

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



3000K and warmer CCTs only

Curvilinear



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

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

HOUSING

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

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

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

CC17K2

LED UPGRADE KIT

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

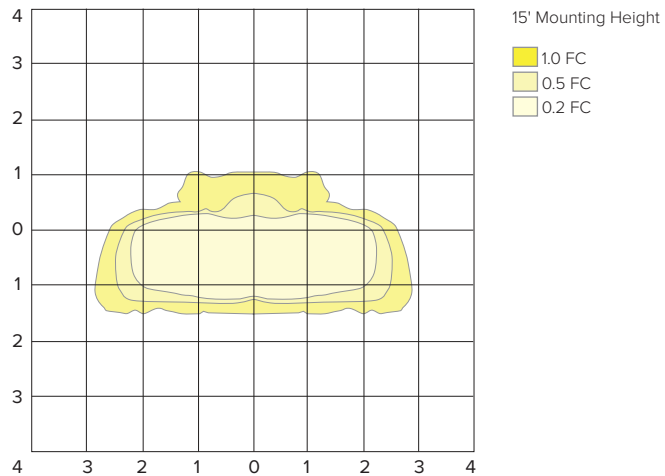
LUMINAIRE DATA

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

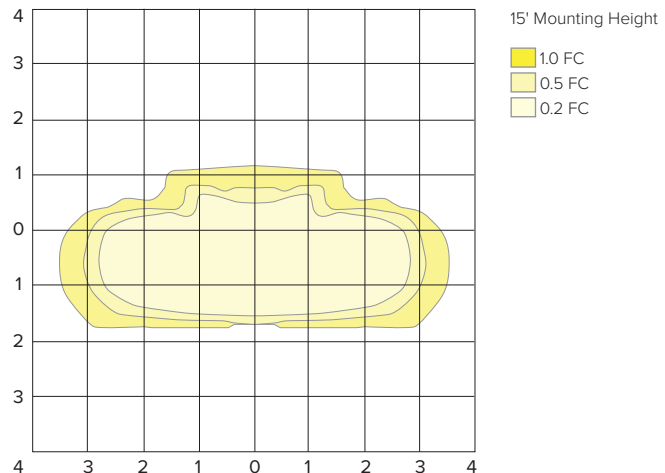
LUMINAIRE DATA

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

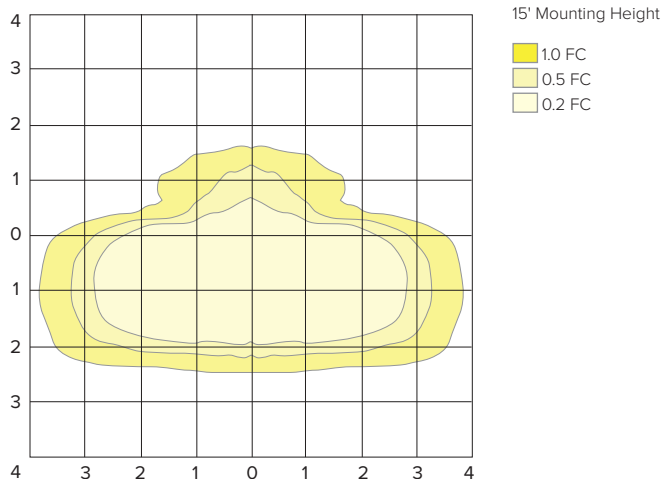
LUMINAIRE DATA

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%

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%

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

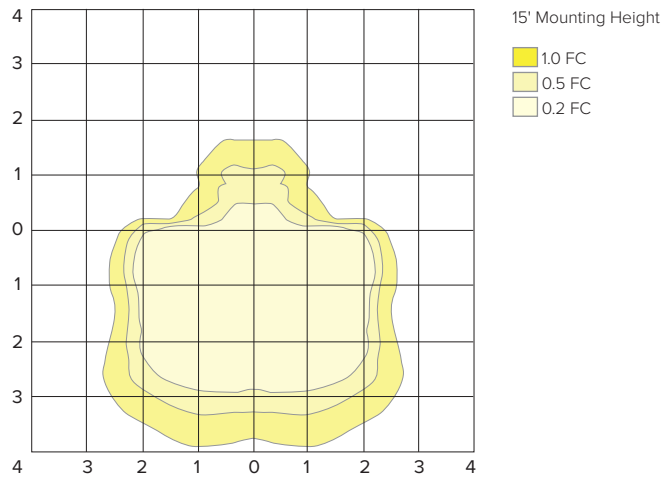
LUMINAIRE DATA

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

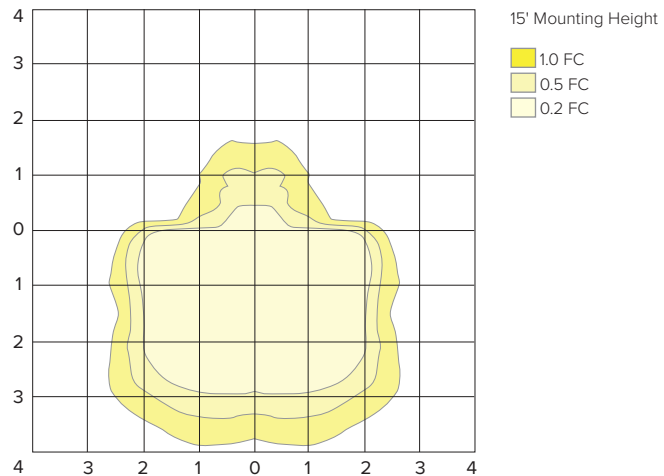
ZONAL LUMEN SUMMARY

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%

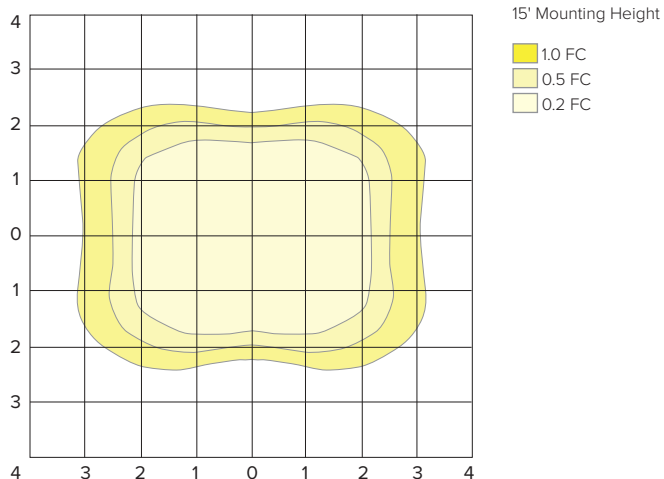
ISOFOOT CANDLE PLOT



ISOFOOT CANDLE PLOT



ISOFOOT CANDLE PLOT



CC17K2

LED UPGRADE KIT

PHOTOMETRY

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

LUMINAIRE DATA

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

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%

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

LUMINAIRE DATA

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

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%

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

LUMINAIRE DATA

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

ZONAL LUMEN SUMMARY

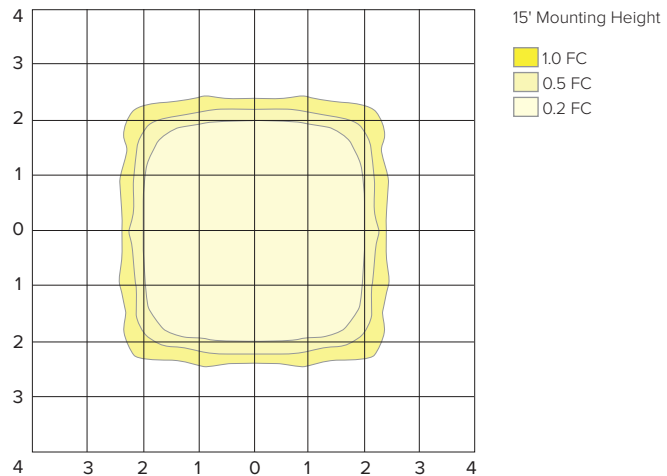
Zone	Lumens	% Luminaire
Downward Street Side	4588	50.0%
Downward House Side	4588	50.0%
Downward Total	9175	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	9175	100%

DATE: _____ LOCATION: _____

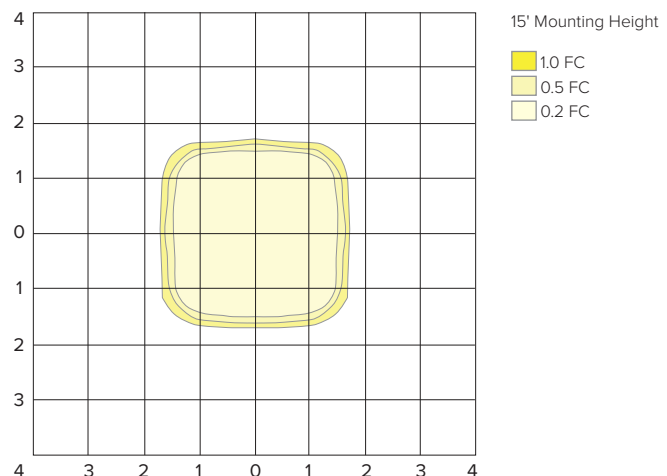
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CATALOG #: _____

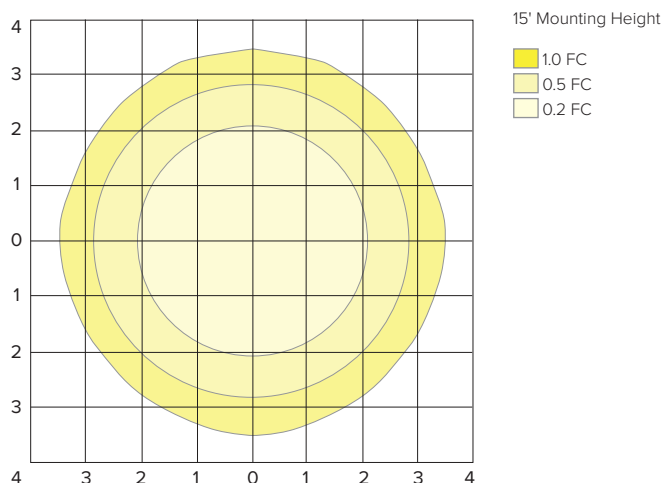
ISOFOOT CANDLE PLOT



ISOFOOT CANDLE PLOT

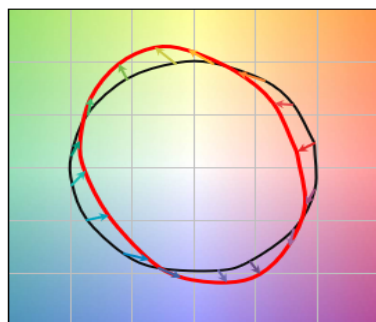


ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC

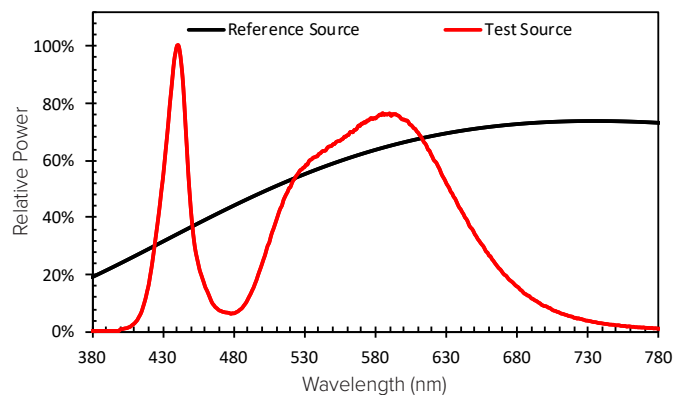


— Reference Illuminant — Test Source

TEST SOURCE

R _f	68
R _a	99
CCT(K)	3947
D _{uv}	0.0004
x	0.3831
y	0.3793
CIE R _a	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