



amaran T4c Data Sheet

Main Features

- **40W Output RGBWW LED Tube Light**
- **50W Max Power Draw**
- **744+ 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): **84+**, SSI (D56): **73+**
- **Unique & Friendly Mounting Solutions:** NATO Rail, 1/4-20in, 3/8-16in with Arri-Style Locating Pins
- **77Wh Swappable Battery Grip Included**
- **Approx. 100min. 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)

What's In the Box

Name	Quantity
amaran T4c RGBWW Tube Light	1
amaran Tube Battery Grip	1
AC Power Supply	1
AC Power Cable	1
3/8-16in Eyebolt	1
amaran T4c Carrying Case	1

amaran T4c Photometrics

CCT	0.5m	1m	2m	3m
2500K	1,856 lux / 172 fc	676 lux / 62 fc	215 lux / 20 fc	108 lux / 10 fc
3200K	1,898 lux / 176 fc	690 lux / 64 fc	219 lux / 20 fc	110 lux / 10 fc
4300K	1,971 lux / 183 fc	715 lux / 66 fc	227 lux / 21 fc	114 lux / 11 fc
5600K	2,052 lux / 190 fc	744 lux / 69 fc	238 lux / 22 fc	119 lux / 11 fc
6500K	2,117 lux / 196 fc	768 lux / 71 fc	244 lux / 23 fc	122 lux / 11 fc
7500K	2,163 lux / 200 fc	785 lux / 72 fc	249 lux / 23 fc	125 lux / 12 fc



Product Description

Introducing the brand-new amaran T4c 4-foot full-color LED tube light! This feature-packed light is the perfect fit for all levels of content creators, filmmakers, and photographers. With its 40W RGBWW output that produces 744+ lux at 1 meter (5600K), full-color control, tunable CCT from 2,500K to 7,500K, and green-magenta adjustment, the T4c can be tailored to the needs of your production. It is designed with a variety of unique mounting solutions including NATO rail, 1/4-20in threading, 3/8-16in threading with Arri-style locating pins, and a 77Wh swappable battery pack for approximately 1.7 hours of runtime at max output, allowing you to both rig and power your light anywhere without worrying about additional cables or outlets. And with stellar CRI and TLCI scores of 95+ and 98+, stepless dimming from 0 to 100%, and Sidus Link App control, the T4c will always give you the quality of light you need.

Featuring the latest in amaran RGBWW technology, the T4c utilizes 46 color gel presets and 15 different lighting effects, each with layers of variable control, to inject creativity into lighting any scene. 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 newest fixtures in the amaran product line, you can control the T4c using DMX with a special USB-C to 5-Pin DMX512 In & Out adapter cable, adding professional-level control to your favorite tube light.

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

The amaran T4c is a powerful, lightweight, and versatile tube light that is the perfect addition to your lighting kit.

*amaran Tube Light Control Grid Sold Separately

Target Audience

The amaran T4c is ideal for content creators, indie filmmakers, and photographers who need a 4-foot linear lighting solution with full-color control, battery-operability, and intuitive mounting options.

The optical and linear design of the T4c lights are perfect as in-camera practicals, wrapping soft lights, and accent lights for people or products. The RGBWW chipset of the T4c 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 T4c suits users who want to be able to quickly swap batteries on set and maintain the longevity & lightweight design of their light fixtures if batteries ever need to be replaced.

Aputure & amaran's ecosystem and Sidus Link App integration also make the amaran T4c 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.

amaran T4c Specifications

CCT	2500K ~ 7500K	
CRI	≥95	
TLCI	≥98	
CQS	≥96	
TM-30 RF (Average)	94	
TM-30 RG (Average)	102	
SSI (Tungsten)	≥84	
SSI (D56)	≥73	
Color Chipset	Red, Green, Blue, Warm White, Cool White	
Beam Angle (Half-Peak)	35°	
Field Angle	≥180°	
Max Power Output	40W	
Max Power Consumption	50W	
Operating Current	2.1A	
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
		Output	12~16.8V, 24V
	Capacity (Wh)		77Wh
	Battery Run Time		Approx. 100min
	Charging Time		Approx. 2hrs (with T4c AC Adapter)
	Battery Lifetime		80% after 500 cycles
	Battery Type		Lithium Battery
Dimensions	Fixture	φ4.2 x 120cm / φ1.6 x 47.2in	
	Aperture	≥180°	
	AC Power Supply	120 x 52 x 32.5mm / 4.72 x 2.05 x 1.28in	
	Battery Grip	214 x 44 x 44mm / 8.43 x 1.73 x 1.73in	
	Carrying Case	10 x 12 x 125cm / 3.9 x 4.7 x 49.2in	
Weight	Fixture	0.95kg / 2lbs	
	AC Power Supply	0.3kg / 0.66lbs	
	Battery Grip	0.635kg / 1.4lbs	
	Total	3.04kg / 6.7lbs	

Sales & Shipping Information

Product Name	amaran T4c	
SKU	US Plug	APLO241A14
	UK Plug	APLO241A11
	EU Plug	APLO241A12
	AU Plug	APLO241A13
UPC	US Plug	6971842183814
	UK Plug	6971842183807
	EU Plug	6971842183791
	AU Plug	6971842183784
Packing Dimensions	127 x 12 x 11cm / 50 x 4.7 x 4.3in	
Net Weight	2.33kg / 5.1lbs	
Gross Weight	3.47kg / 7.6lbs	
Carton Qty	6pcs / Carton	
Carton Dimensions	129 x 25 x 31cm / 51 x 10 x 12in	
Carton Weight	22kg / 48.5lbs	