

Solid Bronze, Landscape Lighting



SIMPLE.

DURABLE.

INNOVATIVE.



Old world craftsmanship...tomorrow's technology®



*"We use the best materials, to produce the
finest fixtures, for customers who
appreciate quality."*

David Beausoleil, President



Integrated LED Fixtures... Designed for the Technology

CLASSIC SERIES

Solid bronze integrated and modular LED & incandescent fixtures that set the 'CAST Quality' standard.

CRAFTSMAN SERIES

Rock-solid integrated LED fixtures – that meet the need for 'CAST Quality' at a lower price.

IMPRESSIONIST SERIES®

Remarkably durable, feature-rich fixtures that fully leverage integrated LED technology – exceptional light control for exceptional results.

MIX AND MATCH TO FIT EVERY BUDGET

SIMPLE.

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INNOVATIVE.

THE CAST CLASSIC SERIES -

The Original Landscape Fixture Line

- Full line of solid bronze directional, path, deck, and specialty lights
- Superior heat management for improved LED performance & extended life
- Integrated LED modules to convert path lights and bullets to LED



Bullet Lights
(CBLED141 & CBL1CB)



Tree Lights
(CTLED141 & CCTL1C)



MR-11 Bullet Light
(CBL5CB)



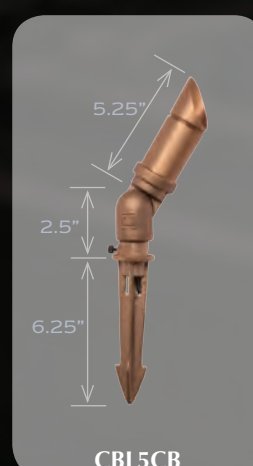
MR-16 Area Bullet
Light
(CBAL1CB)



Copper Niche
Light
(CNL1CB)



**Replaceable
Optics**
(for CBLED141 &
CTLED141)
12°, 21°, 41°



10W T-3 Lamp
included with
Niche Light. Lamps
not included with
incandescent MR-11
and MR-16 lights.

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Classic Series: Path/Area Lights



Mini-China Hat
(CCH5CB, CCH5LED1)



Small China Hat
(CCH1CB, CCH13CB)



Large China Hat
(CCH2CB)



Large Mushroom
(CMU2CB)



Small Mushroom
(CMU1CB, CMU13CB)



New Orleans
(CNO1CB)



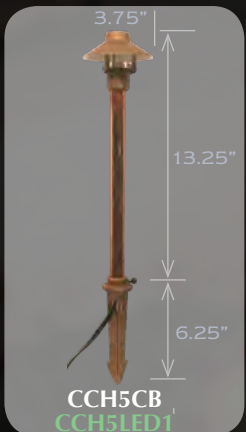
Savannah
(CSA1CB, CSA1LED2)



CALED2

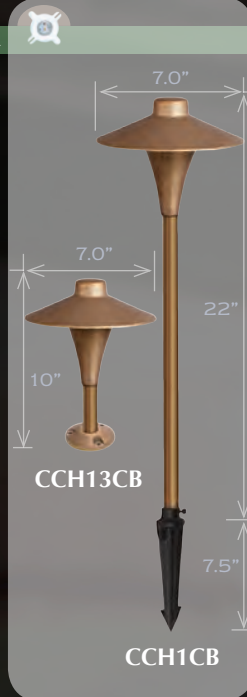
Add to
Path/Area
Lights to
convert
to LED

LED Path Light
Module
(CALED2)



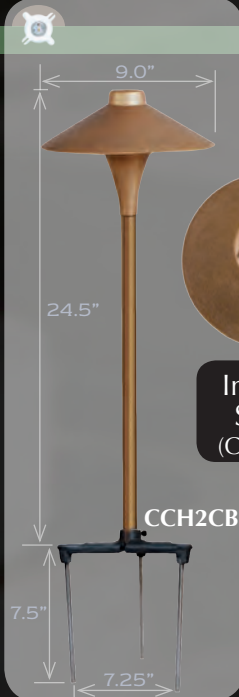
CCH5CB
CCH5LED1

*CCH5LED1 is
IP66 Rated



CCH13CB

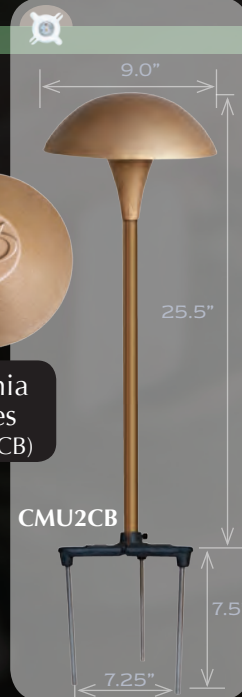
CCH1CB



CCH2CB



Insignia
Series
(CISX2CB)



CMU2CB



CMU13CB

CMU1CB



CNO13CB

CNO1CB



CSA1CB
CSA1LED2



(CSWLED2)

Add to
CSA1CB to
convert to
LED

www.cast-lighting.com

800-914-2278

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The Patina Process:

CAST bronze and copper fixtures start with a metallic sheen, then change to an old-penny brown, then finally to a "Statue of Liberty" patina.

Bronze is a **Living** Finish



CAST Turtle Safe:



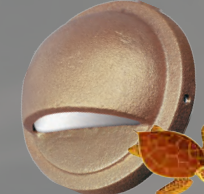
The Florida Fish and Wildlife Conservation Committee, approved specific LEDs from CAST Lighting as being Turtle-Safe. All species of SeaTurtles are recognized as either endangered or threatened. The Federal Endangered Species Act of 1973 protects them. Artificial lighting used for beach front properties may interfere with turtle egg-laying and hatching. In order to have our LEDs comply we must abide by the "Wildlife Lighting Criteria" which includes mounting restrictions, shielded bulbs and lamps, and long wavelength of bulbs. For more information, check out our articles at www.cast-lighting.com



CALED2A
FWC Certification
2015-014



CSWLED2A
FWC Certification
2015-015



CDL1LED1A
FWC Certification
2015-013



CCDL1BA
FWC Certification
2015-013

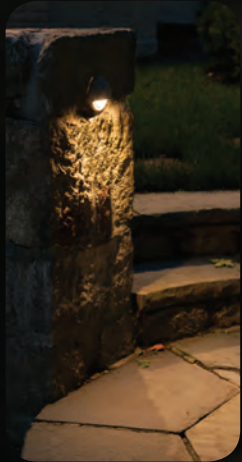
LED Modules	Fixtures that work with Turtle-Safe Module
CALED2A	CCH13CB, CCH1CB, CCH2CB, CMU13CB, CMU1CB, CMU2CB, CNO13CB, CNO1CB
CSWLED2A	CSA1CB, CWW1CB

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Deck Lights



Deck Light
(CDL1CB, **CDL1LED1**)

Savannah
Deck Light
(CDL2CB)



BETTER THAN BRASS

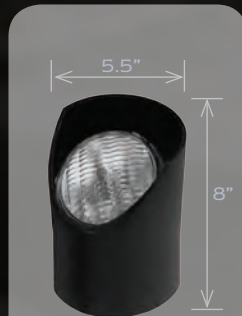
CAST Solid Bronze Fixtures are better than brass
- much more resistant to
corrosion and breakage, and weathers
to a more beautiful patina.

Well Lights



Well Light
(CWLFL Series)

MR-16 Well Light
(CWLMR16 Series)



CWLWFL Series



CWLG1CB
CWL1CB

Check website for
PAR36 Lamps



CWLMR16



CWLMR16G

Lamp not included

Wash Lights

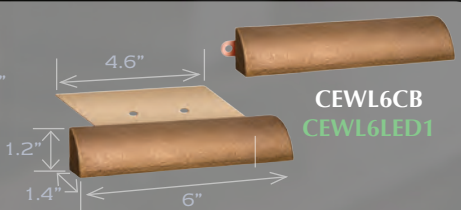


Wall Wash
(CWL6CB,
CWL6LED1)

Engineered Wall Light
(CEWL5CB, CEWL6CB)
(**CEWL5LED1, CEWL6LED1**)



CWL6CB
CWL6LED1



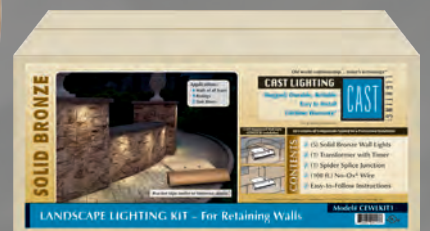
CEWL5CB
CEWL5LED1



CWW1CB
CWW1LED2



Add to
CWW1CB
to convert
to LED
(**CSWLED2**)



CEWLKIT1, **CEWLKIT1LED**

CEWL5CB & CEWL6CB include
10W T-3 Wedge-Base lamp

*CWL6LED1
is IP66 Rated

Bringing Back the Bronze Age

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THE CAST LED CRAFTSMAN SERIES

Quality for a Lower Budget

- Solid bronze and Eurometal construction so fixtures will not break or corrode
- LED boards integrated into fixture body for improved performance and longevity
- Premium quality optical components to deliver beautiful illumination

*All Craftsman Series Fixtures are IP66 Rated.

Craftsman Bronze



Craftsman-Bronze
Spot/Wash Lights



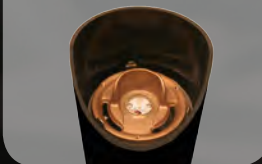
Craftsman-Bronze
Deck Light
(CCDL1B)



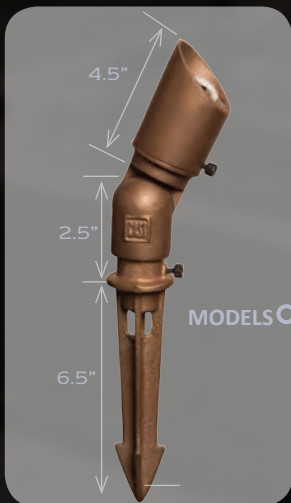
Craftsman-Bronze
Path/Area Light
(CCPL2B)



*Use CWLNLNW



Craftsman-Bronze
Ground Lights

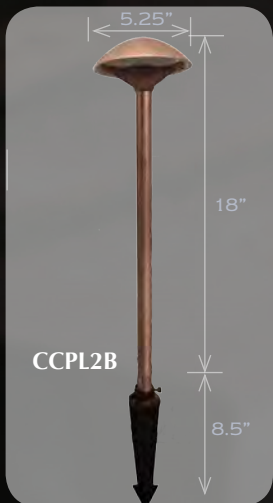


MODELS



Craftsman-Bronze
Spot/Wash Lights

Model	Lumens (Lm) /Beam Angle
CCSL10536B	105/36°
CCSL18336B	183/36°
CCSL18354B	183/54°
CCSL25036B	250/36°
CCW270B	270/120°



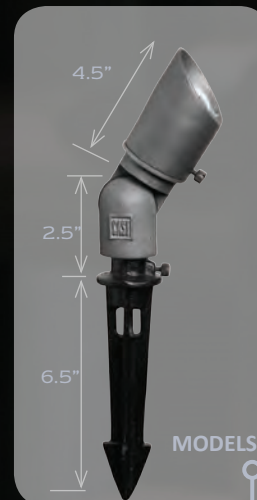
CCPL2B



Craftsman-Bronze
Ground Lights

Model	Lumens (Lm) /Beam Angle
CCGL18336B	183/36°
CCGL25036B	250/36°
CCGL105WB	105/120°
CCGL270WB	270/120°

Craftsman Silver



MODELS

Craftsman-Silver
Spot/Wash Lights

Model	Lumens (Lm) /Beam Angle
CCSL10536S	105/36°
CCSL18336S	183/36°
CCW270S	270/120°



Craftsman-Silver Spot/
Wash Lights



Craftsman-Silver Path/
Area Light
(CCPL2S)

Craftsman-Silver Deck
Light
(CCDL1S)



CCDL1S



CCPL2S

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THE CAST LED IMPRESSIONIST SERIES®

Design Flexibility & Light Level Adjustment

- 20-step light level control so brightness can be adjusted in the field
- Quick-change optics (5 beam spreads), so lighting can change with the landscape
- **New!** Hi-Power Models Available (CID2 Series)

*All Impressionist Fixtures are IP66 Rated.



LED Impressionist®
Directional Light
(CID140, CID248)



LED Impressionist®
Tree Light
(CIT164, CIT265)



LED Impressionist
Wall Wash Light
(CIWL6)



LED Impressionist
Directional Area Light
(CIDA140, CIDA248)

*CIJ Jumper Cable for manual dimming (incl. with fixtures)

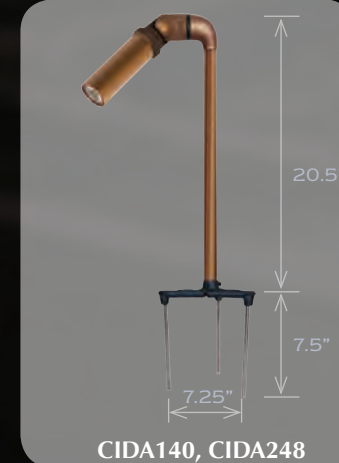
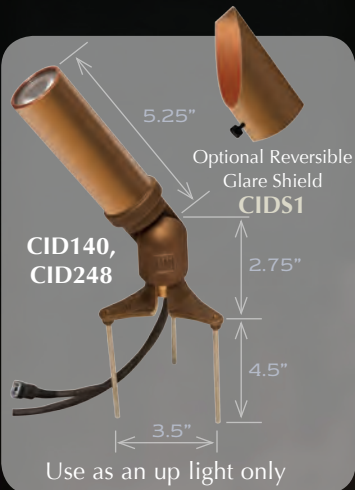


CDIMMER



CIJ*

LED Impressionist
Dimmer Controls
(CDIMMER, CIJ*)



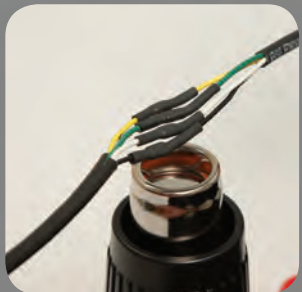
CID1 Series Optical Modules
13°, 24°, 40°, 64°, 15° x 39°
CID2 Series Optical Modules
24°, 48°, 65°, 20°x38°

LED Impressionist
Replaceable Optical Modules
(CIDO...)

All Impressionist Series lights have **built-in dimming** - controlled by CAST manual or automatic control units.

All Impressionist Series® Fixtures: US Patent 9,115,857 B2; 9,140,414, B1 Intl. Patents; Other Patents Pending.

Impressionist Accessories



Impressionist Wire
Splice Kit
(CLWSI)



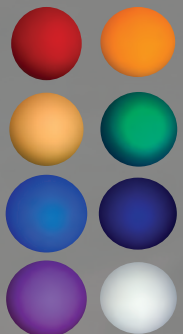
Impressionist
Dimmer Extension Cable
(CDIMMEREW)
*Use with CDIMMER

CAST Dichroic Color Filters

These can be used with the Impressionist fixtures (excluding the CIWL6). The filters are coated to reflect unwanted colors while allowing desired colors to pass through. They are extremely stable and will not fade for an extended period of time.

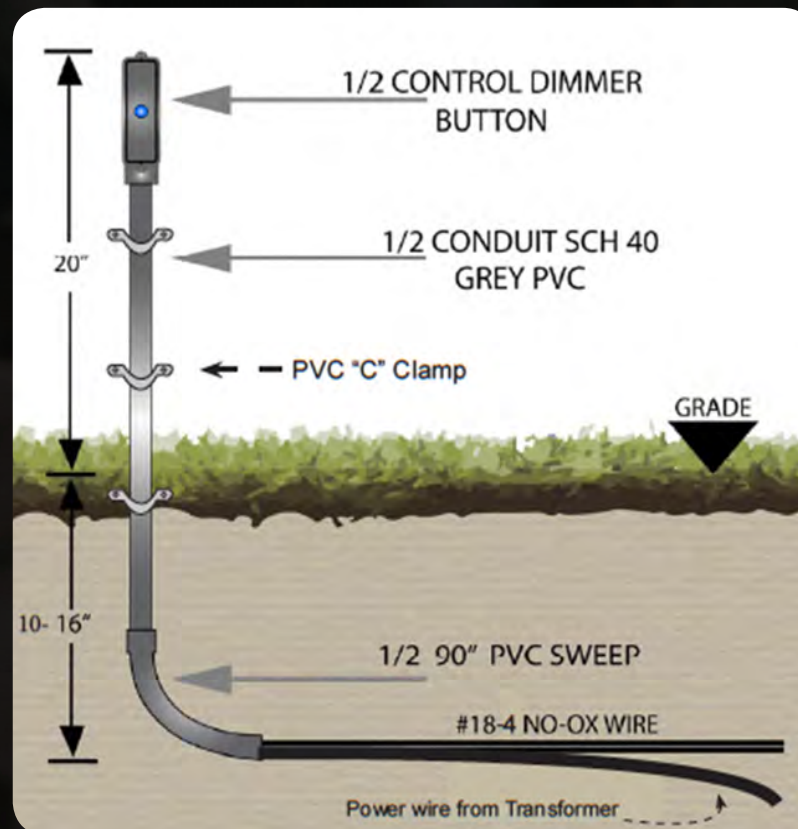
*They are also available in the size needed for the MR-16 Bullet Lights. (Classic Series)

See our website for more details.



Impressionist Gang-Dimming (CIGDS)

- Any amount of fixtures can be wired together with a push of a button.
- When Push-Button switch is depressed and held, "Gang Dimming" will start
- For Instructional Technical Notes visit our website.



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Transformers



Journeyman® Series

24 Volt CPT Series

Master Series

CAST Lighting Multi-Tap Toroidal Transformers				
Model #	Volt-Amps	Voltage Taps	Enclosure	Features
Journeyman Series®				
CJT75SSMTTC	75	12, 15, & 20	Stainless Steel	Time clock included
CJT150SSMT	150	12-15	Stainless Steel	Secondary magnetic circuit breakers can accommodate up to 10 fixtures
CJ300SSMT	300	12-15	Stainless Steel	
CJ600SSMT	600	12-15	Stainless Steel	
CJ900SSMT	900	12-15	Stainless Steel	
24 Volt CPT Series				
CPT300	300	24 & Optional 26	Stainless Steel	Photocell plug & enclosure knock-out to connect and mount optional photocell (CTPC)
CPT600	600	24 & Optional 26	Stainless Steel	Low-Off-High Switch
CPT1200	1200	24 or 26	Stainless Steel	Optional 26-volt booster
Master Series				
CM1200SSMT	1200	12-18	Stainless Steel	Primary Breaker and Extra Common
CM900SSMT	900	12-18	Stainless Steel	

*220/240V export models available for CJ300, CJ600, & 24 Volt CPT Series models. Volt-Amps equivalent to watts for incandescent.

Transformer Accessories

Photocells (CTPC) (CTRPC)

The quick-connect photocell plugs into the transformer to switch on the power at dusk. It is typically used in conjunction with a CAST Timer.



CAST Plug In Time Clock (CTTC)

This manual time clock plugs into the transformer time receptacle and is easy to program.



CAST Astronomical Digital Time Clock (CTDTC)

This time clock works with all CAST transformers. It gives you more setting and options compared to the Manual Time Clock.

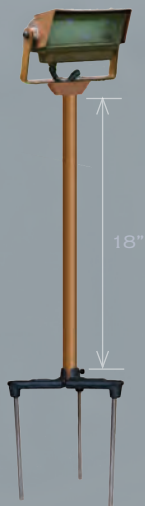


Calculate Voltage Loss and Energy Use

CAST System Calculators enable the designer to properly size system components, predict voltage loss, and calculate energy consumption. Calculators work for any size system with any wiring method.

For Training, Videos and Other Online Resources, go to www.cast-lighting.com.

MOUNTING OPTIONS & ACCESSORIES



CWL9KIT

CWL*KITS include mount, stem, and flange - for CWL6CB, CWL6LED1, and CILW6.



CWL9EXKIT



CWL8KIT



CWL7KIT



CAST Set-in-Stone®
Wall Light Mounting System
(for CEWL5 Series)



Small Talon Stake®
(CTSS1)
(Bronze)



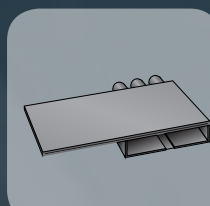
Large Talon Stake®
(CTSL1)
(Eurometal)



Standard Stake
(CMS1EM)
(Eurometal)



Long Stake
(CLMS1EM)
(Eurometal)



Wall Light Mounting
Module
(CSIS)



Flexible Conduit
(CSISC)



Heavy Duty
Mounting Stake
(CHMS1CB)*



Tree Light
Mounting Canopy
(XCBPTMC1)



Fixture Extensions
Fixed Extensions for
Directional Lights:
Use CWTRS Series

Telescopic
Extensions for
Directional Lights:
Use CBTRS Series

Fixed Extensions for Path
Lights:
Use XCBPS Series

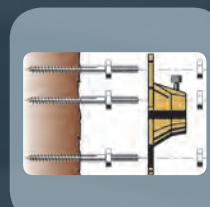
Telescopic
Extensions for
Path Lights:
Use CWTRS Series

Extension available
up to 48".
Mounts not included.



EZ-Riser™ Set-In-Stake®
Custom Riser System

The Coupling, Elbow, and Tee
allow you to create
customized stem and mounting
configurations. The Copper Piping
is available in sizes up to 48" and
can be cut to size in the field.



Tree Light
Mounting Hardware
(CTREEH1)



Mounting Canopy
(CFM1CBS)



Sprinkler Shield
(CSPS)



Tree Light
Transition Adapter
(XCBPTLTA)



MR-11 Mounting
Canopy
(XCBPTMC2)



Well Light Configuration
(CWLNLNW)



Set-in-Stake Transition
Adapter
(XCBPTA2)

SIMPLE.

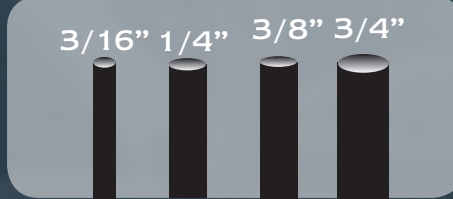
DURABLE.

INNOVATIVE.



BULK Seamless Non-Insulated
Butt Crimp Connections
(CLWS***)

These Seamless Non-insulated Wire crimp Connections come in a variety of sizes and two different style (Butt Splice Crimp & Parallel Crimp). You can make wire crimp connections for #18, #16, #14, #12, & #10 No-Ox® Wire. They come in bags of 250 pcs.



BULK Heat Shrink
with Internal Sealant
(CHS***)

The new heat shrink comes in a variety of sizes (3/16", 1/4", 3/8", and 3/4" in 2 ft. sections) at fantastic Bulk pricing and packaging.

Butt Crimp & Heat Shrink Sets are available, give us a call to learn more!

No-Ox® Tin-Coated Marine Grade Wire

- Tin-coated for corrosion resistance
- Direct burial, stranded, for low voltage lighting
- Footage markings on wire

• 2-Conductor
500 ft. put up

#8-2 – CLW82500

#10-2 – CLW102500

#12-2 – CLW122500

#14-2 – CLW142500
(Grey)

#16-2 – CLW162500

• 2-Conductor
250 ft. put up

#10-2 – CLW102250

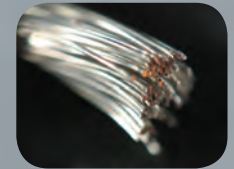
#12-2 – CLW122250

• 4-Conductor
250 ft. put up

#18-4 – CLW184250

(Impressionist Control
Cable - for extensions)

Lighting Wire



Why Tin-Coated Marine-Grade Wire?

CAST Lighting abandoned the use of all copper wire and here is why:

- Tin oxides maintain their conductivity.
- Soldering provides the most secure, corrosion resistant splice points. Tin solder is the most preferred type, therefore tin-coated wire is the best choice for a seamless connection.
- Tin-Coated Marine-Grade wire is UL specified. Our No-Ox® wire is used in all internal wiring of CAST fixtures and transformers.



Lenses & Louvers
(See Website)



Well Light Lens &
Bronze Ring
(CWL1CB)



Well Light Grate
(CWLG1CB)



Tools
(See Website)



Distributor Parts
Kit
(See Website)



Contractors Parts
Kit
(See Website)



Splice Kits
(See Website)

LED SPECIFICATIONS – TEST DATA FROM IESNA-CERTIFIED LABORATORIES

Model#	Name	Voltage Range (V)	Amps	Watts	Power Factor	Volt Amps	CRI	L-70 HRS	Color Temp	Horizontal Beam	Actual Beam	Total Lumens	Center Beam Candela (CBCP)	Beam Lumens
Impressionist Series®														
CID140 & CIDA140	LED Directional Light 40°	10-24	0.47	5.05	0.886	5.70	80	51,400	2776	n/a	40°	273	526	134
CIT164	LED Tree Light 64°	10-24	0.47	5.05	0.886	5.70	80	51,400	2775	n/a	62°	269	254	190
CID248 & CIDA248	LED Directional Light 48°	10-24	0.804	8.74	0.91	9.60	80	51,400	2747	n/a	48°	449	630	281
CIT265	LED Tree Light 65°	10-24	0.804	8.74	0.91	9.60	80	51,400	2744	n/a	63°	445	374	323
CIWL6	LED Wall Wash Light	10-24	0.73	7.63	0.88	8.67	82	51,400	2710	85°	62°	292	184	189
Classic Series														
CBLED141 - High	LED MR-16 Bullet 41°	10-24	0.82	9.25	0.94	9.84	80	60,500	2720	n/a	32°	328	946	155
CBLED141 - Low	LED MR-16 Bullet 41°	10-24	0.52	5.86	0.93	6.30	80	60,500	2720	n/a	30°	269	781	115
CTLED141 - High	LED Tree Light 41°	10-24	0.52	5.86	0.93	6.30	80	60,500	2720	n/a	30°	269	781	115
CTLED141 - Low	LED Tree Light 41°	10-24	0.37	4.1	0.93	4.41	81	60,500	2559	n/a	30°	157	567	87
CWL6LED1	LED Mini Wash	10-24	0.47	5.01	0.9	5.57	82	60,500	2801	81°	53°	122	90	67
CWW1LED2	LED Wall Wash	10-24	0.4	4.33	0.9	4.81	82	60,500	2758	84°	84°	148	85	106
CEWL5(6)LED1	LED Engineered Wall Light	10-24	0.24	2.5	0.88	2.84	81	60,500	2704	94°	78°	76	38	45
CDL1LED1	LED Deck Light	10-24	0.27	2.82	0.88	3.20	81	60,500	2759	97°	69°	49	29	36
CMU1CB w/CALED2	LED Small Mushroom	10-24	0.41	4.4	0.89	4.94	82	62,000	2769	n/a	n/a	104	37	n/a
CMU2CB w/CALED2	LED Large Mushroom	10-24	0.39	4.22	0.91	4.64	83	62,000	2809	n/a	n/a	131	57	n/a
CCH1CB w/CALED2	LED Small China Hat	10-24	0.41	4.42	0.89	4.97	82	62,000	2797	n/a	n/a	82	21	n/a
CCH2CB w/CALED2	LED Large China Hat	10-24	0.39	4.23	0.91	4.65	83	62,000	2804	n/a	n/a	116	39	n/a
CNO1CB w/CALED2	LED New Orleans	10-24	0.42	4.42	0.89	4.97	82	62,000	2808	n/a	n/a	129	43	n/a
CISX2CB w/CALED2	LED Insignia	10-24	0.39	4.23	0.91	4.65	83	62,000	2804	n/a	n/a	116	39	n/a
CSA1LED2	LED Savannah	10-24	0.4	4.41	0.91	4.85	82	62,000	2737	n/a	n/a	200	94	n/a
CCH5LED1	LED Mini China Hat	10-24	0.27	2.71	0.84	3.23	81	62,000	2829	n/a	n/a	58	18	n/a
Craftsman Series														
CCSL10536B or S	LED Spot Light (105Lm, 36°)	10-24	0.26	2.8	0.89	3.15	81	51,400	2736	n/a	28°	89	358	54
CCSL18336B or S	LED Spot Light (183Lm, 36°)	10-24	0.25	2.69	0.88	3.06	80	51,400	2794	n/a	34°	153	417	85
CCSL18354B	LED Spot Light (183Lm, 54°)	10-24	0.26	2.68	0.87	3.08	79	51,400	2885	n/a	44°	153	238	81
CCSL25036B	LED Spot Light (250Lm, 36°)	10-24	0.42	4.3	0.82	5.24	79	51,400	2816	n/a	34°	229	665	135
CCW270B or S	LED Wash Light (270Lm)	10-24	0.4	4.33	0.9	4.81	82	60,500	2758	92°	84°	164	94	118
CCPL2B or S	LED Path Light	10-24	0.4	4.22	0.89	4.74	82	62,000	2790	n/a	n/a	114	46	n/a
CCDL1B or S	LED Deck Light	10-24	0.27	2.88	0.88	3.27	82	60,500	2787	88°	88°	89	46	52

LED SPECIFICATIONS – LM-79 TESTING RESULTS

Model#	Name	Voltage Range (V)	Amps	Watts	Power Factor	Volt Amps	CRI	L-70 HRS	Color Temp	Horizontal Beam	Actual Beam	Total Lumens	Center Beam Candela (CBCP)	Beam Lumens
Craftsman Series (continued)														
CCGL18336B	LED Ground Light (183Lm, 36°)	10-24	0.25	2.69	0.88	3.06	80	51,400	2794	n/a	34°	153	417	85
CCGL25036B	LED Ground Light (250Lm, 36°)	10-24	0.42	4.3	0.82	5.24	79	51,400	2816	n/a	34°	229	665	135
CCGL270WB	LED Ground Light (270Lm)	10-24	0.4	4.33	0.9	4.81	82	60,500	2758	92°	84°	164	94	118
CCGL105WB	LED Ground Light (105Lm, 120°)	10-24	0.27	2.82	0.88	3.20	81	60,500	2759	92	84°	49	29	36

LED SPECIFICATIONS – CAST Lighting Independent LM-79 Test Results for Path/Area Lights. All Specifications derived from LM-79 testing performed at full power at 12 Volts AC. Higher drive current of 24V A/C will increase below values by 10% (*). Fixtures below fitted with CALED2 LED Retrofit Module (A)

Path/ Area Lights	Voltage Range AC or DC	Amps	Watts (cost to operate)	Power Factor	Volt Amps	Efficacy (lumens/Watt consumed)	CRI	L-70 Hrs	Color Temp	Total Lumens	Maximum Candela	45° Candela	BUG Rating
Model #													
CMU1CB Small Mushroom (*) (A)	10-24	0.41	4.4	0.890	4.94	24.00	82	62,000	2769	104	37	28	0,0,0
CMU2CB Large Mushroom (*) (A)	10-24	0.39	4.22	0.910	4.64	31.04	83	62,000	2809	131	57	34	0,0,0
CCH5LED1 Mini Chini Hat	10-24	0.27	2.71	0.840	3.23	21.48	81	62,000	2829	58	18	13	0,1,0
CCH1CB Small Chini Hat (*) (A)	10-24	0.41	4.42	0.890	4.97	18.55	82	62,000	2797	82	21	19	0,0,0
CCH2CB Large China Hat (*) (A)	10-24	0.39	4.23	0.910	4.65	27.42	83	62,000	2804	116	39	29	0,0,0
CNO1CB New Orleans (*) (A)	10-24	0.42	4.42	0.890	4.97	29.19	82	62,000	2808	129	43	35	0,1,0
CSA1CB Savannah (*) (A)	10-24	0.4	4.41	0.910	4.85	45.35	82	62,000	2737	200	94	49	0,0,0
CISX2CB Insignia (*) (A)	10-24	0.39	4.23	0.910	4.65	27.42	83	62,000	2804	116	39	29	0,0,0
CCPL1 & CCPL2 Craftsman (*)	10-24	0.4	4.22	0.890	4.74	27.01	82	62,000	2790	114	46	30	0,0,0

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All CAST Lights conform to: UL Std's 1838 & 8750; CE; Certified to CAN/CSA Std's C22.2 No. 250.0 & C22.2 No. 250.13. Suitable for wet locations. FCC Class B Conducted and Radiated. RoHS. Products newly introduced may have certifications and tests pending. IES files available upon request. Some products Patents Pending.

LED SPECIFICATIONS – LM-79 TESTING RESULTS

LED SPECIFICATIONS – CAST Lighting Independant LM-79 Test Results for Integrated LED Directional Spot Lights. Electric and Photometric Test Results. Halogen Equivalent LED Data Reference Sheet. All Specifications as per LM-79. Integrated LED fixtures tested at 12 Volts AC. Halogen Reference tested at 11.5V AC in a CBL1CB Cast Spot Light.

Spot Lights		% of total output Impressionist Series	Voltage Range AC or DC	Amps	Watts (cost to operate)	Power Factor	Volt Amps (Use this to size Transformer)	Efficacy (lumens/ Watt consumed)	CRI	L-70 Hrs	Color Temp	Actual Beam (Angle: 50% of Candela)	Total Lumens	Center Beam Candela (CBCP)	Beam Lumens
Model #	Dimmer Level Setting in BARS (Impressionist Series Only)														
10 Watt Halogen 36° (DMB)			11.5	0.76	8.75	1	8.75	5	100	NA	2697	31°	48	168	30
CCSL10536B or S			10-24	0.26	2.8	0.89	3.15	32	81	51,400	2736	28°	89	358	54
CID140 Series 40° Optic	Three	30%	10-24	0.122	1.309	0.871	1.50	60	80	51,400	2776	40°	79	153	39
CID248 Series 48° Optic	Five	50%	10-24	0.069	1.59	0.804	1.98	62	80	51,400	2747	48°	99	139	62
20 Watt Halogen 36° (BAB)			11.5	1.67	19.19	1	19.19	6	100	NA	2780	32°	121	387	85
CCSL18336B or S			10-24	0.25	2.69	0.88	3.06	57	80	51,400	2794	34°	153	417	85
CCGL18336B			10-24	0.25	2.69	0.88	3.06	57	80	51,400	2794	34°	153	417	85
CCSL18354B			10-24	0.26	2.68	0.87	3.08	57	79	51,400	2885	44°	153	238	81
CID140 Series 40° Optic	Seven	70%	10-24	0.283	3.22	0.929	3.47	61	80	51,400	2776	40°	197	379	96
CID248 Series 48° Optic	Eight	80%	10-24	0.217	4.73	0.947	4.99	57	80	51,400	2747	48°	269	378	169
CTLED141 Low Setting STD			10-24	0.37	4.1	0.93	4.41	38	81	60,500	2559	30°	157	567	87
35 Watt Halogen 36° (FMW)			11.5	2.72	31.39	1	31.39	7	100	NA	2753	32°	218	625	135
CCSL25036B			10-24	0.42	4.3	0.82	5.24	53	79	51,400	2816	34°	229	665	135
CCGL25036B			10-24	0.42	4.3	0.82	5.24	53	79	51,400	2816	34°	229	665	135
CBLED141 Low			10-24	0.52	5.86	0.93	6.30	46	80	60,500	2720	30°	269	781	115
CID140 Series 40° Optic	Ten	100%	10-24	0.47	5.05	0.886	5.70	54	80	51,400	2776	40°	273	526	134
CID248 Series 48° Optic	Ten	100%	10-24	0.804	8.74	0.91	9.60	51	80	51,400	2747	48°	449	630	281
CTLED141 Hi Setting			10-24	0.52	5.86	0.93	6.30	46	80	60,500	2720	30°	269	781	115
50 Watt Halogen 36° (EXN)			11.5	3.76	43.44	1	43.44	7	100	NA	2778	28°	296	1028	183
CBLED141 Hi Setting STD			10-24	0.82	9.25	0.94	9.84	35	80	60,500	2720	32°	328	946	155
CID140 Series 24° Optic	Nine	90%	10-24	0.414	4.55	0.903	5.04	64	80	51,400	2777	25°	289	1162	124
CDL1LED1A	Eight	80%	10-24	0.401	4.73	0.964	4.91	62	80	51,400	2747	24°	293	1114	106
75 Watt Halogen 36° (EYC)			11.5	5.56	64.16	1	64.16	9	100	NA	2991	28°	551	2123	267
CID248 Series 24° Optic	Ten	100%	10-24	0.804	8.74	0.91	9.60	56	80	51,400	2747	24°	489	1856	177

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LED SPECIFICATIONS – LM-79 TESTING RESULTS

LED SPECIFICATIONS – CAST Lighting Independent LM-79 Test Results for Integrated LED Deck, Engineered Wall Lights & Wash Lights. Electrical and Photometric Test Results. All specifications as per LM-79 Integrated LED fixtures test @ 12 Volts AC Higher driver current of 24V A/C will increase below values of 10% (*).

Deck, Wall & Wash Lights	Dimmer Level Setting in BARS	% of total output Impressionist Series	Voltage Range AC or DC	Amps	Watts (cost to operate)	Power Factor	Volt Amps	Efficacy (lumens/ Watt consumed)	CRI	L-70 Hrs	Color Temp	Horizontal Beam (angle at 50% of	Vertical Beam (angle at 50% of Candela)	Total Lumens	Center Beam Candela (CBCP)	Beam Lumens
Model #																
Deck Lights																
CCDL1B or S Craftsman Deck Light (*)			10-24	0.27	2.88	0.88	3.27	31	82	60,500	2787	88°	88°	89	46	52
CDL1LED1 Classic LED Deck Light (*)			10-24	0.27	2.82	0.88	3.20	17	81	60,500	2759	97°	69°	49	29	36
Engineered Wall Lights																
CEWL5LED1/CEWL6LED1 Engineered Wall Light (*)			10-24	0.24	2.5	0.88	2.84	30	81	60,500	2704	94°	78°	76.06	38	45
CEWL5LED1/CEWL6LED1 Minus Reflector (*)			10-24	0.24	2.5	0.88	2.84	14	80	60,500	2704	94°	78°	36	18	28
Wash Lights																
CCW270B or S Craftsman Wash Light (*)			10-24	0.4	4.33	0.9	4.81	38	82	60,500	2758	92°	84°	164	94	118
CCGL270WB Craftsman Ground Light (*)			10-24	0.4	4.33	0.9	4.81	38	82	60,500	2758	92°	84°	164	94	118
CWW1LED2 Classic Wash Light (*)			10-24	0.4	4.33	0.9	4.81	34	82	60,500	2758	84°	84°	147.6	85	106
CWL6LED1 Hi-Power Wall Wash w/ Shroud (*)			10-24	0.47	5.01	0.9	5.57	24	82	60,500	2801	81°	53°	122	90	67
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Min.	0%	10-24	0.04	0.22	0.694	0.32	66	82	51,400	2710	85°	62°	14.6	9	9.45
CIWL6 Impressionist Wall Wash w/ Shroud (*)	One	10%	10-24		0.58	0.786	0.74	50	82	51,400	2710	85°	62°	29.2	18	18.9
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Two	20%	10-24	0.07	0.6	0.804	0.75	97	82	51,400	2710	85°	62°	58.4	37	37.6
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Three	30%	10-24	0.11	1.17	0.88	1.33	75	82	51,400	2710	85°	62°	87.6	55	56.7
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Four	40%	10-24		1.35	0.883	1.53	87	82	51,400	2710	85°	62°	116.8	74	75.6
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Five	50%	10-24		1.6	0.896	1.79	91	82	51,400	2710	85°	62°	146	92	94.5
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Six	60%	10-24		2.5	0.947	2.64	70	82	51,400	2710	85°	62°	175.2	110	113
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Seven	70%	10-24		3.13	0.955	3.28	65	82	51,400	2710	85°	62°	204.4	129	132
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Eight	80%	10-24		4.73	0.964	4.91	49	82	51,400	2710	85°	62°	233.6	147	151
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Nine	90%	10-24		5.88	0.958	6.14	45	82	51,400	2710	85°	62°	262.8	166	170
CIWL6 Impressionist Wall Wash w/ Shroud (*)	Ten	100%	10-24	0.73	7.63	0.88	8.67	38	82	51,400	2710	85°	62°	292	184	189

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