

SOLID BRONZE, LANDSCAPE LIGHTING




SIMPLE.

DURABLE.

INNOVATIVE.



OLD WORLD CRAFTSMANSHIP...TOMORROW'S TECHNOLOGY™

A photograph of a house at night. The house has light-colored siding and dark shutters on the windows. A stone walkway leads from the foreground towards the house. The garden is illuminated with several small, modern outdoor lights. The sky is dark, and the overall scene is lit with warm, ambient light from the house and garden lights.

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

David Beausoleil, President

1 IMPRESSIONIST SERIES®

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

2 CLASSIC SERIES

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

3 CRAFTSMAN SERIES

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

Mix and Match to Fit Every Budget

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INNOVATIVE.

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)



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*)



CID140, CID248



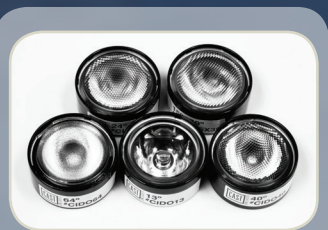
Control brightness from
base of tree with Dimmer
Control (CDIMMER)



Use as up or down light
View CWL-Kit
Mounting Options
on p. 12



CIDA140, CIDA248



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...)

Impressionist Accessories



Impressionist Wire
Splice Kit
(CLWSI)



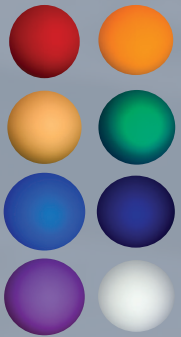
Impressionist
Dimmer Extension Cable
(CDIMMEREW)
*Use with CDIMMER

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.

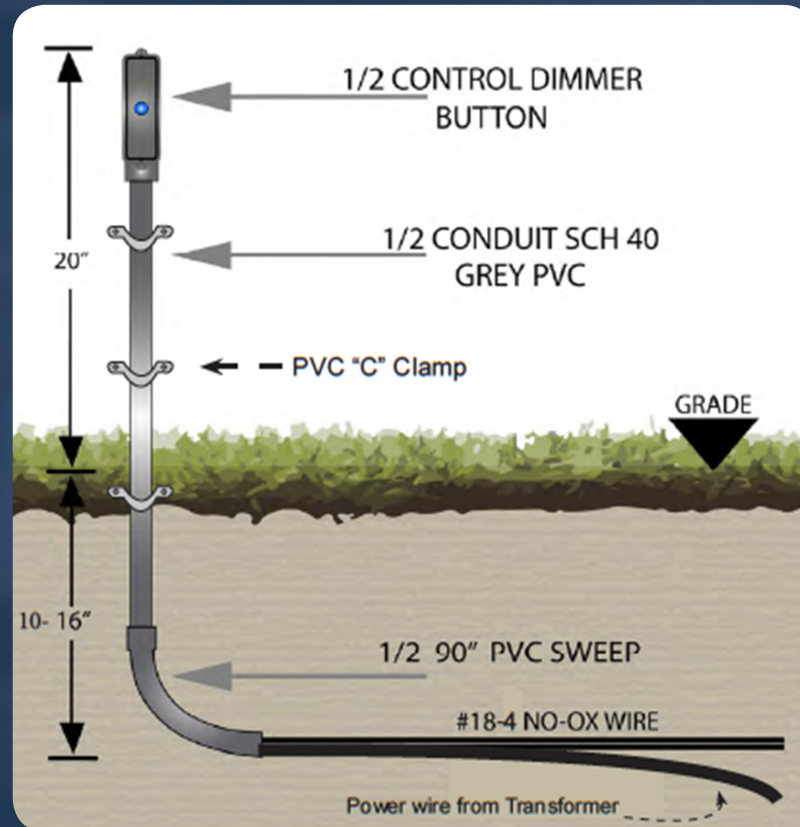
*They are also available in the size needed for the MR-16 Bullet Lights. (Classic Series)

See our website for more details.



Impressionist Gang-Dimming (CIGDS)

- ▶ Any amount of fixtures can be wired together with a push of a button.
- ▶ Open Push-Button switch when depressed will start the "Gang Dimming"
- ▶ For Instructional Technical Notes visit our website.



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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 incan-
descent 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)



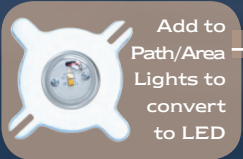
Small Mushroom
(CMU1CB, CMU13CB)



New Orleans
(CNO1CB)



Savannah
(CSA1CB, CSA1LED2)



Add to
Path/Area
Lights to
convert
to LED

LED Path Light
Module
(CALED2)



CCH5CB
CCH5LED1



CCH13CB

CCH1CB



Insignia
Series
(CISX2CB)

CCH2CB



CMU2CB



CMU13CB

CMU1CB



CNO13CB

CNO1CB



CSA1CB
CSA1LED2

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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.

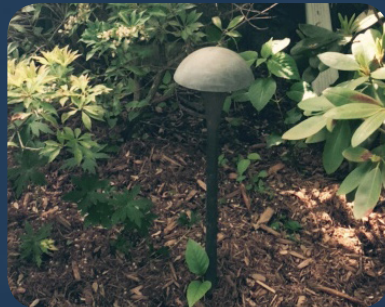
Bronze is a *Living Finish*



CAST Turtle Safe:



The Florida Fish and Wildlife Conservation Committee, approves 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



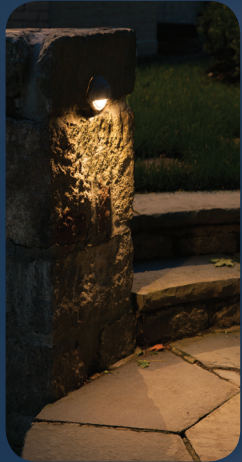
CSWLED2A
FWC Certification #
2015-015



CDL1LED1A
FWC Certification #
2015-013

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

Deck Lights



Deck Light
(CDL1CB, CDL1LED1)



Savannah
Deck Light
(CDL2CB)

Well Lights



Well Light
(CWFL Series)



MR-16 Well Light
(CWLMR16 Series)

Wash Lights



Wall Wash
(CWL6CB, CWL6LED1)



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



CDL1CB
CDL1LED1
CDL1CB includes
18.5W T-5 lamp



CDL2CB
Includes 12W T-5
Wedge-Base lamp



CWLWFL Series
CWLG1CB
CWL1CB

Check website for
PAR36 Lamps



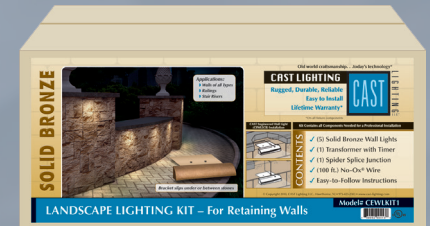
CWLMR16
CWL16G
Lamp not included



CWL6CB
CWL6LED1

CEWL6CB
CEWL6LED1
CEWL5CB
CEWL5LED1

CWW1CB
CWW1LED2



CEWLKIT1, CEWLKIT1LED
CEWL5CB & CEWL6CB include
10W T-3 Wedge-Base lamp

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.

SIMPLE.

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INNOVATIVE.

The CAST LED Craftsman Series

Quality for a Lower Budget

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

Craftsman Bronze



Craftsman-Bronze Spot/Wash Lights



Craftsman-Bronze Deck Light (CCDL1B)



Craftsman-Bronze Path/Area Light (CCPL2B)



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°



Craftsman Silver



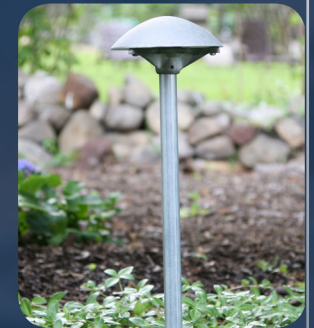
MODELS

Craftsman-Silver Spot/Wash Lights

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



Craftsman-Silver Spot/Wash Lights



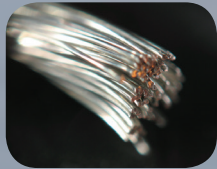
Craftsman-Silver Path/Area Light (CCPL2S)



Craftsman-Silver Deck Light (CCDL1S)



Lighting Wire

No-Ox[®] Tin-Coated Marine Grade Wire

- Tin-coated for corrosion resistance
- Direct burial, stranded, for low voltage lighting
- Remaining ft. marked
- 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)

Transformers



Master Series

Journeyman[®] Series

CAST Lighting Multi-Tap Toroidal Transformers

Model ¹	Volt-Amps ²	Voltage Taps	Enclosure	
Master Series				
CM1200SSMT	1200	12-18	Stainless Steel	Primary Breaker and Extra Common
CM900SSMT	900	12-18	Stainless Steel	
Journeyman Series[®]				
CJ900SSMT	900	12-15	Stainless Steel	Low/Off/High Switch adds one volt
CJ600SSMT	600	12-15	Stainless Steel	
CJ300SSMT	300	12-15	Stainless Steel	
CJ150SSMT	150	12-15	Stainless Steel	
CJ75SSMTTC	75	12 & 15	Stainless Steel	Built-in Timer
CJ300PSMT	300	12-15	Powder-Coated Steel	
CJ600PSMT	600	12-15	Powder-Coated Steel	
CJ900PSMT	900	12-15	Powder-Coated Steel	

220/240V export models available for CJ300 & CJ600 models.
Volt-Amps equivalent to watts for incandescent.

Calculate Voltage Loss and Energy Use

CAST Perimeter & LED 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.

Transformer Accessories

Photocells (CTPC) (CTRPC)

These quick-connect photocell plugs attach to 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.



MOUNTING OPTIONS & ACCESSORIES



CWL9KIT



CWL9EXKIT



CWL8KIT



CWL7KIT



Small Talon Stake®
(CTSS1)
(Bronze)



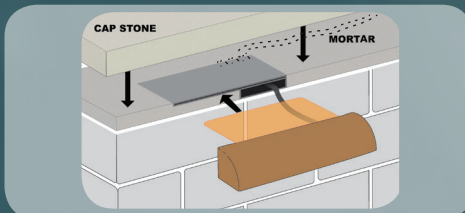
Large Talon Stake®
(CTS1)
(Eurometal)



Standard Stake
(CMS1EM)
(Eurometal)



Heavy Duty
Mounting Stake
(CHMS1CB)*



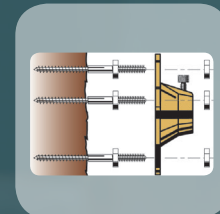
CAST Set-in-Stone®
Wall Light Mounting System
(for CEWL5 Series)



Mounting Canopy
(CFM1CBS)



Tree Light
Mounting Canopy
(XCBPTMC1)



Tree Light
Mounting Hardware
(CTREEH1)



Tools
(See website)



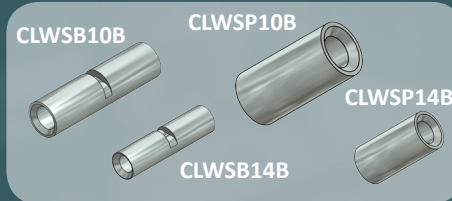
Fixture Extensions
Fixed Extensions for
Directional Lights:
Use CWTRS Series

Telescopic
Extensions for
Directional Lights:
Use CBTRS Series

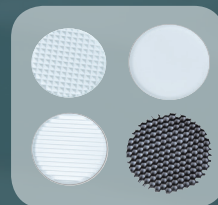
Fixed Extensions for
Path Lights:
Use XCBPS Series

Telescopic
Extensions for
Path Lights:
Use CWTRS Series

Extension available
up to 48".
Mounts not included.



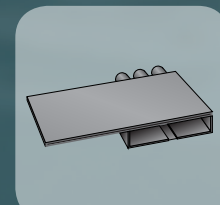
BULK Seamless Non-Insulated
Butt Crimp Connections
(CLWS***)



Lenses & Louvers
(See website)



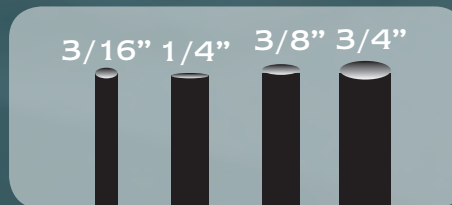
Splice Kits
(See website)



Wall Light
Mounting Module
(CSIS)



Flexible Conduit
(CSISC)



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

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.



CCPSTEM**

CCPC1

CCPT1

CCPL1

* All CAST fixtures have threadless studs (Set-in-Stake™) - though some have threaded stems (at top). All stakes and canopies are threadless (except CHMS1CB); some stem extensions have threaded tops. Threaded versions of most of these products are available - call with questions.

LED SPECIFICATIONS – LM-79 TESTING RESULTS

LED SPECIFICATIONS - CAST Lighting Independent 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 Impression- ist Series	Voltage Range AC or DC	Amps	Watts (cost to operate)	Power Factor	Volt Amps (Use this to size Transform- er)	Efficacy (lumens/ Watt con- sumed)	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
CSSL10536B 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	0.85	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
CSSL18336B or S			10-24	0.25	2.69	0.88	3.06	57	80	51,400	2794	34°	153	417	85
CSSL1854B			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
CSSL25036B			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

Specifications subject to change without notice. ©Copyright 2015, CAST Lighting.

spot-spec-summary-4-28-15

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 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

Specifications subject to change without notice. ©Copyright 2015, CAST Lighting.

led-path-summary-4-28-15

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 Independent LM-79 Test Results for Integrated LED Deck, Engineered Wall Lights & Wash Lights.
Electrical and Photometric Test Results. All specifications as per LM-79m Integrated LED fixtures teste @ 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 (Impressionist Only)	% 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 Candela)	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
CEWL6LED1/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
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	0.069	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	0.125	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	0.146	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	0.217	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	0.269	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	0.401	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	0.505	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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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.

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