BRADLEY LIGHTING

STELLA
LED PALM TREE LIGHTING

Signature at PGA West, La Quinta, California

FEATURES

The "Stella" LED Palm Tree Lighting products features an architectural round or square frame to conceal all light fixtures and wiring components while providing exceptional illumination on palm fronds and areas below the palm tree.

Eliminates clutter of exposed lighting fixtures hanging from palm trees.

- Brilliant, high lumen 11 watt LED fixtures
- 715 lumens each light fixture (65 lm / watt)
- CCT: 2700K, 3000K, 4000K & 585-595 nm narrow-band Amber
- Interchangeable optics, 10°, 30° and 60°
- Short or Long Bezel shield
- Max. candlepower: 11.2 CP (10°), 2.3 CP (30°) and .8 CP (60°)
- Cree High Output XP-G2 LED diodes
- Dimming: TRIAC / Phase Dimming (MLV / ELA)
- IP65 Lights / IP68/UL94-VO Connectors / UL Recognized Components
- High quality #5052-H32 Marine Alloy or #304 Marine Grade Stainless Steel
- Multiple frame sizes for all types of palm trees
- Permanent mounting brackets with easy field leveling capabilities
- "Will Not Hurt or Damage a Palm Tree" as documented by a Certified   Arborist
- 5 year limited warrantee

Available Options:

- RGBW lighting, DMX Controls, Constant Current Decoder
- Surge Protection, Weatherproof GFI Receptacle, Exterior Flood Light, HEX Louver
- LED Intensity is field adjustable with 4 settings: 100%, 75%, 50%, 25%

"The Stella offers a patent pending palm tree lighting solution that conceals lighting behind a round or square frame"
Ty Price, ALSA
Peridian International

"The Stella reduces light fixture clutter on palm trees during the day while providing intense and effective lighting at night"
Ronald Gregory, ASLA
RGA Landscape Architects

United States Patent

STELLA frames are built specifically for project trees. Refer to the frame sizing chart and make frame selections based on the tree diameters. Frames are permanently mounted to the tree using a unique adjustable mounting bracket.

STELLA palm tree Lighting are dimmable and can be connected with the project dimming system, TRIAC / Phase Dimming (MLV / ELV). RGBW lighting are furnished with constant current decoders for control with project furnished DMX Controllers. DMX Controllers are also available as an option by Bradley Lighting. Bradley Lighting will provide project planning and diagrams for RGBW projects as an option.
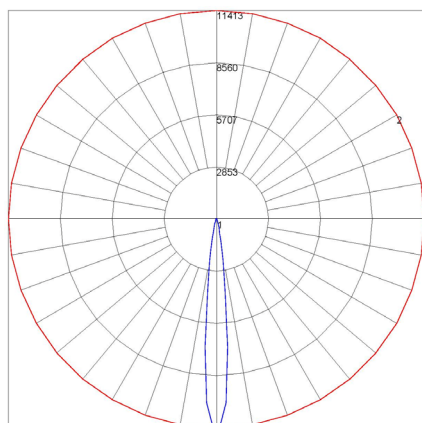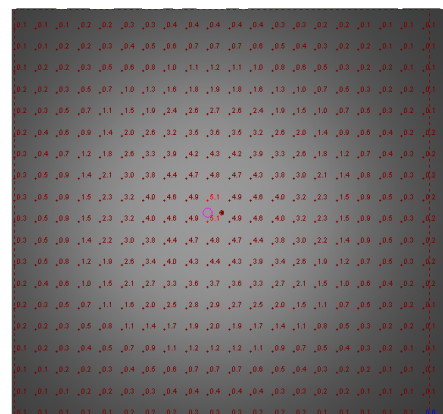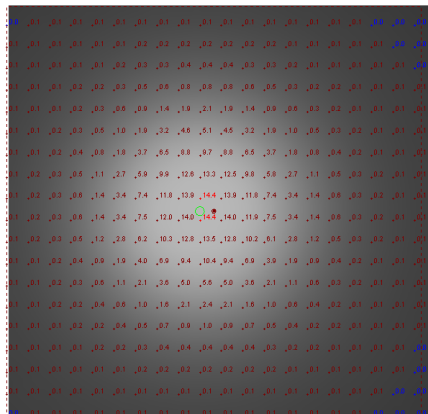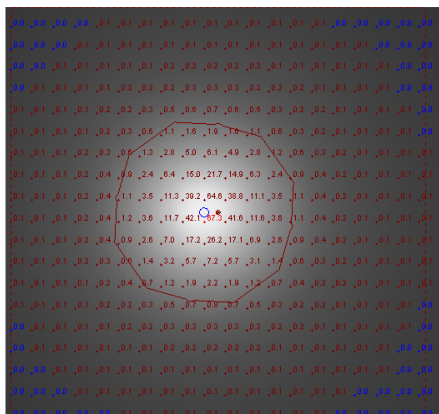

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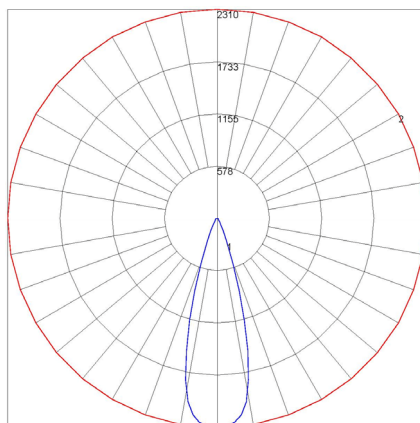
United States Patent

STELLA frames are available in square & round and are specifically constructed for each tree size. Refer to the specification sheet to select fixture configurations, optics, kelvin temperatures and options. Frames are designed to hold up to eight (8) LED lights with internally or remote transformers. In special conditions and external light can be specified to meet special lighting requirements.
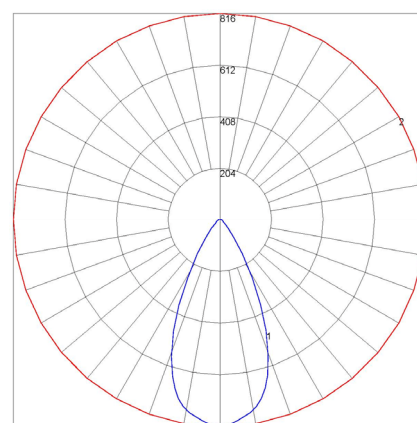
PHOTOMETRIC DATA

Optic Distribution: 10°
Maximum Candela: 11,413 cd

Optic Distribution: 30°
Maximum Candela: 2,310 cd

Optic Distribution: 60°
Maximum Candela: 800 cd

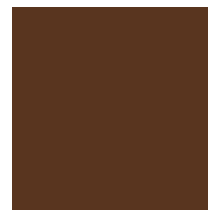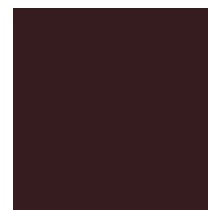AN AMERICAN COMPANY

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PRODUCT SPECIFICATION

STELLA FRAME	FRAME TYPE	NUMBER OF UP / DOWN LIGHTS	UP LIGHTING		DOWN LIGHTING		FRAME SIZE CODE	INPUT VOLTAGE / TRANSFORMER	FRAME COLOR	OPTIONS
			OPTICS	UP LIGHT COLOR	OPTICS	DOWN LIGHT COLOR				

Sample Specification: R-A-4/2-10-2700K-60-2700K-R4-2-DB-

R -	ROUND FRAME	A -	ALUMINUM FRAME	___ / ___	10 - 10°	2700K	10 - 10°	2700K	SELECT FRAME CODE FROM THE SIZING CHART	1	120/12V REMOTE TRANSFORMER	FB	RECEPTACLE	HEX LOUVER / LONG BEZEL
S -	SQUARE FRAME	SS -	STAINLESS STEEL FRAME	4 / 2	30 - 30°	3000K	30 - 30°	3000K		2	120/12V INTREGAL TRANSFORMER	DB	EXTERIOR FLOOD	LONG BEZEL
				3 / 3	60 - 60°	4000K	60 - 60°	4000K		3	TRANSFORMER BY OTHERS - REMOTE	DBH	SURGE PROTECTION	DESIGN OPTION
				3 / 2		OPTION RGBW		OPTION RGBW		4	OTHER VOLTAGE	LBH	DMX CONTROLLER	OTHER

STELLA FRAME SIZES

ROUND TREE FRAME CODES

ORDERING CODE	FRAME SIZE	TREE DIAMETER INCH (MM)
R22	* 22" * 559 mm	8" TO 10" 203 - 254 mm
R24	* 24" 610 mm	10" TO 12" 254 - 305 mm
R26	* 26" 660 mm	12" TO 14" 305 - 355 mm
R28	28" 711 mm	14" TO 16" 355 - 406 mm
R30	30" 702 mm	16" TO 18" 406 - 457 mm
R32	32" 813 mm	18" TO 20" 457 - 508 mm
R34	34" 864 mm	20" TO 22" 508 - 558 mm
R36	36" 914 mm	22" TO 24" 558 - 610 mm
R38	38" 965 mm	24" TO 26" 610 - 660 mm
R40	40" 1016 mm	26" TO 28" 660 - 711 mm
R42	42" 1067 mm	28" TO 30" 711 - 762 mm

SQUARE TREE FRAME CODES

ORDERING CODE	FRAME SIZE	TREE DIAMETER INCH (MM)
S21	** 21.5" ** 546 mm	12" TO 14" 305 - 355 mm
S23	** 23.5" ** 597 mm	14" TO 16" 355 - 406 mm
S25	25.5" 648 mm	16" TO 18" 406 - 457 mm
S27	27.5" 699 mm	18" TO 20" 457 - 508 mm
S29	29.5" 749 mm	20" TO 22" 508 - 558 mm
S31	31.5" 826 mm	22" TO 24" 558 - 610 mm
S33	33.5" 851 mm	24" TO 26" 610 - 660 mm
S35	35.5" 902 mm	26" TO 28" 660 - 711 mm
S37	37.5" 953 mm	28" TO 30" 711 - 762 mm
S39	39.5" 1003 mm	30" TO 32" 762 - 813 mm
S41	41.5" 1054 mm	32" TO 34" 813 - 864 mm

FRAME COLORS

FB—FAWN BROWN

DB—DARK BRONZE

DBH — BRONZE HAMMERTONE

LBH — BRONZE HAMMERTONE

<u>NOTES:</u>

1. * R22, R23 AND R26 REQUIRE REMOTE TRANSFORMER

2. ** S21 AND S23 REQUIRE REMOTE TRANSFORMER

3. FRAMES ARE FURNISHED WITH STAINLESS STEEL HARDWARE

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