

Quadralite LED RGB QLTP Pixel

Pixel Tube Light series – three models: QLTP 28, QLTP 65 DMX, QLTP 125 DMX
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Product Series Overview

Quadralite LED RGB QLTP Pixel is an upgraded series of continuous LED tube lights, building on the proven QLT series. The key innovation is the ability to display more than one colour simultaneously along the full length of the tube – the Pixel effect enables dynamic full-colour patterns, gradients and animations on a single lamp. The series retains all the features of the QLT lamps, enhanced by this unique capability.

All three models offer full RGB colour coverage, a wide colour temperature range of 2800–8000 K, built-in batteries and control via the Quadralite mobile app (iOS/Android) or an LCD panel. The QLTP 65 DMX and QLTP 125 DMX models feature DMX connectors (mini XLR in/out) for professional applications. The series is fully compatible with the entire Quadralite light and panel system.

Model Comparison

Parameter	QLTP 28	QLTP 65 DMX	QLTP 125 DMX
EAN	5901698725099	5901698725105	5901698725112
Maximum power	6 W	18 W	36 W
Illuminance (1 m)	127 lx	368 lx	672 lx
Beam angle	120°	120°	120°
Battery	3.7 V / 2600 mAh	14.8 V / 2500 mAh	14.8 V / 5000 mAh
Battery life 100%	90 min	2 hours+	2 hours+
Battery life 50%	180 min	4 hours+	4 hours+
Charging	USB-C cable	Charger	Charger
DMX	No	Yes (mini XLR)	Yes (mini XLR)
Mounting	2 × magnet	Bracket (3/8")	Bracket (3/8")
Dimensions	38.3 × 260 mm	38.3 × 650 mm	38.3 × 1245 mm
Weight	260 g	650 g	1170 g

Common specifications – all models:

Colour temperature	2800–8000 K
Colour accuracy (CRI)	96
Colour accuracy (TLCI)	99
Brightness control	0–100%
Operating modes	CCT, HSI, GEL, EFX
Pixel multi-colour effect	Yes
Wireless range	Over 10 m

Master/Slave mode	Yes (up to 99 lamps, 99 groups)
Mobile app	Yes (iOS/Android)
Display	LCD
Tube diameter	38.3 mm
Tripod mount	1/4" thread
Warranty	2 years

Pixel Effect – More Than One Colour at a Time

The defining feature that sets the QLTP Pixel series apart from its QLT predecessor is the ability to display different colours simultaneously along the length of the tube. This enables dynamic colour transitions, patterns, gradients and animated effects on a single lamp – opening up entirely new creative possibilities unavailable with standard LED tubes.

The high CRI of 96 and TLCI of 99 ensure accurate colour reproduction, while the 2800–8000 K colour temperature range and full RGB spectrum provide complete control over the character of the light.

DMX and Professional Applications

The QLTP 65 DMX and QLTP 125 DMX models feature mini XLR connectors (DMX in and out), enabling connection to Digital Multiplex Signal systems. This makes them suitable for professional film productions, theatre, stage and event applications with advanced lighting control – synchronisation with music, control from a DMX console and complex lighting scene programming.

The QLTP 28 is designed for lighter applications – charged via USB-C and equipped with two magnets for attachment, it is ideal for mobile productions, vlogs and as creative supplementary lighting.

App Control and Master/Slave Mode

The lamps can be controlled via the built-in LCD panel or remotely through the Quadralite mobile app (iOS/Android) with a range of over 10 m. The app offers colour temperature control, HSI, 48 colour filters and effect modes with extended personal settings.

Master/Slave mode enables simultaneous control of up to 99 lamps across 99 groups. Full compatibility with the Quadralite system allows complex setups combining QLTP Pixel tubes with QLT tubes, T6, SmartStick, Thea panels and other models.

Mobility and Ease of Use

All models feature built-in batteries for long runtime in the field. The QLTP 28 charges via USB-C, while the QLTP 65 DMX and QLTP 125 DMX charge via the included chargers. The QLTP 65 and QLTP 125 models include brackets with 3/8" mounts and magnets for flexible positioning in any space.

The slimmer 38.3 mm diameter is smaller than the QLT series (41 mm), giving the Pixel tubes an even more refined appearance. All models can be mounted on a tripod via the 1/4" thread.

Creative Versatility

The QLTP Pixel tubes excel across a wide range of applications – from portrait and product photography to video productions and vlogs, through to professional film, theatre and events. The Pixel effect opens entirely new visual possibilities: dynamic colour gradients, animated patterns and lighting effects impossible to achieve with standard tubes.

Combining tubes in sets and pairing them with other Quadralite lights offers unlimited creative possibilities. The lamps are also very popular with vloggers and content creators thanks to their ease of use and striking appearance in frame.

Key Features of the Series

Pixel effect – multiple colours simultaneously – dynamic gradients and animations along the full length of a single tube.

Three sizes – QLTP 28 (260 mm), QLTP 65 DMX (650 mm), QLTP 125 DMX (1245 mm).

Full RGB spectrum + colour temp 2800–8000 K – any colour without gel filters.

High colour accuracy (CRI 96 | TLCI 99) – accurate colour reproduction for photography and video.

DMX (models 65 and 125) – mini XLR in/out for professional productions and events.

LCD display – easy parameter control directly on the lamp.

Quadralite mobile app (iOS/Android) – remote control and 48 colour filters.

Master/Slave (up to 99 lamps, 99 groups) – synchronised control of the entire setup.

Full compatibility with Quadralite system – works with QLT, T6, SmartStick, Thea and more.

Built-in batteries – mobile use without mains power.

Magnetic mounts and 3/8" brackets – flexible attachment in any space.

What's in the Box

QLTP Pixel 28

- Quadralite LED RGB QLTP Pixel 28 tube light
- USB-C cable
- 2 × magnet
- Carry bag
- User manual

QLTP Pixel 65 DMX

- Quadralite LED RGB QLTP Pixel 65 DMX tube light
- Charger
- Magnetic bracket (3/8")
- Carry bag
- User manual

QLTP Pixel 125 DMX

- Quadralite LED RGB QLTP Pixel 125 DMX tube light
- Charger
- Magnetic bracket (3/8")
- Carry bag
- User manual