

PIXEL TUBE

datasheet



Suitable Controllers



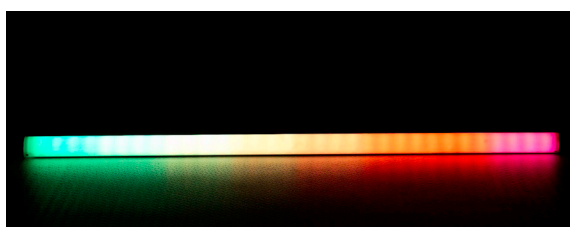
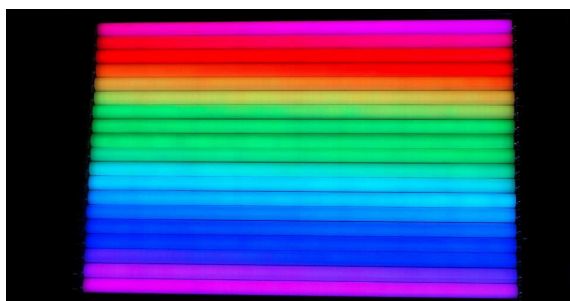
16W LED Power	300m Range	50,000 Hours	180° Beam Angle
IR Controllable	Splash Proof	Flicker Free	16 Pixels
RF Controllable	W-DMX Controllable	Mixed Cell Battery	8-24 Hours of Operation
CE Approved	RGBW LEDs	Rail For Attaching to Surfaces	1 Year Guarantee

Wireless Pixel Tube

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The wireless Pixel Tube is a revolutionary lighting tube which can operate for over 8 hours without cables or wires. From an Astera remote controller, the Pixel Tube can be easily managed and separated into multiple pixels or synchronised with other Astera lights or lighting objects.

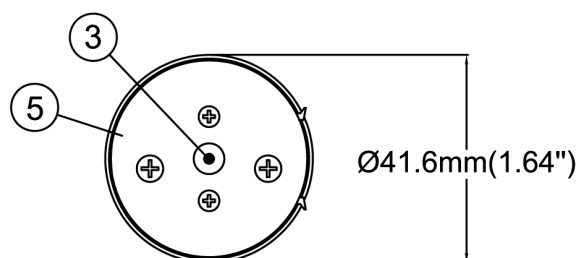
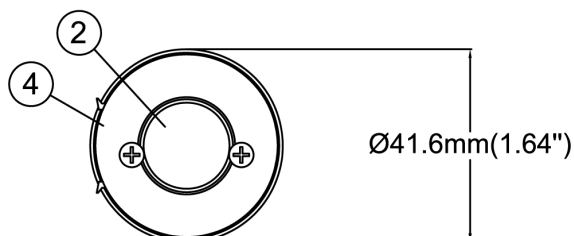
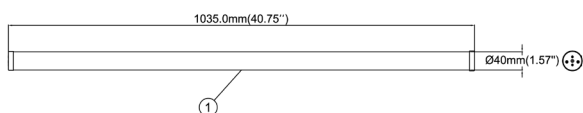
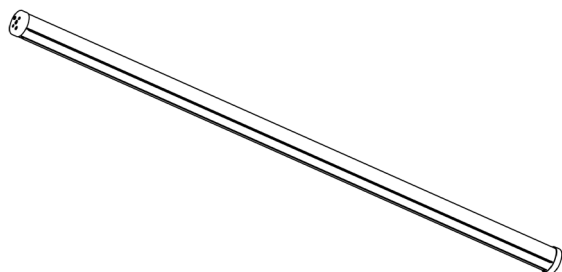
The Pixel Tube is designed to be inserted into design objects, like semi-transparent bars, tables, tiles and tubes etc. For large scale illumination, several Pixel Tubes can be programmed together to display complex lighting structures and create stunning ambient lighting.



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Wireless Pixel Tube



No.	
1	40mm PC tube
2	Button
3	Charging connector
4	Cover-Top
5	Cover-Bottom

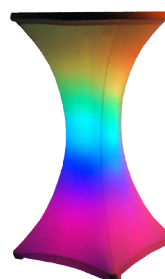
Technical Specification

The Wireless Pixel Tube is packed with 64 RGB LED chips and 64 white LED chips totalling 16W total LED power.

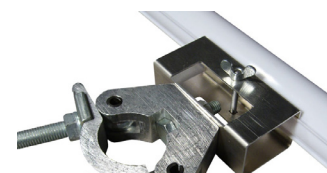
Illuminants:	64 RGB + 64 White LED chips
Light Output:	55.626 lm on Red 133.55 lm on Green 29.846 lm on Blue 273.61 lm on Cold White
Beam Angle:	180°
Pixels:	16
Battery:	Built-in LiNiMnCo mixed cell battery 3.7V, 3Ah
Operation:	8-24 hours
LED Lifetime:	50,000 hours
Working Voltage:	Input 110-240V, 50/60Hz
Wireless Module:	868MHz receiver (US: 902-928MHz)
Range:	300m / 330yds
DMX Capable:	Wireless DMX with Astera Wireless DMX Transmitter (ART3)
Housing:	Polycarbonate with metal end caps
Weight:	1.000kg
Dimensions:	Ø41.6mm x H1035mm
Environment:	Indoor / Outdoor (splash-proof)
Extras:	Gamma correction, temperature compensation, color calibration
Included Accessory:	48V, 0.5A Power Supply unit
Optional Accessory:	Metal holder-rail for hanging and screwing to walls/ceilings

Additional Pixel Tube Accessories

Charging Case
Rail Holder
Truss Clamp
Jumbo Bars
Stretch Table



Stretch Table



Truss Clamp