

Curvilinear

**FEATURES**

- TIR Optics
- Available in 595nm, 3000K, 4000K and 5000K standard CCT
- Type 1, 2, 3, 4, 4W, 5QM, 5QN, 5R, 5W distributions
- 0 - 10V dimming drivers standard
- IP66 optic assembly



**RELATED PRODUCTS**

[Ouro](#)

[Pavilion](#)

[PGL8](#)

**SPECIFICATIONS**

**CONSTRUCTION**

- All hardware is stainless steel or electro-zinc plated steel

**OPTICS**

- Molded silicone gasket ensures a weather-proof seal around each individual LED
- Features revolutionary individual LED optical control based on high performance TIR optical designs
- Optional BackLight Control for complete control of unwanted backlight
- Type 1, 2, 3, 4, 4W, 5QM, 5QN, 5R, and 5W standard distributions Custom available

**INSTALLATION**

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

**ELECTRICAL**

- Dimming range from 10% to 100% through the use of standard 0-10V interface on the programmable driver
- Modular wiring harness in the service area provides user access to the dimming circuitry
- Optional factory programmed dimming profile
- Surge protection: 10kV surge suppression

**ELECTRICAL (CONTINUED)**

- SF for 120, 277, 347 Line volts  
DF for 208, 240, 480 Line volts
- Wiring: 14GA wires rated 150°C

**CERTIFICATIONS AND LISTINGS**

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- RoHS compliant
- IDA approved, 3000K and warmer CCTs only

**WARRANTY**

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

**HOUSING**

Housing	Current	CCT/CRI	Distribution	Fixture Finish	Voltage	Options
<b>CC17K2</b> For CC17 Fixture	<b>36L - 225</b> 3,000lm	<b>AM</b> Amber-595nm Peak <sup>1</sup>	<b>FR</b> Type I/Front Row	<b>BLS</b> Black Gloss Smooth	<b>UNV</b> 120-277V	<b>SF</b> Single Fuse
	<b>36L - 465</b> 6,000lm	<b>3K7</b> 3000K, 70 CRI	<b>2</b> Type II	<b>BLT</b> Black Matte Textured	<b>347</b> 347V	<b>DF</b> Double Fuse
	<b>36L - 730</b> 9,000lm	<b>4K7</b> 4000K, 70 CRI	<b>3</b> Type III	<b>DBS</b> Dark Bronze Gloss Smooth	<b>480</b> 480V	<b>BC</b> Back Light Control <sup>3</sup>
	<b>5K7</b> 5000K, 70 CRI	<b>4</b> Type IV	<b>4W</b> Type IV Wide	<b>DBT</b> Dark Bronze Matte Textured		
<i>Equivalent</i> CC17-E35 = 36L-465			<b>5QM</b> Type V Square Medium	<b>GTT</b> Graphite Matte Textured		
			<b>5QN</b> Type V Square Narrow	<b>LGS</b> Light Grey Gloss Smooth		
			<b>5R</b> Type V Rectangular	<b>LGT</b> Light Grey Matte Textured		
			<b>5W</b> Type V Wide (Round)	<b>PSS</b> Platinum Silver Gloss Smooth		
				<b>VGT</b> Verde Green Matte Textured		
			<b>WHS</b> White Gloss Smooth			
			<b>WHT</b> White Matte Textured			
			<b>Color Option</b>			
			<b>CC</b> <sup>2</sup> Custom Color			

Notes:

- 1 Wild life friendly
- 2 Consult factory for custom color, marine and corrosive finish options
- 3 Not available for Type 5

**PRODUCT EXCEPTIONS & DETAILS (CONTINUED)**

**CONTROLS**

**DIMMING:**

- Dimming range from 100% to 10% through the use of the standard 0-10V interface on the programmable driver.
- Modular wiring harness in the service area provides user access to the dimming circuitry.
- Dimming circuitry compatible with 0-10V, user-defined control devices.
- Optional factory programmed dimming profile.

**ASTRODIM**

- AstroDIM provides multi-stage night-time power reduction based on an internal timer referenced to the power on/off time. There is no need for an external control infrastructure. The unit automatically performs a dimming profile based on the predefined scheduled reference to the midpoint, which is calculated based on the power on/off times. Please contact factory for feasibility. <sup>1</sup>

**OPTIONAL FUSING:**

- SF for 120, 277, and 347 Line volts
- DF for 208, 240, and 480 Line volts
- High temperature fuse holders factory installed inside the fixture housing.
- Fuse is included.

**CAUTION:**

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Notes:

- 1 Available upon request

**CC17K2**

LED UPGRADE KIT

**DELIVERED LUMENS**

**NO LENS**

LED #	Nominal Lumen Package	Drive Current	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI						
				Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
					B	U	G			B	U	G			B	U	G	
36L	3,000	225	FR	3431	0	0	0	121.2	3514	0	0	0	124.1	3698	0	0	0	130.6
			FR-BC	1836	0	0	0	64.8	1880	0	0	0	66.4	1978	0	0	0	69.9
			2	3212	1	0	1	113.4	3290	1	0	1	116.2	3461	1	0	1	122.3
			2-BC	1442	0	0	0	50.9	1477	0	0	0	52.2	1554	0	0	0	54.9
			3	3220	1	0	1	113.7	3298	1	0	1	116.5	3470	1	0	1	122.6
			3-BC	1438	0	0	0	50.8	1473	0	0	0	52.0	1550	0	0	0	54.7
			4	3163	0	0	1	111.7	3240	0	0	1	114.4	3409	0	0	1	120.4
			4-BC	1764	0	0	1	62.3	1807	0	0	1	63.8	1901	0	0	1	67.1
			4W	3061	1	0	1	108.1	3135	1	0	1	110.8	3299	1	0	1	116.5
			4W-BC	1286	0	0	0	45.4	1318	0	0	0	46.5	1386	0	0	0	49.0
			5R	3245	2	0	2	114.6	3324	2	0	2	117.4	3497	2	0	2	123.5
			5QM	3316	2	0	0	117.1	3396	2	0	0	120.0	3573	2	0	0	126.2
	5QN	3374	2	0	0	119.2	3456	2	0	0	122.1	3636	2	0	0	128.4		
	5W	3178	2	0	1	112.2	3255	2	0	1	115.0	3425	2	0	1	121.0		
	6,000	465	FR	6443	1	0	0	120.7	6599	1	0	0	123.6	6944	1	0	1	130.1
			FR-BC	3447	0	0	0	64.6	3531	0	0	0	66.1	3715	0	0	0	69.6
			2	6031	1	0	1	113.0	6177	1	0	1	115.7	6499	1	0	1	121.8
			2-BC	2708	0	0	0	50.7	2774	0	0	0	52.0	2918	0	0	0	54.7
			3	6046	1	0	2	113.3	6193	1	0	2	116.0	6516	1	0	2	122.1
			3-BC	2701	0	0	1	50.6	2766	0	0	1	51.8	2910	0	0	1	54.5
			4	5939	1	0	2	111.3	6083	1	0	2	114.0	6401	1	0	2	119.9
			4-BC	3312	0	0	1	62.1	3393	0	0	1	63.6	3570	0	0	1	66.9
			4W	5748	1	0	2	107.7	5888	1	0	2	110.3	6195	1	0	2	116.1
			4W-BC	2416	0	0	1	45.3	2474	0	0	1	46.3	2603	0	0	1	48.8
			5R	6093	3	0	3	114.2	6241	3	0	3	116.9	6567	3	0	3	123.0
			5QM	6226	2	0	1	116.6	6377	3	0	1	119.5	6710	3	0	1	125.7
	5QN	6336	2	0	0	118.7	6490	2	0	0	121.6	6828	3	0	0	127.9		
	5W	5967	3	0	1	111.8	6112	3	0	1	114.5	6431	3	0	1	120.5		
	9,000	730	FR	9673	1	0	1	115.1	9907	1	0	1	117.9	10424	1	0	1	122.2
			FR-BC	5175	0	0	0	61.6	5300	0	0	0	63.1	5577	0	0	0	65.8
			2	9054	1	0	2	107.7	9273	1	0	2	110.3	9757	2	0	2	114.7
			2-BC	4065	0	0	0	48.4	4164	0	0	0	49.5	4381	0	0	0	51.7
			3	9077	1	0	2	106.8	9297	1	0	2	110.0	9782	1	0	2	114.8
			3-BC	4054	0	0	1	48.2	4152	0	0	1	49.4	4369	0	0	1	51.6
			4	8916	1	0	2	106.1	9133	1	0	2	108.6	9609	1	0	2	115.3
			4-BC	4973	0	0	2	59.2	5093	0	0	2	60.6	5359	0	0	2	64.6
4W			8630	1	0	2	102.7	8839	1	0	2	105.1	9300	1	0	2	111.6	
4W-BC			3626	0	0	1	43.1	3714	0	0	1	44.2	3908	0	0	1	47.1	
5R			9148	3	0	3	108.8	9369	3	0	3	111.5	9858	3	0	3	118.3	
5QM			9347	3	0	1	111.2	9574	3	0	1	113.9	10073	3	0	1	120.9	
5QN	9512	3	0	0	113.2	9743	3	0	0	115.9	10251	3	0	0	122.9			
5W	8958	3	0	2	106.6	9175	3	0	2	109.2	9654	3	0	2	116.2			

CRI Lumen Multiplier		
CCT	80 CRI	90 CRI
3000K	0.9119	0.7033
4000K	0.8941	N/A

Amber	
CCT	Multiplier
5000K	1
AM	0.1727

**DELIVERED LUMENS (CONTINUED)**

**CLR LENS**

LED #	Nominal Lumen Package	Drive Current	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
				Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
					B	U	G			B	U	G			B	U	G	
36L	3,000	225	FR	3051	0	0	0	107.8	3125	0	0	0	110.4	3288	0	0	0	116.1
			FR-BC	1632	0	0	0	57.7	1672	0	0	0	59.1	1759	0	0	0	62.1
			2	2856	1	0	1	100.9	2925	1	0	1	103.3	3078	1	0	1	108.7
			2-BC	1282	0	0	0	45.3	1313	0	0	0	46.4	1382	0	0	0	48.8
			3	2863	1	0	1	101.1	2932	1	0	1	103.6	3085	1	0	1	109.0
			3-BC	1279	0	0	0	45.2	1310	0	0	0	46.3	1378	0	0	0	48.7
			4	2812	0	0	1	99.3	2881	0	0	1	101.8	3031	0	0	1	107.1
			4-BC	1569	0	0	0	55.4	1607	0	0	0	56.7	1690	0	0	1	59.7
			4W	2722	1	0	1	96.2	2788	1	0	1	98.5	2933	1	0	1	103.6
			4W-BC	1144	0	0	0	40.4	1172	0	0	0	41.4	1233	0	0	0	43.5
			5R	2885	2	0	2	101.9	2955	2	0	2	104.4	3109	2	0	2	109.8
			5QM	2948	1	0	0	104.1	3020	1	0	0	106.7	3177	2	0	0	112.2
	5QN	3000	2	0	0	106.0	3073	2	0	0	108.6	3233	2	0	0	114.2		
	5W	2826	2	0	1	99.8	2894	2	0	1	102.2	3045	2	0	1	107.6		
	6,000	465	FR	5729	1	0	0	107.3	5868	1	0	0	109.9	6174	1	0	0	115.7
			FR-BC	3065	0	0	0	57.4	3140	0	0	0	58.8	3303	0	0	0	61.9
			2	5363	1	0	1	100.5	5493	1	0	1	102.9	5779	1	0	1	108.3
			2-BC	2408	0	0	0	45.1	2466	0	0	0	46.2	2595	0	0	0	48.6
			3	5376	1	0	2	100.7	5507	1	0	2	103.2	5794	1	0	2	108.5
			3-BC	2401	0	0	0	45.0	2459	0	0	0	46.1	2588	0	0	1	48.5
			4	5281	1	0	2	98.9	5409	1	0	2	101.3	5691	1	0	2	106.6
			4-BC	2945	0	0	1	55.2	3017	0	0	1	56.5	3174	0	0	1	59.5
			4W	5111	1	0	2	95.8	5235	1	0	2	98.1	5508	1	0	2	103.2
			4W-BC	2148	0	0	1	40.2	2200	0	0	1	41.2	2315	0	0	1	43.4
			5R	5418	3	0	3	101.5	5549	3	0	3	104.0	5839	3	0	3	109.4
			5QM	5536	2	0	1	103.7	5670	2	0	1	106.2	5966	2	0	1	111.8
	5QN	5634	2	0	0	105.5	5771	2	0	0	108.1	6072	2	0	0	113.7		
	5W	5306	3	0	1	99.4	5435	3	0	1	101.8	5718	3	0	1	107.1		
	9,000	730	FR	8601	1	0	1	102.3	8809	1	0	1	104.8	9269	1	0	1	110.3
			FR-BC	4602	0	0	0	54.7	4713	0	0	0	56.1	4959	0	0	0	59.0
			2	8050	1	0	2	95.8	8246	1	0	2	98.1	8676	1	0	2	103.2
			2-BC	3615	0	0	0	43.0	3702	0	0	0	44.0	3896	0	0	0	46.3
			3	8071	1	0	2	96.0	8267	1	0	2	98.3	8698	1	0	2	102.4
			3-BC	3605	0	0	1	42.9	3692	0	0	1	43.9	3885	0	0	1	46.2
			4	7928	1	0	2	94.3	8121	1	0	2	96.6	8544	1	0	2	101.6
			4-BC	4422	0	0	1	52.6	4529	0	0	1	53.9	4765	0	0	2	56.7
4W			7673	1	0	2	91.3	7859	1	0	2	93.5	8269	1	0	2	98.4	
4W-BC			3224	0	0	1	38.4	3303	0	0	1	39.3	3475	0	0	1	41.3	
5R			8134	3	0	3	96.8	8331	3	0	3	99.1	8766	3	0	3	104.3	
5QM			8311	3	0	1	98.9	8513	3	0	1	101.3	8957	3	0	1	106.6	
5QN	8458	3	0	0	100.6	8663	3	0	0	103.1	9115	3	0	0	108.4			
5W	7966	3	0	2	94.8	8159	3	0	2	97.1	8584	3	0	2	102.1			

**DELIVERED LUMENS (CONTINUED)**

**PL LENS**

LED #	Nominal Lumen Package	Drive Current	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
				Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
					B	U	G			B	U	G			B	U	G	
36L	3,000	225	FR	2799	0	0	0	98.9	2867	0	0	0	101.3	3016	0	0	0	106.5
			FR-BC	1497	0	0	0	52.9	1534	0	0	0	54.2	1614	0	0	0	57.0
			2	2620	1	0	1	92.5	2683	1	0	1	94.8	2823	1	0	1	99.7
			2-BC	1176	0	0	0	41.5	1205	0	0	0	42.6	1268	0	0	0	44.8
			3	2626	1	0	1	92.8	2690	1	0	1	95.0	2830	1	0	1	100.0
			3-BC	1173	0	0	0	41.4	1201	0	0	0	42.4	1264	0	0	0	44.7
			4	2580	0	0	1	91.1	2643	0	0	1	93.3	2780	0	0	1	98.2
			4-BC	1439	0	0	0	50.8	1474	0	0	0	52.1	1551	0	0	0	54.8
			4W	2497	1	0	1	88.2	2558	1	0	1	90.3	2691	1	0	1	95.1
			4W-BC	1049	0	0	0	37.1	1075	0	0	0	38.0	1131	0	0	0	39.9
			5R	2647	1	0	1	93.5	2711	2	0	2	95.8	2852	2	0	2	100.8
			5QM	2705	1	0	0	95.5	2770	1	0	0	97.8	2915	1	0	0	103.0
	5QN	2752	2	0	0	97.2	2819	1	0	0	99.6	2966	2	0	0	104.8		
	5W	2592	2	0	1	91.6	2655	2	0	1	93.8	2793	2	0	1	98.7		
	6,000	465	FR	5256	1	0	0	98.5	5383	1	0	0	100.8	5664	1	0	0	106.1
			FR-BC	2812	0	0	0	52.7	2880	0	0	0	54.0	3030	0	0	0	56.8
			2	4919	1	0	1	92.2	5039	1	0	1	94.4	5301	1	0	1	99.3
			2-BC	2209	0	0	0	41.4	2262	0	0	0	42.4	2380	0	0	0	44.6
			3	4932	1	0	2	92.4	5051	1	0	2	94.6	5315	1	0	2	99.6
			3-BC	2203	0	0	0	41.3	2256	0	0	0	42.3	2374	0	0	0	44.5
			4	4845	1	0	2	90.8	4962	1	0	2	93.0	5221	1	0	2	97.8
			4-BC	2702	0	0	1	50.6	2767	0	0	1	51.8	2912	0	0	1	54.5
			4W	4689	1	0	2	87.8	4803	1	0	2	90.0	5053	1	0	2	94.7
			4W-BC	1970	0	0	1	36.9	2018	0	0	1	37.8	2123	0	0	1	39.8
			5R	4970	2	0	2	93.1	5091	2	0	2	95.4	5356	3	0	3	100.3
			5QM	5079	2	0	1	95.1	5202	2	0	1	97.4	5473	2	0	1	102.5
	5QN	5168	2	0	0	96.8	5294	2	0	0	99.2	5570	2	0	0	104.3		
	5W	4867	3	0	1	91.2	4985	3	0	1	93.4	5245	3	0	1	98.3		
	9,000	730	FR	7890	1	0	1	93.9	8081	1	0	1	96.1	8503	1	0	1	101.1
			FR-BC	4221	0	0	0	50.2	4324	0	0	0	51.4	4549	0	0	0	54.1
			2	7385	1	0	2	87.9	7564	1	0	2	90.0	7959	1	0	2	94.7
			2-BC	3316	0	0	0	39.4	3396	0	0	0	40.4	3574	0	0	0	42.5
			3	7404	1	0	2	88.1	7583	1	0	2	90.2	7979	1	0	2	94.3
			3-BC	3307	0	0	1	39.3	3387	0	0	1	40.3	3564	0	0	1	42.4
			4	7273	1	0	2	86.5	7449	1	0	2	88.6	7838	1	0	2	93.2
			4-BC	4056	0	0	1	48.3	4155	0	0	1	49.4	4371	0	0	1	52.0
4W			7039	1	0	2	83.7	7210	1	0	2	85.8	7586	1	0	2	90.2	
4W-BC			2958	0	0	1	35.2	3030	0	0	1	36.0	3188	0	0	1	37.9	
5R			7461	3	0	3	88.8	7642	3	0	3	90.9	8041	3	0	3	95.7	
5QM			7624	3	0	1	90.7	7809	3	0	1	92.9	8216	3	0	1	97.7	
5QN	7759	3	0	0	92.3	7947	3	0	0	94.5	8362	3	0	0	99.5			
5W	7307	3	0	2	86.9	7484	3	0	2	89.0	7875	3	0	2	93.7			

**DELIVERED LUMENS (CONTINUED)**

**HDL LENS**

LED #	Nominal Lumen Package	Drive Current	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
				Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
					B	U	G			B	U	G			B	U	G	
36	3,000	225	3	2117	1	0	1	74.8	2168	1	0	1	76.6	2281	1	0	1	80.6
			5W	2089	1	0	1	73.8	2139	1	0	1	75.6	2251	1	0	1	79.5
	6,000	465	3	3974	1	0	1	74.5	4071	1	0	1	76.3	4283	1	0	1	80.2
			5W	3922	2	0	1	73.5	4018	2	0	1	75.3	4227	2	0	1	79.2
	9,000	730	3	5967	2	0	1	71.0	6111	2	0	1	72.7	6430	2	0	1	77.6
			5W	6008	2	0	1	71.5	6154	2	0	1	73.2	6475	2	0	1	77.9

# CC17K2

LED UPGRADE KIT

## PHOTOMETRY

CC17x2-36L-730-4K7-FR

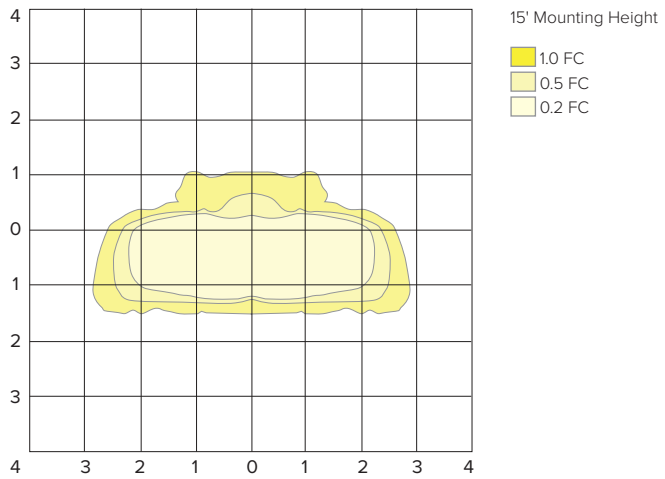
### LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	9908
Watts	84.1
Efficacy	117.8
IES Type	I
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	8933	90.2%
Downward House Side	975	9.8%
Downward Total	9908	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9908	100%

### ISOFOOT CANDLE PLOT



CC17x2-36L-730-4K7-2

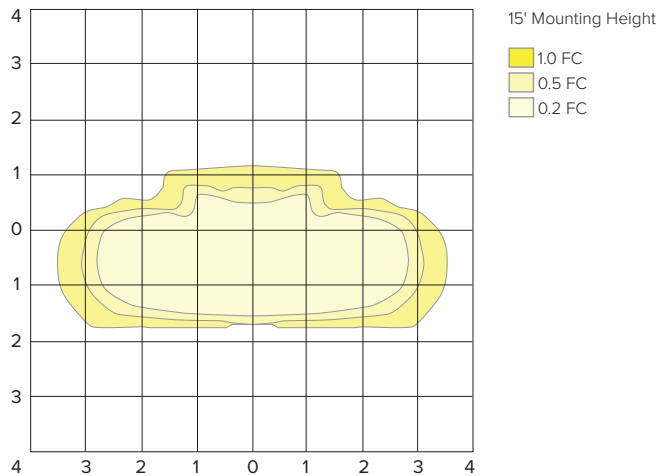
### LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	9273
Watts	84.1
Efficacy	110.3
IES Type	II
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	7737	83.4%
Downward House Side	1536	16.6%
Downward Total	9273	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9273	100%

### ISOFOOT CANDLE PLOT



CC17x2-36L-730-4K7-3

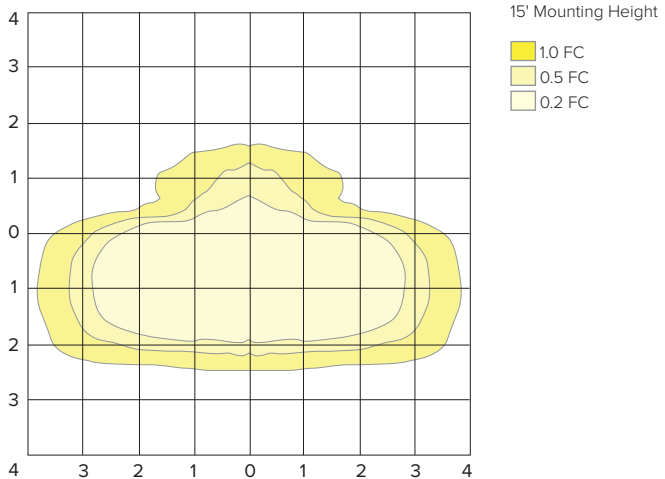
### LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	9297
Watts	84.52
Efficacy	110.0
IES Type	III
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	7944	85.4%
Downward House Side	1353	14.6%
Downward Total	9297	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9297	100%

### ISOFOOT CANDLE PLOT



# CC17K2

LED UPGRADE KIT

## PHOTOMETRY

CC17x2-36L-730-4K7-4

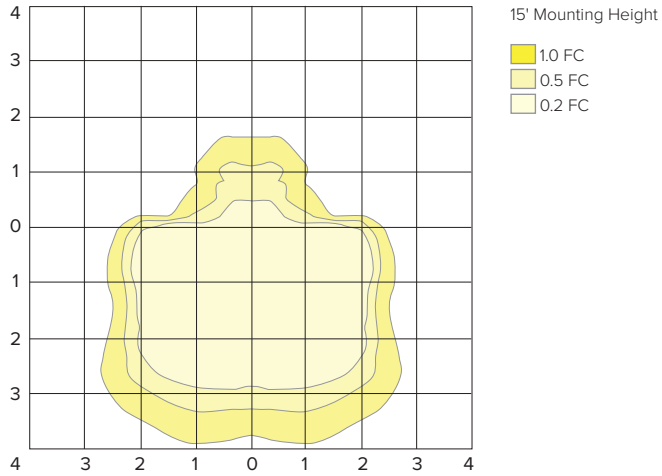
### LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	9134
Watts	84.1
Efficacy	108.6
IES Type	IV
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	8225	90.0%
Downward House Side	909	10.0%
Downward Total	9134	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9134	100%

### ISOFOOT CANDLE PLOT



CC17x2-36L-730-4K7-4W

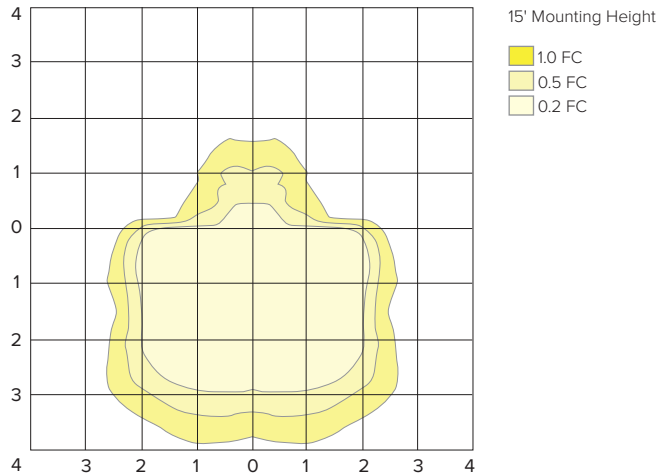
### LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	8839
Watts	84.1
Efficacy	105.1
IES Type	IV
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	7705	87.2%
Downward House Side	1134	12.8%
Downward Total	8839	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	8839	100%

### ISOFOOT CANDLE PLOT



CC17x2-36L-730-4K7-5R

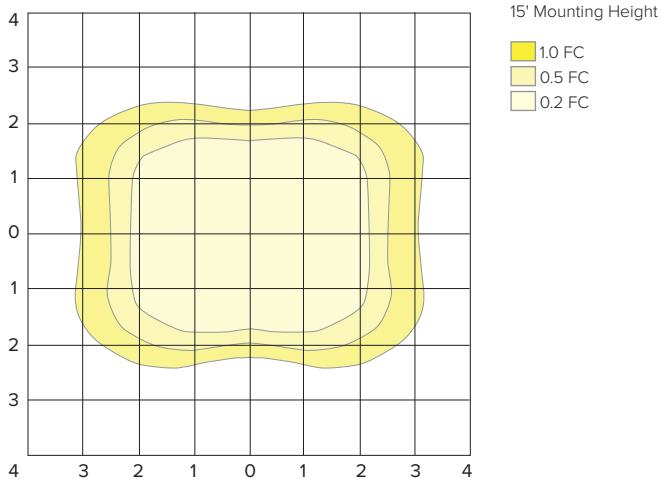
### LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	9370
Watts	84.1
Efficacy	111.4
IES Type	III
BUG Rating	B3-U0-G3
Mounting Height	15 ft
Grid Scale	15 ft

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4685	50.0%
Downward House Side	4685	50.0%
Downward Total	9370	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9370	100%

### ISOFOOT CANDLE PLOT





# CC17K2

LED UPGRADE KIT

## PHOTOMETRY

### CC17x2-36L-730-4K7-5QM

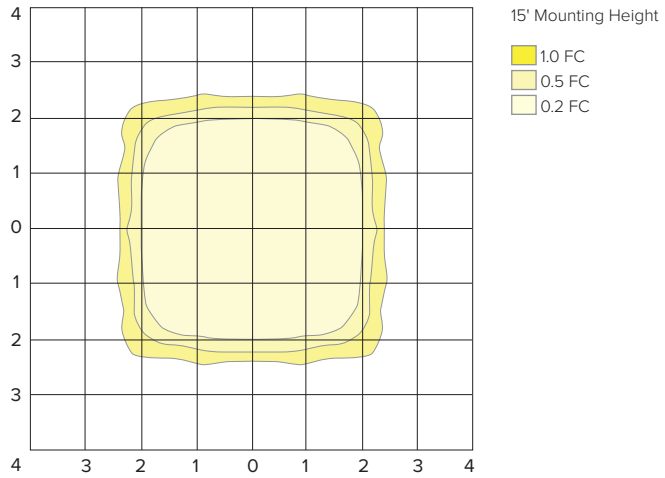
#### LUMINAIRE DATA

Description	<b>4000K, 70CRI</b>
Delivered Lumens	<b>9575</b>
Watts	<b>84.1</b>
Efficacy	<b>113.9</b>
IES Type	<b>VS</b>
BUG Rating	<b>B3-U0-G1</b>
Mounting Height	<b>15 ft</b>
Grid Scale	<b>15 ft</b>

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4788	50.0%
Downward House Side	4788	50.0%
Downward Total	9575	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9575	100%

#### ISOFOOT CANDLE PLOT



### CC17x2-36L-730-4K7-5QN

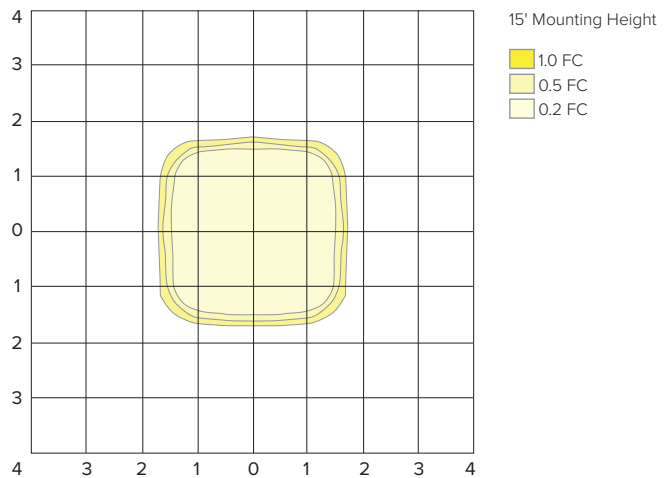
#### LUMINAIRE DATA

Description	<b>4000K, 70CRI</b>
Delivered Lumens	<b>9743</b>
Watts	<b>84.1</b>
Efficacy	<b>115.9</b>
IES Type	<b>VS</b>
BUG Rating	<b>B3-U0-G0</b>
Mounting Height	<b>15 ft</b>
Grid Scale	<b>15 ft</b>

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4872	50.0%
Downward House Side	4872	50.0%
Downward Total	9743	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9743	100%

#### ISOFOOT CANDLE PLOT



### CC17x2-36L-730-4K7-5W

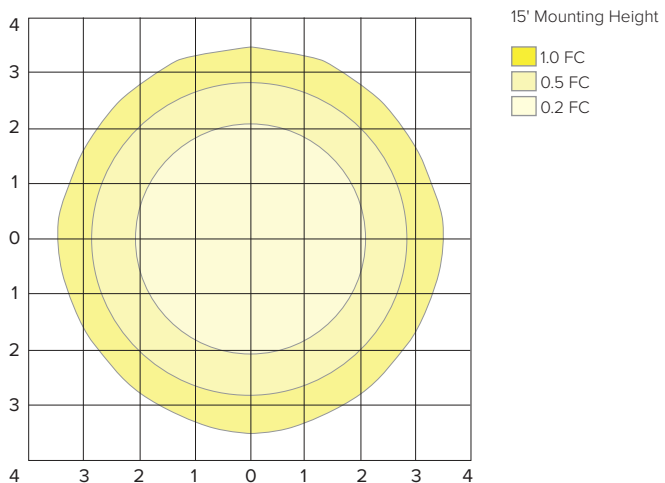
#### LUMINAIRE DATA

Description	<b>4000K, 70CRI</b>
Delivered Lumens	<b>9175</b>
Watts	<b>84.1</b>
Efficacy	<b>109.1</b>
IES Type	<b>VS</b>
BUG Rating	<b>B3-U0-G2</b>
Mounting Height	<b>15 ft</b>
Grid Scale	<b>15 ft</b>

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4588	50.0%
Downward House Side	4588	50.0%
Downward Total	9175	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9175	100%

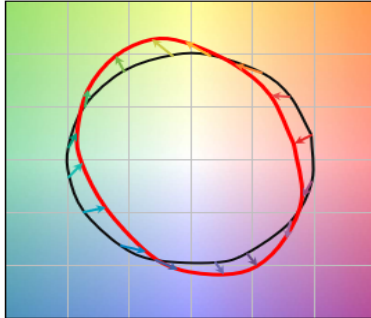
#### ISOFOOT CANDLE PLOT



**CC17K2**  
LED UPGRADE KIT

**TM-30 DATA**

**COLOR VECTOR GRAPHIC**

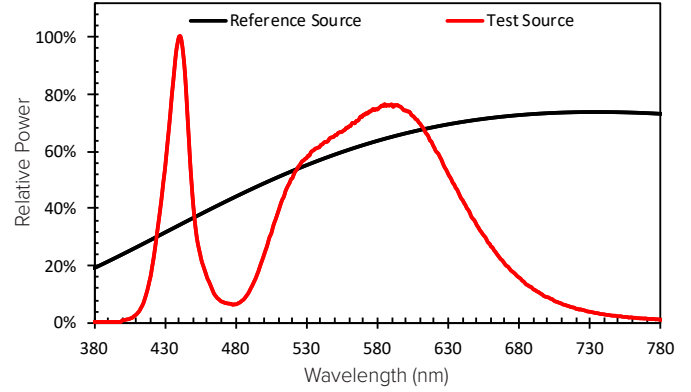


— Reference Illuminant — Test Source

**TEST SOURCE**

R <sub>f</sub>	68
R <sub>g</sub>	99
CCT(K)	3947
D <sub>uv</sub>	0.0004
x	0.3831
y	0.3793
CIE R <sub>a</sub>	72

**SPECTRAL POWER DISTRIBUTION COMPARISON**



**ELECTRICAL DATA**

LED #	System Watts	Current	Line Voltage		Amps AC						Min Power Factor	Max. THD (%)	Dimming				
			VAC	Hz	120	208	240	277	347	480			Dimming Range	Source Current Out		Absolute Voltage	
														Min	Max	Min	Max
36L	28.3	225 mA	120-480	50/60	0.24	0.14	0.12	0.10	0.08	0.06	>0.9	20	10% to 100%	0mA	1mA	0V	10V
	53.4	465 mA			0.44	0.26	0.22	0.19	0.15	0.11							
	84.1	730 mA			0.70	0.40	0.35	0.30	0.24	0.18							

TM-21 Lifetime Calculation - Projected Lumen Maintenance (25°C / 77°C)						
HOURS	0	25,000	36,000	50,000	100,000	Reported L70
Projected Lumen Maintenance	100%	97.1%	95.6%	93.7%	87.3%	>60000