

CUTLASS SERIES

High Lumen Output Cutlass LED Tennis Court Light



CENTER COURT
LIGHTING

SPECIFICATIONS

APPLICATION

The Cutlass Series of high output LED luminaires are designed to be a replacement for HID area lights. It is optimal for lighting applications where long life, low maintenance, and consistent color rendering is required.

CONSTRUCTION

The heavy-duty housing is constructed of cast aluminum with heat dissipating fins. The optical assemblies are sealed in place using a silicone gasket for weather tight protection. Modular LED system for ease of maintenance. ETL listed for wet locations (IP65). Each fixture can accommodate advanced wireless control management and reporting systems for outdoor lighting.

OPTICAL SYSTEM

Made with a state of the art UV stabilized acrylic high performance refractive optical assemblies that use high transmissivity materials to achieve precise photometric distributions.

ELECTRICAL SYSTEM

Available in up to a 45,000 LED lumens in most optical distributions with either 5000K Cool White (+/- 500K), 4000K Neutral White or 3000K Warm White color temperatures. LED's rated for over 50,000 hours at 25°C ambient temperature. Available with 120~277V 50/60 Hz power supply. 480V and 347V input option or 0-10V

dimming. Built-in surge protection up to 10 kV. Built-in Active PFC Function LED driver conforms to UL8750 standards.

MOUNTING

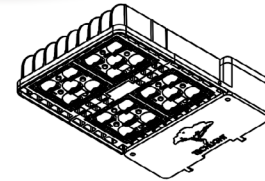
Standard mounting options include single, twin 70° and 180°, quad 70° and 90° Davit and 7° Up Tilt Straight Arms. Additional mounting options may be available for custom applications.

FINISH

A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.



DIMENSIONS



Fixture EPA (ft.²)-2.00 | Approx. Weight- 70 lbs.

ORDERING INFORMATION

EXAMPLE: CTL-C-8L-T4-1-GR-BTEC

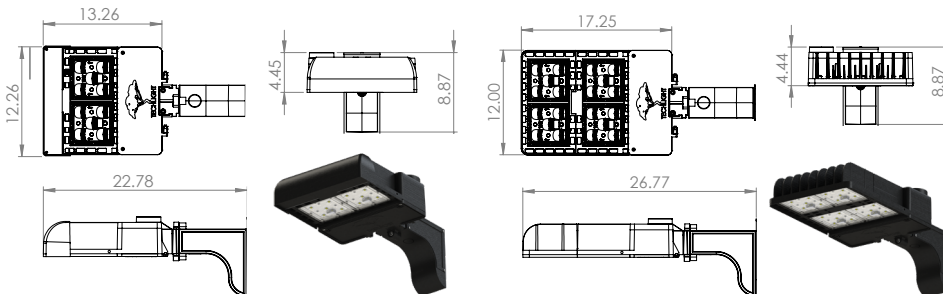
CTL	C	8L	T4	1	GR	BTEC
SERIES	COLOR TEMP	NOMINAL LUMENS	OPTICS	VOLTAGE	FINISH	Option
	C = Cool White (5000K) N = Neutral White (4000K) W = Warm White (3000K)	5L = 5,000 Lumens 8L = 8,000 Lumens 10L = 10,000 Lumens 12L = 12,000 Lumens 15L = 15,000 Lumens 20L = 20,000 Lumens 25L = 25,000 Lumens 30L = 30,000 Lumens 35L = 35,000 Lumens 40L = 40,000 Lumens 45L = 45,000 Lumens	T2 = Type II T3 = Type III T4 = Type IV FAW = Frontline Auto Wide T4T = Type IV Tennis T5M = Type V Medium T5W = Type V Wide	1 = Multi-Volt ¹ 2 = 347~480v (HV)	BK Black BZ Bronze GR US Green WH White SP Special ²	BTEC ⁵ Integrated Bluetooth Control Module Casambi Ready Mesh Network

FIXTURE DIMENSIONS

Dimensions shown are for fixture bodies only. Mounting options must be ordered separately. Fixture shown with arm sold separately.

Dimensions shown for 5L - 20L Brick Unit

Dimensions shown for 25L - 45L Brick Unit



NOTES

- 1 = Multi-Volt is an auto ranging power supply from 100V to 300V input.
- 2 = Custom RAL color matching is available. Contact your sales representative for additional info.
- 3 = Enables remote access using the Gateway and Sites functionality in the Casambi App. Automatically restores network control settings and provides automatic time back up for the mesh network.
- 4 = For extended range greater than 150ft between BT Mesh Network connections.
- 5 = Control Modules are installed and luminaires are commissioned at the factory. Lighting control system via the Casambi app for Apple iOS and Android devices provides diverse functionality for a control hierarchy capable of managing multiple schedules and scenes and incorporating a variety of energy saving accessories.

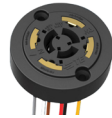
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ACCESSORIES (Order Separately)



CTL SM
Slide Mount Adaptor
(Required to Mount to Arms)



PCR7
7-Pin Twist-Lock Photocell Receptacle ANSI C136.41 and Receptacle Shorting Cap



PC7
Multi-Tap (105-285V) Twist-Lock Photocell

PC2
480V Twist-Lock Photocell


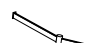

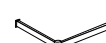

BTEC⁵
Integrated Bluetooth Control Module Casambi Ready Mesh Network

STGA7L³
Wi-Fi Ready Tablet / Gateway Samsung Tab A7 Lite






CER100⁴
Wireless Repeater

ARMS (Order Separately)

CCS 7° TILT ARMS











-  Single Straight Arm with 7° Up Tilt
CCSVSA7-190
EPA: 1.8 29 lbs.
-  Double Straight Arm at 180° with 7° Up Tilt
CCSVSA7-2180
EPA: 3.4 49 lbs.
-  Double Straight Arm at 70° with 7° Up Tilt
CCSVSA7-270
EPA: 2.8 49 lbs.
-  Quad Straight Arm at 70° with 7° Up Tilt
CCSVSA7-470
-  Quad Straight Arm at 90° with 7° Up Tilt
CCSVSA7-490
EPA: 3.75 89 lbs.

DAVIT ARMS

-  Single Davit Arm
DV190
EPA: 0.9 51 lbs.
-  Double Davit Arm at 180°
DV2180
EPA: 1.4 83 lbs.
-  Double Davit Arm at 70°
DV270
EPA: 1.1 83 lbs.
-  Quad Davit Arm at 70°
DV470
-  Quad Davit Arm at 90°
DV490
EPA: 1.6 145 lbs.

Slide Mount Adaptor (CTL SM) must be used in conjunction with any of the arms above to properly mount CTA fixture.

EPA's (Ft.²)

Fixture Configuration	DAVIT ARM MOUNT		Fixture Configuration	CCS7 ARM MOUNT	
	2 Brick EPA's ⁶	4 Brick EPA's ⁶		2 Brick EPA's ⁶	4 Brick EPA's ⁶
	1.3	1.5		2.3	2.4
	2.3	2.6		4.3	4.6
	1.9	2.0		3.5	3.6
	2.9	3.2		4.9	5.2
	3.3	3.5		5.4	5.7

⁶ = EPA's shown include both the fixture and the mounting apparatus.

LUMINAIRE CHARACTERISTICS

Cool White (5000K)

Neutral White (4000K)

Warm White (3000K)

Output ID	Nominal Lumens	TYPE 4T			TYPE 5M			TYPE 4T			TYPE 5M			TYPE 4T			TYPE 5M		
		System Lumens	System Watts	Lm/W	System Lumens	System Watts	Lm/W	System Lumens	System Watts	Lm/W	System Lumens	System Watts	Lm/W	System Lumens	System Watts	Lm/W	System Lumens	System Watts	Lm/W
		BUG Rating			BUG Rating			BUG Rating			BUG Rating			BUG Rating			BUG Rating		
5L	5,000	5723	35	165	5663	35	164	5865	35	169	5803	35	168	5461	35	158	5403	35	156
		B2-U0-G1			B2-U0-G0			B2-U0-G1			B2-U0-G0			B2-U0-G1			B2-U0-G0		
8L	8,000	8495	53	161	8405	53	159	7808	47	167	7726	47	165	8105	53	153	8019	53	152
		B2-U0-G1			B3-U0-G0			B2-U0-G1			B3-U0-G0			B2-U0-G1			B3-U0-G0		
10L	10,000	10218	65	157	10110	65	155	10470	65	160	10360	65	159	10558	71	148	10447	71	146
		B3-U0-G1			B3-U0-G0			B3-U0-G1			B3-U0-G0			B3-U0-G1			B3-U0-G0		
12L	12,000	11867	78	153	11742	78	151	12160	78	156	12032	78	155	11322	78	146	11203	78	144
		B3-U0-G1			B3-U0-G0			B3-U0-G1			B3-U0-G0			B3-U0-G1			B3-U0-G0		
15L	15,000	15207	92	164	15045	92	163	15126	92	164	14965	92	162	15042	97	155	14881	97	153
		B3-U0-G1			B3-U0-G1			B3-U0-G1			B3-U0-G1			B3-U0-G1			B3-U0-G1		
20L	20,000	20146	129	156	19931	129	154	20039	129	155	19824	129	154	20207	138	146	19991	138	145
		B3-U0-G2			B4-U0-G1			B3-U0-G2			B4-U0-G1			B3-U0-G2			B4-U0-G1		
25L	25,000	24913	149	167	24647	149	166	24780	149	166	24516	149	165	24915	158	158	24649	158	156
		B4-U0-G2			B4-U0-G1			B4-U0-G2			B4-U0-G1			B4-U0-G2			B4-U0-G1		
30L	30,000	30415	185	164	30090	185	163	30253	185	164	29930	185	162	30084	194	155	29763	194	153
		B4-U0-G2			B5-U0-G1			B4-U0-G2			B5-U0-G1			B4-U0-G2			B5-U0-G1		
35L	35,000	35370	221	160	34992	221	158	35182	221	159	34806	221	157	34694	231	150	35496	240	148
		B4-U0-G2			B5-U0-G1			B4-U0-G2			B5-U0-G1			B4-U0-G2			B5-U0-G1		
40L	40,000	40292	258	156	39861	258	154	40077	258	155	39649	258	154	40414	277	146	39982	277	145
		B4-U0-G2			B5-U0-G1			B4-U0-G2			B5-U0-G1			B4-U0-G2			B5-U0-G1		
45L	45,000	44913	295	152	45547	304	150	44913	295	152	45547	304	150	44670	313	143	45211	322	140
		B4-U0-G2			B5-U0-G2			B4-U0-G2			B5-U0-G2			B4-U0-G2			B5-U0-G1		