

RGBW STELLA

RGBW PALM TREE LIGHTING



RGBW Palm Tree Lighting features an architectural round or square frame system designed to discreetly conceal all lighting fixtures, wiring, and components. This fully integrated design enhances the visual appeal of each installation while delivering exceptional, dynamic color-changing illumination to palm trees through a standard DMX lighting control system.

By incorporating all elements into a permanently mounted structure, Stella eliminates tree clutter and creates a clean, streamlined aesthetic. At the same time, it maintains high-performance RGBW output and ensures long-term reliability in demanding outdoor environments.

- *Brilliant, high lumen 14 watt LED fixtures*
- *120 to 24-volt DC 96-watt electronic constant voltage driver (4-lights)*
- *RGBW lighting fixture produces 970 lumens per fixture with 8-bit color depth*
- *Interchangeable optics, 10°, 30° and 60°*
- *RGBW lighting fixture (remote decoder)*
- *RGBW DMX/RDM fixtures with shared decoder or individual addressable*
- *Compatible with industry standard DMX (Digital Multiplex standard protocol Controllers)*
- *DMX Controllers manage up to 512 channels of lighting channels & dimming*
- *Cree High Output LED diodes with high output, 4 in 1 stage light quality RGBW diodes*
- *IP65 Lights / IP68 / UL94-VO Connectors*
- *High quality #5052-H32 Marine Alloy / Optional: #304 Marine Grade Stainless Steel*
- *Multiple frame sizes for various palm tree diameters, refer to the "Frame Size Chart"*
- *Permanent mounting system with easy field leveling capabilities*
- *"Will Not Hurt or Damage a Palm Tree" by a Certified Arborist*
- *5 year limited warrantee*
- *UL Listed complete Palm Tree Lighting Product*
- **Static CCT lighting fixtures are available... Refer to the static Stella cut sheet**



United States Patent

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PRODUCT SPECIFICATION											
SAMPLE SPECIFICATION: R-A-4/2-10-DMX/RDM-60-DMX/RDM-2-DBH- (NOTE ALL OPTIONS) (2)											
FRAME TYPE	FRAME TYPE	NUMBER OF UP / DOWN LIGHTS (1)	UP LIGHTING		DOWN LIGHTING		FRAME SIZE CODE	INPUT VOLTAGE / TRANSFORMER	FRAME COLOR	OPTIONS	
			OPTICS	UP LIGHT COLOR (CCT)	OPTICS	DOWN LIGHT COLOR (CCT)					
R - ROUND FRAME	A - MARINE GRADE ALLOY FRAME	___ / ___	10 - 10°	DMX / RDM INTEGRAL DECODER (5)	10 - 10°	RDM/DMX - INTEGRAL DECODER (5)	SELECT FRAME CODE FROM SIZING CHART	1 - 120/24V REMOTE TRANSFORMER	FB	GFIC - GFIC RECEPTACLE	EB - EXTERIOR BRACKET (7)
S - SQUARE FRAME			30 - 30°	RGBW - REMOTE DECODER (4)	30 - 30°	RGBW - REMOTE DECODER (4)		2 - 120/24V INTEGRAL TRANSFORMER	GB	HEX - HEX LOUVER	SS - OPTIONAL STAINLESS STEEL FRAME
			60 - 60°		60 - 60°				DB	EYE - EYE BOLTS (6)	DMX - OPTIONAL DMX CONTROLLER
									DBH		

PRODUCT SPECIFICATION NOTES

- UP TO 8 LIGHTS CAN BE INSTALLED ON R30 & S25 FRAMES AND LARGER
- STELLA LIGHTING FIXTURES ARE FURNISHED WITH ALL MOUNTING HARDWARE.
- STELLA LIGHTING FIXTURES ARE SHIPPED COMPLETELY ASSEMBLED WITH FIXTURES, CABLES, DRIVERS, ETC.
- STANDARD RGBW FIXTURE REQUIRES A REMOTE DRIVER
- RDM/DMX FURNISHED WITH INTERNAL DECODER
- EYE-BOLTS ARE INTENDED FOR FESTIVAL LIGHTING BY OTHERS.
- EXTERIOR BRACKETS ARE INTENDED FOR SPEAKERS, WI-FI DEVICES ETC.
- ADDITIONAL COLORS AVAILABLE. PROVIDE YOUR STANDARD COLOR CODES (RAL OR EQUAL)
- NON-STANDARD RAL COLORS WILL BE REVIEWED FOR ADDED COSTS

FRAME SIZING CHART

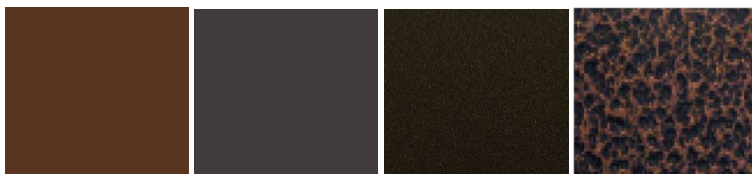
ROUND FRAME CODES			SQUARE FRAME CODES		
ORDERING CODE	FRAME SIZE DIAMETER	TREE DIAMETER INCH (MM)	ORDERING CODE	FRAME SIZE SQUARE	TREE DIAMETER INCH (MM)
R22	22" (559 mm)	8" TO 10" (203 - 254 mm)	S21	21.5" (546 mm)	12" TO 14" (305 - 355 mm)
R24	24" (610 mm)	10" TO 12" (254 - 305 mm)	S23	23.5" (597 mm)	14" TO 16" (355 - 406 mm)
R26	26" (660 mm)	12" TO 14" (305 - 355 mm)	S25	25.5" (648 mm)	16" TO 18" (406 - 457 mm)
R28	28" (711 mm)	14" TO 16" (355 - 406 mm)	S27	27.5" (699 mm)	18" TO 20" (457 - 508 mm)
R30	30" (762 mm)	16" TO 18" (406 - 457 mm)	S29	29.5" (749 mm)	20" TO 22" (508 - 558 mm)
R32	32" (813 mm)	18" TO 20" (457 - 508 mm)	S31	31.5" (826 mm)	22" TO 24" (558 - 610 mm)
R34	34" (864 mm)	20" TO 22" (508 - 558 mm)	S33	33.5" (851 mm)	24" TO 26" (610 - 660 mm)
R36	36" (914 mm)	22" TO 24" (558 - 610 mm)	S35	35.5" (902 mm)	26" TO 28" (660 - 711 mm)
R38	38" (965 mm)	24" TO 26" (610 - 660 mm)	S37	37.5" (953 mm)	28" TO 30" (711 - 762 mm)
R40	40" (1016 mm)	26" TO 28" (660 - 711 mm)	S39	39.5" (1003 mm)	30" TO 32" (762 - 813 mm)
R42	42" (1067 mm)	28" TO 30" (711 - 762 mm)	S41	41.5" (1054 mm)	32" TO 34" (813 - 864 mm)

PROVIDE TREE DIAMETER FOR LARGER ROUND OR SQUARE FRAMES

PRODUCT SETUP CHART

SETUP EXAMPLES	UP LIGHTS	DOWN LIGHTS
2 / 0	2	0
2 / 2	2	2
3 / 0	3	0
3 / 2	3	2
3 / 3	3	3
4 / 0	4	0
4 / 2	4	2
4 / 3	4	3
4 / 4	4	4

FRAME COLORS & NOTES



FB—FAWN BROWN
RAL 8007

GB—GRAY BROWN
RAL 8019

DB— DARK BRONZE
TEXTURE
T291-BR251

DBH—BRONZE-
COPPER
HAMMERTONE
T375-BK07



United States Patent