

### CAST AREA/PATH LIGHTS

These solid bronze path lights are suitable for lighting walkways, pathways, planting beds, and other areas. Compact with extreme durability, they feature sealed and protected LED components.

### Classic Series



Classic-Chelsea London (CCL1CB)



Classic-Saratoga (CSR1CB)



Classic-New Orleans (CNO1CB)



Classic-Savannah (CSA1CB, CSA1LED2)



**LED Retrofit Modules**\*For an outstanding glare-free light source, use these Retrofit Modules to Convert CAST Path Lights to LED



LED Retrofit Module for Savannah Path Light & Wall Wash Light (CSWLED2)

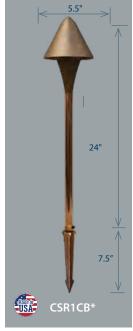


Turtle-Safe LED Path Light Retrofit Module (CALED2A)

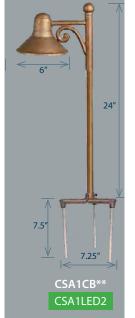


Turtle-Safe LED Retrofit Module for Savannah Path Light & Wall Wash Light (CSWLED2A)









\*Green Part Numbers Indicate Integrated LED

#### Fixture Specs:-

	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ
CCL1CB w/CALED2	10-24	116	4.23	4.65	2800 +/-
CSR1CB w/CALED2 10-24		116	4.23	4.65	2800 +/-
CNO1CB w/CALED2	10-24	129	4.42	4.91	2800 +/-
CNO13CB w/CALED2	10-24	129	4.42	4.91	2800 +/-
CSA1LED2	10-24	200	4.42	4.91	2800 +/-

<sup>\*</sup>Classic Path Light Fixtures can use our CALED2 LED Module, 25W S8 Halogen Lamp, or a 2.5W S8 LED Lamp (not included).

<sup>\*\*</sup>CSA1CB fixture comes standard with a 2.5W S8 LED Lamp.

### CAST AREA/PATH LIGHTS



### Classic Series



Classic-Small China Hat (CCH1CB, CCH13CB)



Classic-Large China Hat (CCH2CB)



Classic-Large Mushroom (CMU2CB)



Classic-Small Mushroom (CMU1CB, CMU13CB)



Classic- Mini China Hat (CCH5CB, CCH5LED1)











\*CCH5LED1 is IP66 Rated

### Fixture Specs:

	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ
CCH1CB w/CALED2	10-24	82	4.42	4.91	2800 +/-
CCH13CB w/CALED2	10-24	82	4.42	4.91	2800 +/-
CCH2CB w/CALED2	10-22	116	4.42	4.91	2800 +/-
CMU2CB w/CALED2	10-24	131	4.42	4.91	2800 +/-
CMU1CB w/CALED2	10-24	104	4.42	4.91	2800 +/-
CMU13CB w/CALED2	10-24	104	4.42	4.91	2800 +/-
CCH5LED1	10-24	58	2.71	3.23	2800 +/-

<sup>\*</sup>Classic Path Light Fixtures can use our CALED2 LED Module or a 2.5W S8 LED Lamp Model# SL3156250L (not included).





### CAST AREA/PATH LIGHTS

## Craftsman Series

Available in Integrated LED or Drop-In LED!





Craftsman-Bronze Path/Area Light (CCPL2B) Integrated LED (CCPL2BL) Drop-In LED



raftsman-China Hat Path/Area Light (CCPLCHB) Integrated LED (CCPLCHBL) Drop-In LED



Craftsman-Borneo Path/Area Light (CCPLBOB) Intregrated LED (CCPLBOBL) Drop-In LED



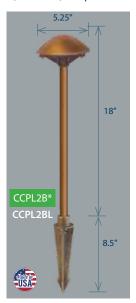
Craftsman-Cabana Path/Area Light (CCPLCAB) Integrated LED (CCPLCABL) Drop-In LED





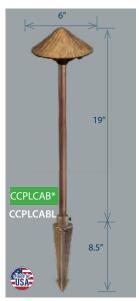


Classic-Insignia Path/Area Light (CISX2CB)











\*Replacement LED & Driver Assembly (CCPLLEDDRIVER) available for CCPL2B, CCPLBOB, CCPLCAB, and CCPLCHB.



#### Fixture Specs: -

Fixture Part Number	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ
CCPL2B, CCPLCHB, CCPLBOB, CCPLCAB Integrated LED	10-24	114	4.22	4.74	2800 +/-
CCPL2BL, CCPLCHBL, CCPLBOBL, CCPLCABL Drop-In LED included	10-20	250	2.5	3.0	2800 +/-
CISX2CB w/CALED2	10-24	116	4.42	4.91	2800 +/-



Drop-In LED Fixure includes lamp SLBP250L

### **CUSTOM FIXTURE CREATIONS**

Design and build your own fixtures for any application.





The Possibilities are Endless!

## EZ-Riser<sup>™</sup> Set-In-Stake<sup>®</sup> 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.



Two Tree Lights with the (CCPT1) Tee, 2" (CCPSTEM2), and the tree mounting canopy (XCBPTMC1).



Mini China Hat Sconce (CCH5LED1SC) Depth 6" from wall, Height 8" from bottom of base.



Craftsman Spot/Wash Light with 4" (CCPSTEM4) & (CCPC1)
Coupling.



Two Craftsman Spot/Wash Lights with 6" (CCPSTEM6), (CCPT1) Tee and Talon Stake (CTSL1).

### CAST DIRECTIONAL LIGHTS

#### Classic Series

These rugged directional lights can be used to uplight plant material, structures, and architectural features. A wide range of lamp wattages and beam angles allow for maximum design flexibility.



Photo courtesy of Steve Middleton, Treasure Coast Landscape Lighting, Hobe Sound, FL

# The fixture that started it all, the CBL1CB, OVER 20 YEARS IN THE GROUND AND STILL GOING STRONG!



Bullet Lights (CBL1CB & CBLED141)

### LED Replaceable Optics and Lamps:



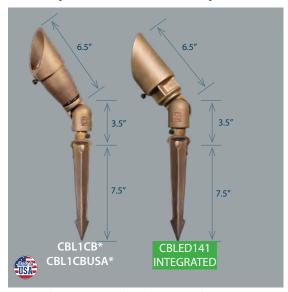


COLOR CODED! MR16 DROP-INS (for CBL1CB) See Pg. 18 for options

Replaceable Optics (for CBLED141) 12°, 21°, 41°



\*Green Part Numbers indicate Integrated LED



\*MR16 drop-in needed, sold seperately (see pg. 18)

#### Fixture Specs:

	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ	Halogen Equivalent (Watts)	No-Ox Lead Wire Length
CBLED141	10-24	328 High/ 269 Low	9.25 High/ 5.86 Low	9.84 High/ 6.3 Low	2800 +/-	50 High/ 35 Low	25 ft.

<sup>\*</sup>CBL1CB & CBAL1CB, lamp is not included. Fixtures require an MR-16 Bi-Pin Lamp (LED or Halogen) of your selection.

<sup>\*</sup>CBL5CB, lamp is not included. Fixture requires an MR-11 Bi-Pin Lamp (LED or Halogen) of your selection.

### CAST DIRECTIONAL LIGHTS



MR-11 Bullet Light (CBL5CB)









MR-16 Area Bullet Light (CBAL1CB)







\*The CBAL1CB works best with our MR16 SLMR161XXW27, 80° beam for Path Lighting, see pg. 18





Note: The fixtures on pg 8-9 come with a 25ft Lead Wire.

### CAST DIRECTIONAL LIGHTS



Craftsman-Bronze Spot/Wash Lights

Craftsman-Bronze Spot/Wash Lights						
Model	Lumens (Lm) /Beam Angle					
CCSL10536B	89/36°					
CCSL18336B	153/36°					
CCSL18354B	153/54°					
CCSL25036B	229/36°					
CCSL25054B	229/54°					
CCW105B	49/80°					
CCW270B	164/80°					



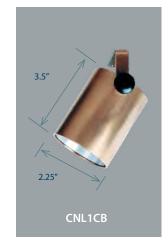
Craftsman-Bronze
Quick-Change Modules

Module	Lumens (Lm) /Beam Angle
CSMOD10536B	89/36°
CSMOD18336B	153/36°
CSMOD18354B	153/54°
CSMOD25036B	229/36°
CSMOD25054B	229/54°
CSMODW105B	49/80°
CSMODW270B	164/80°

\*All Craftsman Spotlights are Integrated LED



Copper Niche Light (CNL1CB)



2.5W T-5 LED Lamp included with Niche Light.



### Fixture Specs:

\*All Craftsman Series Fixtures are IP66 Rated

\*Green Part Numbers

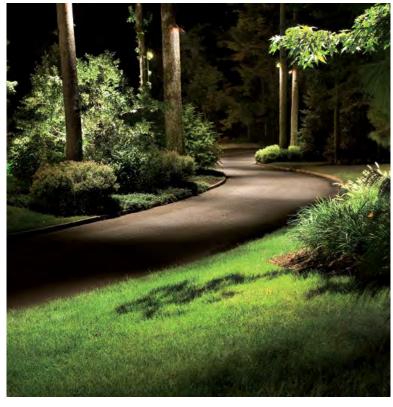
indicate Integrated LED

	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ	Halogen Equivalent (Watts)	No-Ox Lead Wire Length
CCSL10536B	10-24	89	2.82	3.2	2800 +/-	10	5 ft.
CCSL18336B	10-24	153	2.68	3.08	2800 +/-	20	5 ft.
CCSL18354B	10-24	153	2.68	3.08	2800 +/-	20	5 ft.
CCSL25036B	10-24	229	4.3	5.24	2800 +/-	35	5 ft.
CCSL25054B	10-24	229	4.3	5.24	2800 +/-	35	5 ft.
CCW105B	10-24	49	2.82	3.2	2800 +/-	10	5 ft.
CCW270B	10-24	164	4.33	4.81	2800 +/-	20	5 ft.

### CAST TREE LIGHTS

These tree light directional options are suitable for mounting in trees or on structures to provide a natural downlighting or moonlighting effect.





CCTL2C

Made with die cast brass, oil-rubbed bronze finish



\*CTREEH1 Mounting Hardware (incl. with all tree lights)



CCTL1C MR16 DROP-IN &
CTLED141 INTEGRATED
Made with sand cast solid bronze base



#### LED Replaceable Optics and Lamps:



Replaceable Optics (for CTLED141) 12°, 21°, 41°



COLOR CODED! MR16 Drop-Ins \*See Pg. 18

### Fixture Specs: -

	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ	Halogen Equivalent (Watts)	No-Ox Wire Length
CTLED141	10-24	157 Low/ 269 High	4.1 Low/ 5.86 High	4.41 Low/ 6.3 High	2800 +/-	20 Low/35 High	35 ft.

<sup>\*</sup>CCTL1C and CCTL2C lamp not included. Fixture requires an MR-16 Bi-Pin lamp of your choice (see pg. 18).

<sup>\*</sup>Green Part Numbers indicate Integrated LED

### CAST DECK/WALL/WASH LIGHTS

Suitable for downlighting when mounted on retaining walls, structure surfaces, posts, signs, walls, or plant material, these lights provide a wide, bright, and diffused illumination.



Craftsman-Bronze Deck Lights (CCDL1B, CCDL1BFG, CCDL1BA)



Classic
Deck Lights
(CDL1CB, CDL1LED1A)



Savannah Deck Light (CDL2CB)



Classic Wall Wash (CWW1CB, CWW1LED2)









CCDL1BA & CDL1LED1A are Turtle-Safe fixtures. See pg 19 for details.

\*Green Part Numbers indicate Integrated LED

#### Fixture Specs:-

	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ	No-Ox Wire Length
CDL1LED1	10-24	49	2.82	3.20	2800 +/-	25 ft.
CCDL1B	10-24	89	2.88	3.27	2800 +/-	5 ft.
CWW1LED2	10-24	148	4.33	4.81	2800 +/-	25 ft.

<sup>\*</sup>CDL1CB includes 2.5W T5 LED Lamp #SL921T5200L.

<sup>\*</sup>All Craftsman Series Fixtures are IP66 Rated

<sup>\*</sup>CDL2CB includes 2.5W T5 LED Lamp #SL921T5200L.

<sup>\*</sup>CWW1CB includes 2.5W S8 LED Lamp #SL3156250L.

<sup>\*</sup>CCDL1BFG comes with frosted lens.

### CAST DECK/WALL/WASH LIGHTS





Photo courtesy of Andy Knutsen, Knutsen Outdoor, Conestoga, PA

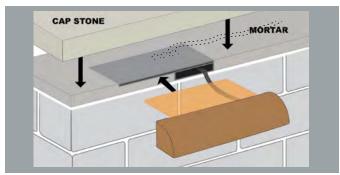
#### CAST Set-in-Stone® Wall Light Mounting System (for CEWL5 Series)

System includes Wall Light Mounting Module (CSIS) and Flexible Conduit (CSISC), sold seperately.

Installed during wall construction to provide fixture mounting locations and wiring conduit to be installed after the wall has been completed.

This system greatly simplifies the planning, installation, and maintenance of wall lights.

Set-in-Stone® Patent# 8, 627, 609, 8, 464, 492, D649, 695













Engineered Wall Light (CEWL5CB, CEWL6CB) Includes Drop-In Lamp #SL921T5200L (CEWL5LED1, CEWL6LED1) Integrated LED



\*Green Part Numbers indicate Integrated LED

#### Fixture Specs: -

	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ	No-Ox Wire Length
CEWL5LED1	10-24	76	2.5	2.84	2800 +/-	25 ft.
CEWL6LED1	10-24	76	2.5	2.84	2800 +/-	25 ft.

<sup>\*</sup>CEWL5CB & CEWL6CB includes 2.5W T5 LED Lamp #SL921T5200L.

### CAST WELL/GROUND LIGHTS

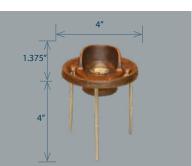
These rugged well and ground lights are great for uplighting/wash lighting landscapes, shrubs, trees, and architectural features and are extremely effective washing low and wide plant material.

### Craftsman Ground Lights



Craftsman-Bronze Ground Lights







Craftsman-Bronze Ground Lights						
Lumens (Lm) /Beam Angle						
153/36°						
229/36°						
49/80°						
164/80°						

Classic Well Lights



Well Light (CWL Series)



MR-16 Drop-In Well Light (CWLMR16 Series)



\*CWLG2CB comes with CWLMR16G, if you prefer CWLG1CB please specify.



\*All Craftsman ground light fixtures are Integrated LED

Fixture Specs:—

1 IXture Sp	CCD.						
	Voltage Range (AC/DC)	Total Lumens	Watts (cost to operate)	Volt Amps	ССТ	No-Ox Wire Length	Halogen Equivalent (Watts)
CCGL18336B	10-24	153	2.69	3.06	2800 +/-	5 ft.	20
CCGL25036B	10-24	229	4.3	5.24	2800 +/-	5 ft.	35
CCGL105WB	10-24	49	2.82	3.20	2800 +/-	5 ft.	10
CCGL270WB	10-24	164	4.33	4.81	2800 +/-	5 ft.	20

### CAST TRANSFORMERS & NO-OX® WIRE



#### **Transformers**



#### **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 conjuction with a CAST Time Clock.



#### CAST Plug In Time Clock (CTTC)

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

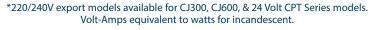


### **CAST Digital Time Clock (CTDTC)**This time clock works with all CAST

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



CAST Lighting Multi-Tap Toroidal Transformers										
Model #	Volt-Amps	Voltage Taps	Enclosure	Features						
Journeymen Series*										
CJT75SSMTTC	75	12, 15, & 20		Tlme clock included						
CJT150SSMT	150	12-15	Stainless	Secondary Magnetic						
CJ300SSMT	300	12-15	Steel	Circuit Breaker / On-Off						
CJ600SSMT	600	12-15		Switch. Terminal Lugs can Accommodate up to 8						
CJ900SSMT	900	12-15		Pieces #12-2 No-Ox® Wire						
		Master	Series							
CM1200SSMT	1200	12-18	Stainless	Primary Breaker and Extra						
CM900SSMT	900	12-18	Steel	Common						





#### No-Ox® Tin-Coated Marine Grade Wire -

#### For the most durable field wiring choose CAST No-Ox® Low Voltage Wire

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





#

#### Why Tin-Coated Marine-Grade Wire?

oner wire

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

- Tin protects the conductor in the harsh outdoor environment.
- 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 Listed.

2-Conductor 500 ft. put up	2-Conductor 250 ft. put up
#8-2 - CLW82500	#10-2 - CLW102250
#10-2 - CLW102500	#12-2 - CLW122250
#12-2 - CLW122500	
#14-2 - CLW142500 (grey)	
#16-2 - CLW162500	

### **CAST ACCESSORIES**

Use these options, tools, and accessories to complete your landscape lighting job.

#### **Mounting Options:-**





Large Talon Stake (CTSL1CB) (Bronze)



Standard Stake (CMS1CB) (Bronze)



Heavy Duty Mounting Stake (CHMS1CB)



Extension available up to 48".

Mounts not included.

#### **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



Set-In-Stake Transition Adaptor (XCBPTA2)



Floor Mount Stem Assembly (CMFSA)



Tree Light
Transition Adaptor
(XCBPTLTA)



Mounting Canopy (CFM1CBS)



Tree Light
Mounting Canopy
(XCBPTMC1)



Tree Light Mounting Hardware (CTREEH1)

\* 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 - please call with questions.

#### Tools:



S8 Voltage Testing Tool (CTESTS8)



MR-16 Voltage Testing Tool (CTESTMR16)



B-Bit Screwdrive (C4WAY)



Wire Spinner Dispenser (CSPIN)



deal Automatic Wire Stripper (CASTRIP1)

#### CAST ACCESSORIES



#### **Installation Parts:** —



Spider Splice® Box Assembly (CSS1)



Distributor Parts Kit (CPK1)

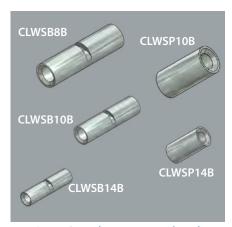


Contractor Parts Kit (CPK2)



Wire Repair Splice Kits (CLWSK)

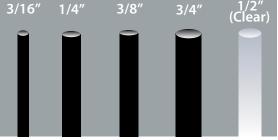
#### Crimp Connections and Heat Shrink: -



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

Wire Crimp Connections come in a variety of sizes and two different styles (Butt Splice Crimp & Parallel Crimp). You can make wire crimp connections for #18, #16, #14, #12, & #10

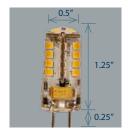
No-Ox° Wire. Available in bags of 250 pcs.



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

The new heat shrink comes in a variety of sizes (black 3/16", 1/4", 3/8", and 3/4" and NEW 1/2" clear in 2 ft. sections) at fantastic BULK pricing and packaging. Butt Crimp & Heat Shrink Sets are available.

### Mini LED Lamps:-



SLBP250L GY6.35 Bi-Pin Base LED; 2.5 Watts, 9 - 20 Volt operating range; 250 Lumen, Color Temp. 2750°K; IP67 Rated, 25,000 Hrs.



SLSCB250L Single Contact Bayonet LED; 2.5 Watts, 9 - 20 Volt operating range; 250 Lumen, Color Temp. 2750°K; IP67 Rated, 25,000 Hrs.



SL3156250L 3156 S8 Wedge Base LED; 2.5 Watts, 9 - 20 Volt operating range; 250 Lumen, Color Temp. 2750°K; IP67 Rated, 25,000 Hrs.



SL921T5200L 921 T5 Wedge Base LED; 2.5 Watts, 9 - 15 Volt; operating range; 200 Lumen, Color Temp. 2750°K; IP67 Rated, 25,000 Hrs.

<sup>\*</sup>See our Website for detailed contents of Parts Kits and Wire Repair Splice Kits

#### Color-Coded & Engraved for Easy Identification!

	-		Ava	mable in 2	2700K a	nd 3000	'N					
Lamp Code	Beam from Fixture		Halogen Equiv.	Lamp Body Color Code	Voltage Input	Color Temp. CCT/CRI	Amps	Power Factor	Volt Amp (to size	Factory	Lumen Output Enclosed Fixture	Rated Hrs.
SLMR166XXW27	XX-Wide	809		WHITE 6 Watt	10-24 VAC	2700°K/ 83 CRI 3000°K/ 83 CRI	0.706	0.717	8,49	720	213	50,000
SLMR166XW27	X-Wide	559					0.706	0.717	8.49		440	
SLMR166W27	Wide	400	1				0.706	0.717	8.49		527	
SLMR166M27	Medium	30º	75 Watt				0.706	0.717	8.49		575	
SLMR166N27	Narrow	209					0.706	0.717	8.49		559	
SLMR166XW30	X-Wide	55º					0.762	0.681	9.16		534	
SLMR166W30	Wide	40º					0.745	0.677	9.0		557	
Lamp Code	Beam from Fixture		Halogen Equiv.	Lamp Body Color Code	Voltage Input	Color Temp. CCT/CRI	Amps	Power Factor	Volt Amp (to size	Factory Lumen	Lumen Output Enclosed Fixture	Rated Hrs.
SLMR165XXW27	XX-Wide	80º		BLACK 5 Watt			0.542	0.7	6.56	540	175	50,000
SLMR165XW27	X-Wide	55º	1		10-24 VAC	2700°K/ 83 CRI 3000°K/ 83 CRI	0.542	0.7	6.56		392	
SLMR165W27	Wide	402					0.542	0.7	6.56		419	
SLMR165M27	Medium	30º	50 Watt				0.542	0.7	6.56		421	
SLMR165N27	Narrow	202					0.542	0.7	6.56		381	
SLMR165XW30	X-Wide	55º					0.671	0.658	7.45		426	
SLMR165W30	Wide	40º					0.608	0.658	7.34		456	
Lamp Code	Beam from Fixture		Halogen Equiv.	Color Code	Voltage Input	Color Temp. CCT/CRI	Amps	Power Factor	Volt Amp (to size	Factory Lumen	Lumen Output Enclosed Fixture	Rated Hrs.
SLMR164XXW27	XX-Wide	80º		BLUE 4 Watt	10-24 VAC	2700ºK/ 83 CRI	0.387	0.691	4.67	390	199	50,000
SLMR164XW27	X-Wide	55º					0.387	0.691	4.67		299	
SLMR164W27	Wide	402					0.387	0.691	4.67		304	
SLMR164M27	Medium	30⁰	35 Watt				0.387	0.691	4.67		305	
SLMR164N27	Narrow	209	-				0.387	0.691	4.67		267	
SLMR164XW30	X-Wide	55⁰				3000°K/ 83 CRI	0.435	0.637	6.0		310	
SLMR164W30	Wide	409					0.435	0.65	5.26		322	
Lamp Code	Beam from Fixture		Halogen Equiv.	Lamp Body Color Code	Voltage Input	Color Temp. CCT/CRI	Amps	Power Factor	Volt Amp (to size	Factory	Lumen Output Enclosed Fixture	Rated Hrs.
SLMR162XXW27	XX-Wide	80ā		GREEN 2 Watt	10-24 VAC		0.236	0.664	2.83	300	128	
SLMR162XW27	X-Wide	55⁰				2700ºK/ 83 CRI	0.236	0.664	2.83		183	
SLMR162W27	Wide	40º	20 Watt				0.236	0.664	2.83		189	
SLMR162M27	Medium	302					0.236	0.664	2.83		193	50,00
SLMR162N27	Narrow	20⁰					0.236	0.664	2.83		167	
SLMR162XW30	X-Wide	55º				3000°K/	0.249	0.64	3.0		197	
SLMR162W30	Wide	40º				83 CRI	0.23	0.66	3.0		196	
Lamp Code	Beam from Fixture		Halogen Equiv.	Lamp Body Color Code	Voltage Input	Color Temp. CCT/CRI	Amps	Power Factor	Volt Amp (to size	Factory	Lumen Output Enclosed Fixture	Rated Hrs.
SLMR161XXW27	XX-Wide	80º					0.139	0.63	1.69		74	
Stratter	1.7.5		10 Watt	RED	10-24	2700ºK/	- CONTRACTOR	2.56		2/0		E0.004
SLMR161XW27	X-Wide	559	10 Watt	RED T Watt	10-24 VAC	2700ºK/ 83 CRI	0.139	0.63	1.69	240	106	50,00

### CAST PATINA & TURTLE-SAFE

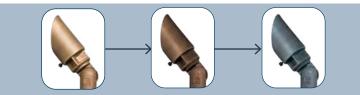




#### The Patina Process:

Bronze ages gracefully with nature, becoming more beautiful as the years go by, eventually developing the appearance of an old penny, blending with and enhancing any landscape.

Fixtures on coastal properties will develop a magnificent green patina over time. Using a spray mixture of water, ammonia, salt, and vinegar to apply it to the metal will pull the copper from the alloy and speed up the patina process. (NOTE: protect plant material from spray mixture.)



CAST bronze and copper fixtures start with a metalic 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 Sea Turtles 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









