



amaran T2c Data Sheet

Main Features

- **20W Output RGBWW LED Tube Light**
- **25W Max Power Draw**
- **475+ lux @ 1 meter (5600K)**
- HSI Full Color Control
- Tunable CCT from **2,500K to 7,500K**
- Tunable Green-Magenta Adjustment (Plus/Minus Green)
- CRI: **95+**, TLCI: **98+**, CQS: **96+**
- SSI (Tungsten): **83+**, SSI (D56): **73+**
- **Unique & Friendly Mounting Solutions:** NATO Rail, 1/4-20in, 3/8-16in with Arri-Style Locating Pins
- **77Wh Swappable Battery Included**
- **Approx. 4hrs Run Time @ Max Output** with Battery Grip
- **Stepless Dimming from 0 to 100%**
- **Sidus Link App Control**
- **DMX Control** via USB-C to 5-Pin DMX512 In & Out Adapter Cable (Sold Separately)
- **46 Color Gel Presets**
- **15 Built-in Lighting FX:** Club Lights, Paparazzi, Lightning, TV, Candle, Fire, Strobe, Explosion, Faulty Bulb, Pulsing, Welding, Cop Car, Color Chase, Party Lights, Fireworks
- **Soft Carrying Case Included**
- **Silent Passive Cooling**
- **Operating Temperature:** -10°C ~ 40°C / -4°F ~ 113°F
- Compatible with amaran Tube Light Control Grid (Sold Separately)

Product Description

Introducing the all-new amaran T2c 2-foot full-color LED tube light! This innovative light features 20W of RGBWW output, resulting in over 475 lux at 1 meter (5600K), adjustable color temperature from 2500K to 7500K, green-magenta tunability, and creative color control for a range of looks and lighting effects. With a CRI of 95+, TLCI of 98+, and Sidus Link App compatibility the T2c is ideal for content creators, filmmakers, and photographers alike. Featuring a wide range of mounting options, including NATO rail, 1/4-20in threads, and 3/8-16in threads with Arri-Style locating pins, you will be able to mount the T2c with ease. And its included 77Wh swappable battery allows you to power your light anywhere without having to worry about outlets or additional cables.

Utilizing the latest in amaran full-color technology, the T2c can access 46 color gel presets and 15 different built-in lighting effects, each with layers of variable control, to provide creative solutions for any lighting scenario. Using the Sidus Link app, you can also utilize tools unique to the Aputure and amaran ecosystems, such as Source Match, Color Picker, and Custom FX. And unique to the latest additions to the amaran product line, you can control the T2c using DMX with a special USB-C to 5-Pin DMX512 In & Out adapter cable, adding professional-level control to your favorite tube light.

The T2c can be operated using the included AC Power Supply or included custom Battery Grip that securely locks into place on the end of the tube and provides up to 4 hours of continuous use at max output.

You can also attach a tool-less, collapsible 45° light control grid* to the tube to limit spill light and enhance their lighting design, or leave the tube bare with its over 180° aperture, giving you more coverage in your shot design.

The amaran T2c is a compact, lightweight, and portable tube light that is versatile enough for any project and is the perfect addition to your lighting kit.

*amaran Tube Light Control Grid Sold Separately

Target Audience

The amaran T2c is ideal for content creators, indie filmmakers, and photographers who need a 2-foot linear lighting solution with full-color control, battery-operability, and intuitive mounting options.

The optical and linear design of the T2c lights are perfect as in-camera practicals, wrapping soft lights, and accent lights for people or products. The RGBWW chipset of the T2c gives users full control over the output and can easily add a splash of color to their scene.

By using a removable, rechargeable battery, the T2c suits users who want to be able to quickly swap batteries on set and maintain the longevity & lightweight design of their light fixtures ever need to be replaced.

Aputure & amaran's ecosystem and Sidus Link App integration also make the amaran T2c perfect for users who prefer to adjust their lights remotely so they can spend more time behind or in front of their camera. With the Source Match, Color Picker, and Gel control functions, choosing the perfect color for the scene has never been easier.

A lot of intention went into the design of the mounting solutions for the amaran tube lights. With NATO rail compatible mounting running along the length of the light for flexible positioning, Arri-style locating pins for secure locking, and six of the ubiquitous 1/4-20in screw threads, users can intuitively rig these tube lights with their existing camera and grip accessories, removing the need to purchase proprietary tube clips or clamps.

What's In the Box

Name	Quantity
amaran T2c RGBWW Tube Light	1
amaran Tube Battery Grip	1
AC Power Supply	1
AC Power Cable	1
3/8-16in Eyebolt	1
amaran T2c Carrying Case	1

amaran T2c Photometrics

CCT	0.5m	1m	2m	3m
2500K	1,454 lux / 135 fc	421 lux / 39 fc	123 lux / 11.4 fc	69 lux / 6.4 fc
3200K	1,514 lux / 140 fc	443 lux / 41 fc	127 lux / 11.7 fc	70 lux / 6.5 fc
4300K	1,600 lux / 148 fc	468 lux / 43 fc	135 lux / 12.5 fc	73 lux / 6.7 fc
5600K	1,621 lux / 150 fc	475 lux / 44 fc	136 lux / 12.6 fc	75 lux / 6.9 fc
6500K	1,616 lux / 150 fc	467 lux / 43 fc	132 lux / 12.2 fc	73 lux / 6.7 fc
7500K	1,631 lux / 151 fc	479 lux / 44 fc	138 lux / 12.8 fc	77 lux / 7.1 fc

amaran T2c Specifications

CCT	2500K ~ 7500K	
CRI	≥95	
TLCI	≥98	
CQS	≥96	
TM-30 RF (Average)	94	
TM-30 RG (Average)	102	
SSI (Tungsten)	≥83	
SSI (D56)	≥73	
Color Chipset	Red, Green, Blue, Warm White, Cool White	
Beam Angle (Half-Peak)	35°	
Field Angle	≥180°	
Max Power Output	20W	
Max Power Consumption	25W	
Operating Current	1.05A	
Operating Voltage	AC Power Supply	24V
	D-Tap Battery	12 ~ 16.8V
	Battery Grip	12 ~ 16.8V, 24V
DC Input Connector	5.5 x 2.5mm DC Barrel Connector	
DC Power Cable	DC Barrel Cable (3m)	
AC Power Cable	IEC C13 AC Power Cable (4m)	
Operating Temperature	-10°C ~ 40°C / -4°F ~ 113°F	
Control Methods	On-board, Sidus Link App, DMX via USB-C to 5-Pin DMX512 In & Out Adapter Cable	
Connectivity	Bluetooth 5.0 (Sidus Mesh)	
Bluetooth Operating Range	≥80m / 262.5ft	
Firmware Upgradeable	Sidus Link OTA	
Display Type	OLED	
Cooling Method	Passive Cooling	
Mounting	End Caps	2x 3/8-16in Screw Thread
	Rear	NATO Rail, 6x 1/4-20in Thread, 3x 3/8-16in Thread with Arri-style Locating Pin
Estimated LED Lifetime (L70)	50,000 Hours	
Estimated Color Shift Over Lifetime (CCT)	2% over 6,000 Hours	
Certifications	CE, FCC, cTUVus, KC, NCC, ROHS	

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Battery Grip	Operating Voltage	Input	24V
		Ouput	12~16.8V, 24V
	Capacity (Wh)		77Wh
	Battery Run Time		Approx. 4hrs
	Charging Time		Approx. 3hrs (with T2c AC Adapter)
	Battery Lifetime		80% after 500 cycles
	Battery Type		Lithium Battery
Dimensions	Fixture	φ4.2 x 60cm / φ1.6 x 23.6in	
	Aperture	≥180°	
	AC Power Supply	116 x 49 x 34mm / 4.57 x 1.93 x 1.34in	
	Battery Grip	214 x 44 x 44mm / 8.43 x 1.73 x 1.73in	
	Carrying Case	10 x 8 x 65cm / 3.9 x 3.1 x 25.6in	
Weight	Fixture	0.5kg / 1.1lbs	
	AC Power Supply	0.3kg / 0.66lbs	
	Battery Grip	0.635kg / 1.4lbs	
	Total	2.34kg / 5.15lbs	

Sales & Shipping Information

Product Name	amaran T2c	
SKU	US Plug	APM0241A14
	UK Plug	APM0241A11
	EU Plug	APM0241A12
	AU Plug	APM0241A13
UPC	US Plug	6971842183555
	UK Plug	6971842183548
	EU Plug	6971842183531
	AU Plug	6971842183524
Packing Dimensions	68 x 13 x 12cm / 27 x 5 x 4.7in	
Net Weight	1.82kg / 4lbs	
Gross Weight	2.38kg / 5.2lbs	
Carton Qty	9pcs / Carton	
Carton Dimensions	69 x 38 x 34cm / 27 x 15 x 13.4in	
Carton Weight	22.6kg / 50lbs	