752.5	3766.0	3774.7	3767.9	3760.2	3748.6
27.5°	3695.5	3702.3	3708.1	3722.6	3737.0	3752.5	3770.8	3774.7	3786.3	3796.9	3798.8
30°	3701.3	3703.3	3708.1	3712.9	3717.7	3724.5	3733.2	3738.0	3743.8	3749.6	3761.2
32.5°	3789.2	3782.4	3784.3	3784.3	3787.2	3781.4	3766.0	3760.2	3744.8	3733.2	3734.1
35°	3832.6	3829.7	3834.5	3832.6	3835.5	3834.5	3831.6	3822.9	3803.6	3789.2	3767.9
37.5°	3674.3	3680.1	3694.6	3699.4	3713.9	3725.5	3748.6	3755.4	3764.1	3773.7	3771.8
40°	3234.2	3245.8	3266.1	3286.3	3320.1	3359.7	3412.8	3464.9	3515.1	3552.7	3585.5
42.5°	2521.0	2540.3	2564.4	2594.3	2644.5	2716.9	2802.8	2887.7	2988.1	3083.6	3160.9
45°	1835.7	1847.3	1867.6	1895.5	1945.7	2001.7	2082.8	2182.2	2289.3	2416.7	2524.8
47.5°	1278.8	1288.5	1305.8	1327.1	1362.8	1413.9	1478.6	1556.8	1654.3	1755.6	1860.8
50°	866.7	877.3	890.8	905.3	928.5	969.0	1017.3	1078.1	1148.5	1232.5	1319.4
52.5°	610.0	610.0	614.8	628.3	645.7	668.8	699.7	743.2	792.4	851.3	912.1
55°	427.6	429.5	433.4	441.1	453.6	472.9	493.2	522.1	557.9	603.2	643.8
57.5°	295.3	299.2	302.1	306.9	317.5	331.0	345.5	366.8	394.7	428.5	457.5
60°	203.6	203.6	208.5	211.4	218.1	228.7	240.3	254.8	277.0	301.1	327.2
62.5°	139.0	139.0	140.9	142.8	147.7	156.4	164.1	176.6	192.1	209.4	234.5
65°	94.6	94.6	96.5	98.4	103.3	106.2	112.0	120.6	130.3	143.8	160.2
67.5°	67.6	68.5	69.5	70.5	72.4	74.3	78.2	83.0	89.8	97.5	110.0
70°	50.2	50.2	51.2	51.2	53.1	54.0	56.0	58.9	63.7	68.5	76.2
72.5°	37.6	37.6	37.6	37.6	38.6	39.6	40.5	42.5	45.4	49.2	53.1
75°	28.0	28.0	28.0	28.0	29.0	29.0	29.9	30.9	32.8	34.7	36.7
77.5°	20.3	20.3	20.3	20.3	20.3	20.3	21.2	22.2	22.2	24.1	26.1
80°	13.5	13.5	13.5	13.5	13.5	14.5	14.5	14.5	15.4	15.4	16.4
82.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	9.7	9.7
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	4.8	4.8
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.0	1.9	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P92731

CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5
2.5°	3130.0	3130.9	3132.9	3135.8	3141.5	3148.3	3150.2	3144.4	3152.2	3158.0	3155.1
5°	3119.4	3120.3	3123.2	3130.0	3140.6	3149.3	3153.1	3150.2	3158.9	3164.7	3166.6
7.5°	3123.2	3127.1	3128.0	3136.7	3149.3	3158.0	3159.9	3162.8	3168.6	3174.4	3179.2
10°	3132.9	3139.6	3139.6	3148.3	3161.8	3170.5	3174.4	3177.3	3185.0	3190.8	3195.6
12.5°	3174.4	3181.1	3184.0	3190.8	3196.6	3195.6	3193.7	3188.8	3187.9	3191.7	3192.7
15°	3239.0	3237.1	3236.1	3235.2	3232.3	3223.6	3217.8	3211.0	3205.2	3198.5	3191.7
17.5°	3338.4	3329.8	3318.2	3302.7	3290.2	3268.0	3247.7	3226.5	3212.0	3197.5	3185.9
20°	3444.6	3423.4	3406.0	3383.8	3360.6	3332.6	3299.8	3264.1	3229.4	3202.4	3175.3
22.5°	3587.4	3557.5	3533.4	3503.5	3467.8	3418.5	3377.0	3334.6	3290.2	3242.9	3201.4
25°	3730.3	3707.1	3681.1	3646.3	3600.0	3557.5	3499.6	3443.6	3392.5	3334.6	3274.7
27.5°	3795.9	3790.1	3787.2	3774.7	3747.7	3705.2	3658.9	3593.2	3532.4	3464.9	3389.6
30°	3771.8	3783.4	3802.7	3817.2	3825.8	3815.2	3791.1	3743.8	3684.9	3609.6	3526.6
32.5°	3739.9	3747.7	3762.1	3786.3	3814.3	3834.5	3845.1	3832.6	3788.2	3723.5	3631.8
35°	3757.3	3757.3	3757.3	3759.2	3775.6	3808.5	3822.0	3819.1	3806.5	3762.1	3679.1
37.5°	3783.4	3784.3	3784.3	3780.5	3785.3	3789.2	3788.2	3786.3	3757.3	3720.6	3648.3
40°	3636.7	3684.0	3724.5	3749.6	3771.8	3768.9	3760.2	3739.9	3706.2	3641.5	3573.0
42.5°	3260.3	3362.6	3458.1	3549.8	3614.5	3663.7	3675.3	3656.9	3618.3	3557.5	3481.3
45°	2664.8	2821.1	2966.9	3139.6	3265.1	3378.0	3442.7	3461.0	3447.5	3393.5	3296.9
47.5°	2001.7	2166.8	2333.7	2545.1	2715.0	2875.2	2995.8	3073.0	3088.5	3047.0	2947.6
50°	1431.3	1569.3	1718.9	1918.7	2093.4	2272.9	2433.1	2540.3	2576.0	2545.1	2452.4
52.5°	998.9	1105.1	1219.9	1383.1	1525.9	1690.0	1840.5	1952.5	1992.1	1974.7	1906.2
55°	705.5	776.9	859.0	976.7	1087.7	1202.6	1313.6	1406.2	1454.5	1451.6	1396.6
57.5°	509.6	555.0	610.0	692.0	771.2	849.3	917.9	983.5	1016.3	1020.2	985.4
60°	359.0	396.7	439.1	494.2	547.2	597.4	638.9	681.4	703.6	709.4	690.1
62.5°	251.9	287.6	319.5	353.2	389.0	421.8	450.7	472.0	486.4	489.3	480.6
65°	178.6	201.7	224.9	252.9	275.1	296.3	314.6	328.1	336.8	337.8	331.0
67.5°	122.6	138.0	156.4	176.6	194.0	206.5	219.1	227.8	233.6	231.6	223.9
70°	84.0	96.5	108.1	120.6	132.2	143.8	151.5	157.3	161.2	156.4	148.6
72.5°	59.8	66.6	75.3	82.0	89.8	96.5	101.3	105.2	107.1	102.3	97.5
75°	41.5	46.3	50.2	55.0	59.8	63.7	65.6	66.6	67.6	65.6	61.8
77.5°	28.0	30.9	32.8	36.7	39.6	40.5	41.5	42.5	42.5	40.5	38.6
80°	18.3	20.3	21.2	22.2	24.1	25.1	26.1	26.1	26.1	25.1	23.2
82.5°	10.6	10.6	11.6	12.5	13.5	13.5	14.5	14.5	14.5	13.5	13.5
85°	4.8	4.8	5.8	5.8	5.8	5.8	6.8	6.8	6.8	5.8	5.8
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P92731

CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5
2.5°	3154.1	3156.0	3160.9	3158.9	3162.8	3162.8	3167.6	3171.5	3172.4	3171.5	3176.3
5°	3169.5	3177.3	3182.1	3184.0	3185.0	3188.8	3194.6	3203.3	3202.4	3206.2	3213.0
7.5°	3184.0	3193.7	3200.4	3201.4	3205.2	3207.2	3214.9	3223.6	3226.5	3235.2	3244.8
10°	3199.5	3202.4	3207.2	3205.2	3212.0	3213.9	3220.7	3224.6	3228.4	3233.2	3237.1
12.5°	3193.7	3196.6	3199.5	3194.6	3198.5	3195.6	3198.5	3201.4	3202.4	3205.2	3211.0
15°	3182.1	3178.2	3172.4	3162.8	3163.7	3164.7	3159.9	3157.0	3159.9	3164.7	3172.4
17.5°	3174.4	3161.8	3149.3	3134.8	3129.0	3121.3	3112.6	3110.7	3105.8	3110.7	3119.4
20°	3158.0	3135.8	3117.4	3102.9	3085.6	3078.8	3072.1	3067.2	3067.2	3067.2	3073.0
22.5°	3168.6	3139.6	3113.6	3092.3	3068.2	3054.7	3038.3	3038.3	3039.2	3039.2	3039.2
25°	3223.6	3183.1	3134.8	3102.0	3081.7	3059.5	3047.0	3043.1	3036.3	3039.2	3040.2
27.5°	3313.3	3254.5	3203.3	3158.0	3123.2	3103.9	3086.5	3075.0	3065.3	3062.4	3069.2
30°	3435.0	3355.8	3279.6	3212.0	3160.9	3122.2	3094.3	3078.8	3075.0	3075.0	3074.0
32.5°	3518.0	3422.4	3332.6	3240.0	3172.4	3121.3	3090.4	3071.1	3066.3	3059.5	3061.4
35°	3565.2	3448.5	3335.5	3236.1	3159.9	3105.8	3076.9	3062.4	3058.5	3057.6	3072.1
37.5°	3544.0	3435.9	3316.2	3228.4	3159.9	3112.6	3091.4	3081.7	3084.6	3089.4	3109.7
40°	3488.0	3396.3	3295.0	3218.8	3150.2	3104.9	3072.1	3053.7	3046.0	3044.1	3033.5
42.5°	3390.6	3299.8	3200.4	3112.6	3028.6	2958.2	2899.3	2852.0	2825.0	2804.7	2781.5
45°	3186.9	3071.1	2942.7	2832.7	2699.5	2605.9	2521.0	2449.5	2384.9	2369.4	2301.9
47.5°	2811.5	2668.6	2524.8	2387.8	2262.3	2124.3	2041.3	1929.3	1883.0	1829.0	1785.5
50°	2317.3	2171.6	2015.2	1872.4	1721.8	1617.6	1539.4	1441.9	1399.5	1354.1	1318.4
52.5°	1792.3	1655.2	1525.9	1405.3	1291.4	1184.2	1130.2	1053.9	1013.4	978.7	951.6
55°	1313.6	1213.2	1109.0	1018.2	933.3	864.8	808.8	747.0	714.2	682.4	661.1
57.5°	933.3	866.7	788.5	726.8	661.1	603.2	555.9	509.6	485.5	454.6	439.1
60°	654.4	611.9	557.9	504.8	451.7	408.3	370.6	333.0	308.8	291.5	277.0
62.5°	453.6	419.8	381.2	339.7	302.1	266.4	235.5	208.5	195.9	179.5	168.9
65°	311.7	283.8	253.8	222.9	193.0	169.9	147.7	129.3	119.7	111.0	103.3
67.5°	208.5	188.2	163.1	141.9	120.6	106.2	93.6	83.0	76.2	72.4	68.5
70°	136.1	120.6	104.2	89.8	78.2	68.5	61.8	56.9	53.1	50.2	49.2
72.5°	87.8	77.2	67.6	58.9	53.1	47.3	43.4	41.5	38.6	37.6	36.7
75°	56.0	50.2	44.4	38.6	35.7	32.8	30.9	29.9	29.0	28.0	28.0
77.5°	35.7	31.8	29.0	26.1	24.1	23.2	22.2	21.2	20.3	20.3	20.3
80°	21.2	19.3	18.3	16.4	16.4	15.4	15.4	14.5	14.5	14.5	14.5
82.5°	11.6	10.6	10.6	9.7	9.7	9.7	8.7	9.7	8.7	8.7	8.7
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	1.0	1.0	1.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P92731

CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5
2.5°	3178.2	3178.2	3181.1	3182.1	3181.1	3187.9	3185.9	3189.8	3190.8	3192.7	3194.6
5°	3214.9	3219.7	3223.6	3228.4	3228.4	3236.1	3240.0	3246.7	3251.6	3255.4	3261.2
7.5°	3250.6	3256.4	3260.3	3265.1	3272.8	3278.6	3284.4	3288.3	3299.8	3308.5	3315.3
10°	3243.9	3253.5	3256.4	3264.1	3279.6	3282.5	3294.0	3306.6	3319.1	3333.6	3344.2
12.5°	3219.7	3231.3	3236.1	3242.9	3258.3	3270.9	3284.4	3306.6	3324.0	3345.2	3362.6
15°	3183.1	3194.6	3202.4	3208.1	3222.6	3239.0	3259.3	3290.2	3315.3	3341.3	3364.5
17.5°	3124.2	3138.7	3151.2	3160.9	3176.3	3202.4	3229.4	3257.4	3288.3	3317.2	3341.3
20°	3076.9	3086.5	3095.2	3108.7	3129.0	3159.9	3191.7	3229.4	3264.1	3296.0	3323.0
22.5°	3043.1	3058.5	3068.2	3077.8	3102.9	3133.8	3168.6	3206.2	3241.9	3272.8	3298.9
25°	3047.9	3061.4	3066.3	3083.6	3112.6	3143.5	3178.2	3214.9	3246.7	3275.7	3296.9
27.5°	3075.0	3084.6	3093.3	3109.7	3135.8	3166.6	3201.4	3234.2	3257.4	3278.6	3301.8
30°	3077.8	3092.3	3102.0	3116.5	3135.8	3163.7	3187.9	3219.7	3238.1	3263.2	3280.5
32.5°	3072.1	3087.5	3095.2	3098.1	3116.5	3139.6	3162.8	3176.3	3196.6	3216.8	3226.5
35°	3085.6	3096.2	3103.9	3110.7	3119.4	3133.8	3148.3	3153.1	3168.6	3183.1	3188.8
37.5°	3117.4	3130.0	3132.9	3131.9	3139.6	3148.3	3159.9	3165.7	3168.6	3174.4	3171.5
40°	3044.1	3052.8	3055.7	3050.8	3054.7	3069.2	3085.6	3096.2	3100.0	3109.7	3122.2
42.5°	2771.9	2759.4	2756.5	2752.6	2763.2	2777.7	2796.0	2815.3	2851.0	2882.9	2908.9
45°	2291.3	2272.0	2263.3	2256.5	2268.1	2276.8	2306.7	2337.6	2387.8	2448.6	2501.7
47.5°	1748.8	1724.7	1717.0	1715.1	1719.9	1734.4	1759.5	1797.1	1846.3	1906.2	1981.4
50°	1285.6	1264.3	1247.9	1251.8	1259.5	1269.2	1288.5	1324.2	1366.6	1425.5	1492.1
52.5°	924.6	904.3	891.8	890.8	893.7	909.2	925.6	952.6	986.4	1040.4	1090.6
55°	636.0	623.5	610.9	609.0	610.9	627.3	637.0	663.1	693.0	734.5	779.8
57.5°	420.8	411.2	401.5	399.6	399.6	412.1	416.9	440.1	461.3	497.0	534.7
60°	266.4	255.8	251.9	251.9	250.0	257.7	264.4	278.9	294.4	320.4	349.4
62.5°	162.1	156.4	152.5	152.5	151.5	156.4	163.1	169.9	179.5	198.8	217.2
65°	100.4	97.5	94.6	95.5	95.5	96.5	100.4	103.3	108.1	119.7	130.3
67.5°	66.6	65.6	65.6	65.6	65.6	65.6	66.6	68.5	71.4	76.2	82.0
70°	49.2	48.3	48.3	48.3	48.3	48.3	49.2	50.2	50.2	53.1	56.0
72.5°	36.7	36.7	36.7	36.7	36.7	37.6	37.6	37.6	37.6	38.6	39.6
75°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	29.0
77.5°	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	21.2
80°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
82.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	9.7
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P92731

CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5
2.5°	3201.4	3203.3	3204.3	3208.1	3213.0	3212.0	3212.0	3215.9	3224.6	3220.7	3220.7
5°	3269.9	3276.7	3278.6	3284.4	3289.2	3292.1	3296.0	3302.7	3314.3	3311.4	3312.4
7.5°	3324.0	3333.6	3340.4	3352.0	3363.5	3370.3	3378.0	3385.7	3396.3	3392.5	3393.5
10°	3355.8	3371.3	3388.6	3404.1	3421.4	3432.1	3442.7	3453.3	3463.9	3462.9	3464.9
12.5°	3380.9	3405.0	3426.3	3440.7	3456.2	3467.8	3478.4	3486.1	3493.8	3499.6	3504.4
15°	3386.7	3410.8	3435.0	3455.2	3472.6	3487.1	3497.7	3505.4	3518.0	3519.9	3521.8
17.5°	3366.4	3395.4	3420.5	3442.7	3458.1	3470.7	3481.3	3490.9	3500.6	3499.6	3494.8
20°	3346.2	3367.4	3389.6	3405.0	3419.5	3431.1	3434.0	3434.0	3438.8	3438.8	3436.9
22.5°	3324.9	3345.2	3364.5	3378.0	3386.7	3387.7	3382.8	3376.1	3377.0	3379.9	3385.7
25°	3323.0	3336.5	3344.2	3344.2	3336.5	3330.7	3326.9	3328.8	3335.5	3345.2	3348.1
27.5°	3317.2	3330.7	3325.9	3318.2	3306.6	3301.8	3305.6	3310.4	3315.3	3312.4	3311.4
30°	3297.9	3297.9	3295.0	3286.3	3282.5	3283.4	3289.2	3284.4	3284.4	3282.5	3283.4
32.5°	3234.2	3236.1	3241.9	3248.7	3260.3	3259.3	3255.4	3260.3	3264.1	3261.2	3262.2
35°	3185.0	3188.8	3196.6	3199.5	3202.4	3213.0	3222.6	3238.1	3257.4	3255.4	3247.7
37.5°	3166.6	3164.7	3167.6	3162.8	3169.5	3182.1	3196.6	3214.9	3237.1	3246.7	3257.4
40°	3121.3	3118.4	3126.1	3133.8	3139.6	3156.0	3179.2	3203.3	3234.2	3258.3	3264.1
42.5°	2942.7	2955.3	2997.7	3022.8	3054.7	3095.2	3133.8	3170.5	3210.1	3241.9	3268.0
45°	2569.2	2614.6	2686.0	2755.5	2824.0	2899.3	2979.4	3047.0	3115.5	3167.6	3200.4
47.5°	2065.4	2118.5	2220.8	2322.1	2431.2	2557.6	2668.6	2770.0	2870.3	2931.1	2972.6
50°	1565.5	1624.3	1747.9	1829.9	1955.4	2105.0	2240.1	2357.9	2467.9	2537.4	2581.8
52.5°	1157.2	1212.2	1318.4	1389.8	1524.9	1646.5	1770.1	1884.9	1990.1	2061.6	2078.9
55°	832.9	884.1	967.1	1032.7	1142.7	1235.4	1336.7	1434.2	1523.0	1571.3	1575.1
57.5°	579.1	631.2	691.0	744.1	832.0	908.2	991.2	1058.8	1121.5	1149.5	1152.4
60°	386.1	420.8	475.8	523.1	594.5	656.3	712.3	763.4	805.9	821.3	817.5
62.5°	245.1	278.0	316.6	359.0	410.2	455.5	499.9	540.5	567.5	577.2	575.2
65°	148.6	170.8	199.8	232.6	270.2	306.9	342.6	371.6	393.8	401.5	398.6
67.5°	91.7	105.2	120.6	146.7	169.9	199.8	226.8	250.0	266.4	272.2	270.2
70°	60.8	67.6	76.2	91.7	106.2	124.5	142.8	161.2	173.7	182.4	182.4
72.5°	42.5	45.4	51.2	57.9	68.5	78.2	88.8	101.3	111.0	115.8	117.7
75°	30.9	31.8	34.7	38.6	44.4	49.2	56.9	63.7	68.5	71.4	72.4
77.5°	21.2	22.2	24.1	25.1	28.0	30.9	35.7	38.6	41.5	42.5	43.4
80°	14.5	15.4	15.4	16.4	18.3	19.3	21.2	23.2	25.1	26.1	26.1
82.5°	9.7	9.7	9.7	9.7	10.6	10.6	11.6	12.5	13.5	14.5	14.5
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.8	5.8	5.8	6.8
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.0	1.0	1.9	1.9	1.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P92731
 CATALOG NUMBER: LRC-B64-4-LED-E1-VAT

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°	
0°	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	0°
2.5°	3220.7	3227.4	3230.3	3226.5	3225.5	3227.4	3223.6	3221.7	3226.5	3226.5	3226.5	2.5°
5°	3313.3	3324.0	3326.9	3321.1	3320.1	3318.2	3317.2	3316.2	3320.1	3319.1	3319.1	5°
7.5°	3396.3	3404.1	3407.9	3404.1	3402.1	3399.2	3397.3	3396.3	3397.3	3396.3	3390.6	7.5°
10°	3466.8	3467.8	3462.9	3458.1	3452.3	3448.5	3443.6	3438.8	3431.1	3427.2	3416.6	10°
12.5°	3503.5	3504.4	3502.5	3499.6	3492.9	3483.2	3473.6	3462.9	3452.3	3441.7	3425.3	12.5°
15°	3522.8	3518.0	3505.4	3501.5	3486.1	3469.7	3453.3	3438.8	3423.4	3405.0	3389.6	15°
17.5°	3487.1	3476.5	3466.8	3458.1	3445.6	3435.0	3423.4	3414.7	3407.0	3390.6	3372.2	17.5°
20°	3433.0	3428.2	3421.4	3423.4	3415.7	3406.0	3399.2	3390.6	3385.7	3371.3	3352.0	20°
22.5°	3391.5	3391.5	3390.6	3393.5	3389.6	3381.9	3374.1	3368.4	3357.7	3347.1	3328.8	22.5°
25°	3349.1	3352.0	3348.1	3350.0	3352.0	3350.0	3349.1	3342.3	3334.6	3324.9	3308.5	25°
27.5°	3315.3	3314.3	3311.4	3305.6	3305.6	3303.7	3296.0	3280.5	3268.9	3257.4	3246.7	27.5°
30°	3273.8	3275.7	3274.7	3266.1	3256.4	3239.0	3219.7	3206.2	3190.8	3182.1	3174.4	30°
32.5°	3252.5	3235.2	3217.8	3207.2	3192.7	3174.4	3159.9	3144.4	3132.9	3123.2	3113.6	32.5°
35°	3232.3	3216.8	3200.4	3184.0	3161.8	3151.2	3132.9	3118.4	3121.3	3126.1	3129.0	35°
37.5°	3248.7	3230.3	3212.0	3190.8	3179.2	3168.6	3169.5	3177.3	3197.5	3218.8	3229.4	37.5°
40°	3260.3	3263.2	3251.6	3238.1	3238.1	3246.7	3258.3	3277.6	3290.2	3299.8	3305.6	40°
42.5°	3281.5	3294.0	3295.0	3288.3	3274.7	3262.2	3247.7	3226.5	3209.1	3181.1	3158.9	42.5°
45°	3217.8	3223.6	3217.8	3182.1	3135.8	3085.6	2994.8	2915.7	2823.1	2742.0	2689.9	45°
47.5°	2982.3	2967.8	2922.5	2838.5	2743.9	2629.1	2480.4	2383.9	2232.4	2109.8	2040.3	47.5°
50°	2568.3	2518.1	2429.3	2305.7	2172.5	2027.8	1859.8	1731.5	1608.9	1495.0	1430.3	50°
52.5°	2051.9	1977.6	1874.3	1740.2	1600.2	1460.3	1333.8	1217.0	1096.4	1014.4	970.0	52.5°
55°	1547.1	1467.0	1368.6	1246.0	1128.3	1021.1	925.6	837.7	754.7	693.9	663.1	55°
57.5°	1117.6	1046.2	970.0	877.3	795.3	714.2	646.6	586.8	532.8	477.7	452.7	57.5°
60°	788.5	737.4	684.3	615.8	559.8	501.9	447.8	404.4	364.8	326.2	308.8	60°
62.5°	548.2	515.4	475.8	429.5	388.0	349.4	311.7	276.0	248.0	219.1	206.5	62.5°
65°	380.3	356.1	331.0	298.2	267.3	238.4	213.3	186.3	166.0	145.7	136.1	65°
67.5°	260.6	244.2	226.8	202.7	182.4	159.2	141.9	124.5	112.0	98.4	90.7	67.5°
70°	175.7	163.1	150.6	135.1	122.6	107.1	94.6	84.0	75.3	68.5	62.7	70°
72.5°	113.9	107.1	99.4	89.8	81.1	71.4	65.6	57.9	53.1	48.3	44.4	72.5°
75°	71.4	68.5	64.7	58.9	54.0	48.3	44.4	40.5	36.7	33.8	31.8	75°
77.5°	43.4	42.5	40.5	37.6	34.7	31.8	29.9	27.0	25.1	24.1	22.2	77.5°
80°	27.0	26.1	24.1	23.2	21.2	20.3	19.3	17.4	16.4	16.4	15.4	80°
82.5°	14.5	14.5	13.5	12.5	11.6	10.6	10.6	10.6	9.7	9.7	9.7	82.5°
85°	6.8	6.8	5.8	5.8	5.8	4.8	4.8	4.8	4.8	4.8	4.8	85°
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P92731

NUMBER: LRC-B64-4-LED-E1-VAT

DISTRIBUTION (continued):

165°	167.5°	170°	172.5°	175°	177.5°	180°
3169.5	3169.5	3169.5	3169.5	3169.5	3169.5	3169.5
3224.6	3223.6	3222.6	3222.6	3221.7	3218.8	3217.8
3317.2	3313.3	3316.2	3314.3	3312.4	3311.4	3313.3
3386.7	3384.8	3385.7	3377.0	3376.1	3371.3	3374.1
3409.9	3407.0	3406.0	3400.2	3396.3	3392.5	3391.5
3415.7	3404.1	3395.4	3389.6	3383.8	3377.0	3370.3
3374.1	3358.7	3347.1	3337.5	3330.7	3324.0	3316.2
3355.8	3337.5	3321.1	3309.5	3302.7	3296.0	3294.0
3330.7	3312.4	3289.2	3275.7	3265.1	3260.3	3257.4
3309.5	3287.3	3264.1	3248.7	3239.0	3231.3	3228.4
3286.3	3261.2	3240.0	3222.6	3210.1	3207.2	3203.3
3231.3	3203.3	3179.2	3156.0	3138.7	3130.9	3122.2
3156.0	3138.7	3121.3	3106.8	3098.1	3091.4	3083.6
3106.8	3100.0	3088.5	3078.8	3070.1	3068.2	3052.8
3132.9	3138.7	3142.5	3150.2	3154.1	3156.0	3156.0
3248.7	3264.1	3272.8	3287.3	3295.0	3294.0	3290.2
3312.4	3320.1	3314.3	3310.4	3315.3	3318.2	3317.2
3128.0	3100.0	3068.2	3042.1	3026.7	3021.9	3018.0
2614.6	2551.8	2495.9	2454.4	2428.3	2414.8	2413.8
1953.5	1884.9	1822.2	1772.0	1743.1	1722.8	1715.1
1345.4	1283.6	1229.6	1193.9	1170.7	1155.3	1149.5
906.3	861.9	830.0	803.0	785.6	776.9	772.1
619.6	587.8	563.6	544.3	532.8	525.0	522.1
422.7	398.6	378.3	362.9	357.1	349.4	346.5
281.8	266.4	250.9	241.3	235.5	230.7	229.7
186.3	174.7	166.0	160.2	154.4	151.5	150.6
124.5	116.8	110.0	106.2	103.3	100.4	101.3
84.0	79.1	74.3	72.4	71.4	69.5	69.5
58.9	55.0	53.1	52.1	51.2	50.2	50.2
42.5	40.5	39.6	38.6	37.6	37.6	37.6
29.9	29.9	29.0	28.0	28.0	28.0	28.0
21.2	21.2	20.3	20.3	20.3	20.3	20.3
14.5	14.5	14.5	14.5	14.5	14.5	13.5
9.7	9.7	8.7	8.7	8.7	8.7	8.7
4.8	4.8	4.8	4.8	4.8	4.8	4.8
1.9	1.9	1.9	1.9	1.9	1.9	1.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)