

Vaya Tube, White & Mono (Ethernet & DMX)

Vaya Tube is a reliable and cost effective direct view linear LED lighting fixture designed for dynamic lighting effects. Vaya Tube is ideal for exterior accent and contour lighting applications, as well as low-resolution graphics with a resolution of up to 150mm (6in) per pixel. Up to 24m (80ft) of fixtures can be connected per Control Module. Ethernet and DMX-512 control options make the product easy to use with Philips Color Kinetics or third-party DMX controllers.



Key Features

- Uniform band of light in 180° viewing angle
- Slim profile & light weight
- 150mm / 6inch pixel resolution: 8pixels/1.2m (4ft)
- Up to 20 fixtures (1.2m/4ft) in two runs
- KiNet & DMX-512 control
- 3-Year Warranty

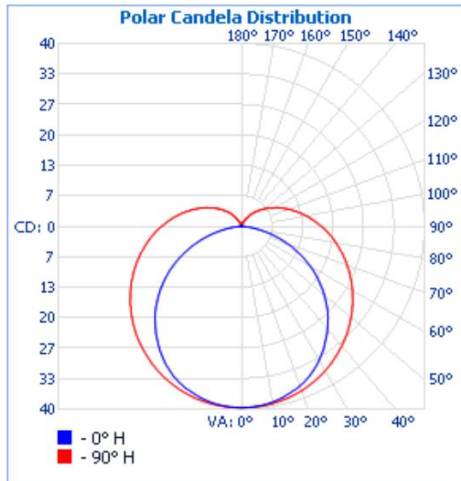
Product Data

Width	47 mm (1.8in), including mounting bracket	
Height	66 mm (2.4in), including mounting bracket	
Length	300 mm (1 ft)	1200 mm (4 ft)
Mounting	Front-serviceable surface mount brackets	
Source	White or Mono Color (Red / Green / Blue / Amber)	
Viewing Angle	180°	
2700K Flux & Intensity	178 lm / 40 cd	750 lm / 170 cd
5000K Flux & Intensity	215 lm / 48 cd	900 lm / 200 cd
Resolution	Configurable, up to 150 mm (6in) per individually controllable pixel	
Lumen Maintenance	50,000 hrs L ₅₀ at 25°C	
Lens	Translucent Cover Lens	
Housing	UV-stabilized polycarbonate, dark grey finish (RAL7043)	
Weight	<0.5 kg (1lbs)	< 1.0kg (2 lbs)
Connection	Combined power & data input and output connectors	
Control	Ethernet & DMX-512 control	
Input Voltage	24V DC	
Power Consumption	3 W (White)	12 W (White)
Run-Length per Controller	2x 40 fixtures / per port	2x 10 fixtures / per port
Temperature Range	-20°C to 40°C (-4°F ~104°F) start-up temperature -40°C to 40°C (-40°F ~104°F) operating temperature	
Protection Rating	IP66, Wet location listed, IK10	
Certifications	UL / cUL, FCC Class A, CE, CB, CQC, SAA, C-Tick	
Warranty	3 Years	

Photometrics (Per IESNA LM-79):

Vaya Tube 2700K, 0.3m (1ft)

Polar Candela Distribution



Illuminance at a Distance

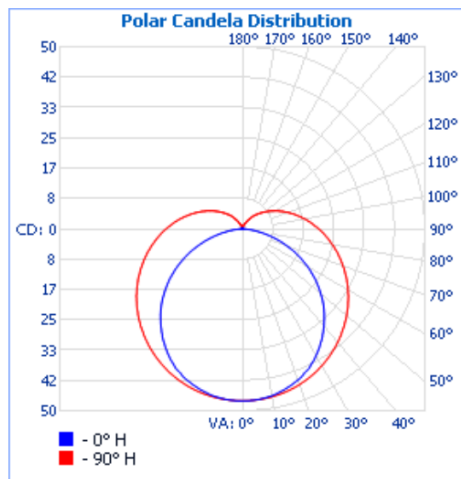
	Center Beam LUX	Beam Width	
1.33M	22.3 LUX	4.02 M	22.76 M
2.67M	5.57 LUX	8.05 M	45.57 M
4.00M	2.48 LUX	12.07 M	68.32 M
5.33M	1.39 LUX	16.10 M	91.13 M
6.67M	0.89 LUX	20.12 M	113.89 M
8.00M	0.62 LUX	24.15 M	136.70 M

■ Vert. Spread: 112.9°
■ Horiz. Spread: 166.6°

Im = 3.28ft

Vaya Tube 5000K, 0.3m (1ft)

Polar Candela Distribution



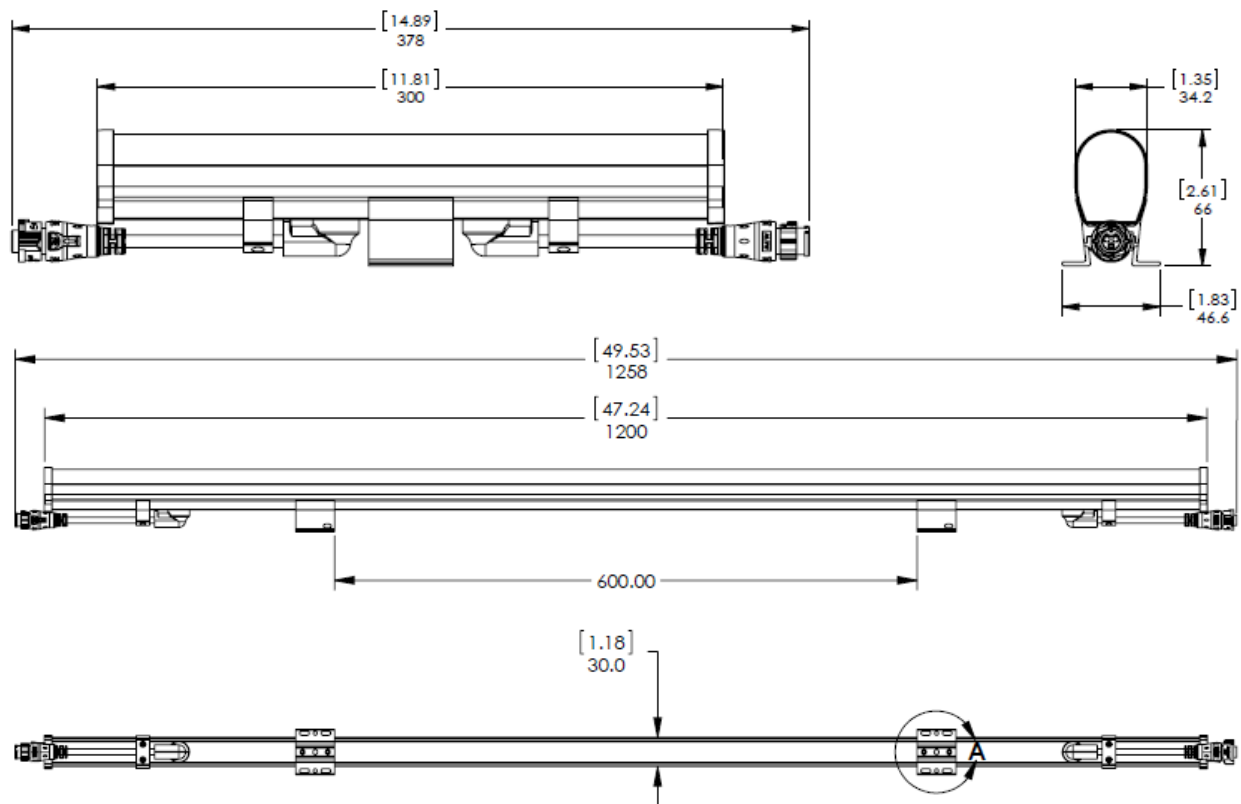
Illuminance at a Distance

	Center Beam LUX	Beam Width	
1.33M	26.6 LUX	3.95 M	23.10 M
2.67M	6.65 LUX	7.92 M	46.26 M
4.00M	2.96 LUX	11.87 M	69.36 M
5.33M	1.66 LUX	15.84 M	92.52 M
6.67M	1.06 LUX	19.79 M	115.62 M
8.00M	0.74 LUX	23.76 M	138.78 M

■ Vert. Spread: 112.1°
■ Horiz. Spread: 166.8°

Im = 3.28ft

Dimensions:



Maximum Run-Lengths per Control Module (2-ports)*

Wattage	Leader Cable Length	0.3m (1ft)	1.2m (4ft)
320W	1.5m (5ft)	2x 40pcs	2x 10pcs
	15m (50ft)	2x 40pcs	2x 10pcs

* Maximum connected lengths assume adjacent placement of fixtures. For other configurations, please download the latest version of the Vaya Configuration Calculator from our website: <http://www.colorkinetics.com/vaya/>

Recommended Power Supplies:

Wattage	Input Voltage	Philips I2 NC	Item Number	Certification
320W	100-277V	912400130539	309-000014-01	UL/cUL, CE, PSE
		912400133656	309-000014-03	CCC
		912400133660	309-000014-07	RCM

Vaya Tube Ordering Codes:

Product	Length	Control	Philips I2NC	Item Number
2700K	0.3m (1ft)	Ethernet & DMX	912400130514	350-000014-12
2700K	1.2m (4ft)	Ethernet & DMX	912400130515	350-000014-13
5000K	0.3m (1ft)	Ethernet & DMX	912400130516	350-000014-14
5000K	1.2m (4ft)	Ethernet & DMX	912400130517	350-000014-15

¹ Custom options include 3000K, 4000K, Red, Green, Blue, Amber color options

Vaya Tube (Ethernet & DMX) Cables:

Product	Length	Control	Philips I2NC	Item Number
Leader-Jumper Cable	0.3m (1ft)	Ethernet & DMX	912400134183	308-000014-09
Leader-Jumper Cable	1.5m (5ft)	Ethernet & DMX	912400133651	308-000014-04
Leader-Jumper Cable	15m (50ft)	Ethernet & DMX	912400133652	308-000014-05

Vaya Tube System Accessories:

Product	Input Voltage	Control	Philips I2NC	Item Number
Control Module	24V DC	Ethernet & DMX	912400130537	320-000014-01



Custom Options:

Product	Length	Control	Philips I2NC	Item Number
3000K	0.3m (1ft)	Ethernet & DMX	912400130506	350-000014-04
3000K	1.2m (4ft)	Ethernet & DMX	912400130507	350-000014-05
4000K	0.3m (1ft)	Ethernet & DMX	912400130508	350-000014-06
4000K	1.2m (4ft)	Ethernet & DMX	912400130509	350-000014-07
Red	0.3m (1ft)	Ethernet & DMX	912400130526	325-000014-08
Red	1.2m (4ft)	Ethernet & DMX	912400130527	325-000014-09
Green	0.3m (1ft)	Ethernet & DMX	912400130528	325-000014-10
Green	1.2m (4ft)	Ethernet & DMX	912400130529	325-000014-11
Blue	0.3m (1ft)	Ethernet & DMX	912400130530	325-000014-12
Blue	1.2m (4ft)	Ethernet & DMX	912400130531	325-000014-13
Amber	0.3m (1ft)	Ethernet & DMX	912400130532	325-000014-14
Amber	1.2m (4ft)	Ethernet & DMX	912400130533	325-000014-15

