COLOR**KINETICS**
vayaseries

Highlight and excite

Vaya Tube

Vaya Tube is an exciting creative tool that engages audiences, changes perceptions, and helps you achieve *your* artistic vision.

Photography: 2018 Halkin Mason Photography LLC

Highlight and Excite

Draw the line with Vaya Tube direct-view LED lighting

Vaya Tube brings new beauty and life to buildings, bridges, and more by adding continuous lines of light that glow, change, display effects—and get attention. Mounted directly on the surface of these structures, our popular linear direct-view luminaires provide a simple-to-install, lightweight option for building owners and managers who want to differentiate their properties. And Vaya Tube gives lighting designers and architects an exciting creative tool that helps them change perceptions, engage an audience, and achieve their artistic vision.

Photography: Anna Fairbank

Vaya brings high-quality, affordable exterior and interior LED lighting solutions to customers and sites throughout the world. Our full family of popular luminaires includes a wide range of choices, from direct-view lighting to traditional flood lighting and grazing. No matter what Vaya luminaire you choose, you get great lighting and proven reliability. All at a price that fits your budget.

Vaya Tube inspires creativity
Vaya Tube is already outlining, highlighting, and transforming a wide range of structures around the world—from small retail stores to office towers, landmark bridges to high-speed railway lines. It's also being used in fascinating interior applications. Economical and reliable, Vaya Tube delivers much more than accent lighting.

It inspires, captivates, and fascinates. And it expands the realm of what lighting can do, using light in fascinating new ways—the kind that only advanced direct-view luminaires can turn into reality.

Create a screen of light lines that project effects, images, and messages. Make landmarks come alive at night with color and motion. Highlight unique architectural details. Refurbish a traditional building so it really pops and stands out from its surroundings. Attract customers and crowds. Create an ever-changing array of effects that shift with the time of day, seasons, holidays, and more. Add a fascinating visual element to a retail store, casino, hotel, restaurant, residence, or other interior space.

With Vaya Tube, the possibilities are limitless.

What makes Vaya Tube so popular?

Lighting professionals draw from their creativity to envision inventive designs that use light in fascinating new ways. Smart design and meticulous manufacturing let Vaya Tube make these visions a reality. And its rock–solid reliability ensures great results, year after year. Here are just some of the strengths that make Vaya Tube the right choice for a wide range of projects.

Slim profile and light weight

One of the biggest advantages of Vaya Tube is its streamlined profile and reduced weight, achieved via careful design decisions. The result? It's easy to integrate Vaya Tube into the façade cladding elements of a wide range of buildings, as well as bridges and other structures, and interior spaces.

Like all Vaya luminaires, Vaya Tube is designed to deliver the capabilities you need, in a cost-effective, reliable LED lighting solution.

High brightness

Vaya Tube provides bright light that ensures high visibility even at a distance. **Vaya Tube, White and Mono** delivers flux and on-axis intensity of up to 900 lm/200 cd, while **Vaya Tube, RGB** provides up 300 lm/68 cd.

Wide viewing angle

Vaya Tube's 165° translucent lens provides a continuous, uniform band of light—the kind of flawless light that gets attention for all the right reasons.

Individual node control

Though Vaya Tube is linear, it allows you to control individual nodes, giving you the flexibility to create large-scale media or graphical content—even low-resolution video.

Long run lengths

To maximize run lengths, Vaya Tube enables you to cover up to 80 ft (24 m) using both ports on the control module.

Reliability

We put our luminaires through rigorous testing that goes far beyond that performed with comparable luminaires. We perform extensive corrosion and vibration testing, as well as testing under punishing conditions—from high winds to ice/ freezing rain. This independent testing lets Vaya Tube achieve a level of reliability far beyond entry-level luminaires, which can require frequent replacement. We stand behind our Vaya Tube luminaires with a generous warranty.

Easy installation

Vaya Tube luminaires connect with snap-lock connectors that create a watertight connection with a simple push—making installation easier and faster. All while reducing the risk of water damage.

Control options

Choose Ethernet or DMX control options, including third-party controllers, enabling you to get the best performance and precision control.

Complete solution

Vaya Tube integrates seamlessly with other Vaya luminaires in the same installation, as well as with third-party systems.

Proven success

Vaya Tube is a proven solution with a significant installed base of trouble-free implementations and satisfied customers around the world.

Global reach

Vaya can bring exceptional (and cost-effective) lighting solutions to large-scale implementations, such as a chain of retail stores, maintaining brand consistency between sites and across borders.

A clear vision of the future

Vaya is driven by, and responsive to, the evolving needs of the marketplace, continuously adding new capabilities and innovations to Vaya Tube and the rest of our extensive portfolio of lighting solutions.

Bright and lightweight, easy to install and reliable for years—Vaya Tube is the right choice for a diverse range of projects, buildings, structures, and other sites. And behind all Vaya Tube's many strengths and technological advance, the impact of Vaya Tube is simple. Innovative lighting makes your building, landmark, or urban area more visible, vibrant, and alive.

Photography: John Gollings:

Explore the Vaya Tube Family

Adding Vaya Tube luminaires to an exterior or interior space is an important decision, one that requires considering the future as well as more short-term considerations. After all, direct-view luminaires become an important part of your building—hidden by day, highly visible at night. So you want to make sure you choose the right luminaire, both in form factor and the type of light (white, mono color, dynamic color) that best meets your needs now, and in the future. That's why Vaya Tube offers you options that let you select the luminaire that's right for you.

Designed to excel in many applications

Vaya Tube is ideal for the wide range of structures that you'll find in most urban areas—office buildings and towers, residential buildings, retail establishments, hotels, bridges, casinos, and more. Vaya Tube helps non-descript buildings stand out in the landscape. Its linear form factor makes it the right choice for buildings with defined edges and cladding that can accommodate luminaires. Direct-view linear lighting is also a great choice for glass façade structures that can't accommodate traditional lighting solutions (flood, wall washing/grazing, spotlighting) that would spread light inside the building. Instead, Vaya Tube projects light out from the building.

Considering Vaya Tube direct-view lighting?

Start by asking yourself some questions. Do you want white light only? If so, do you want crisp, cool light that conveys a more modern feeling, or warmer light that feels more comforting and familiar? Is there one color that you want associated with your building, or many? Do you want to be able to create dynamic color effects? Do you want to create a low-resolution screen for images, messages, and more? The answers to these questions and more will direct you to the right member of the Vaya Tube family, which includes Vaya Tube, White and Mono, and Vaya Tube, RGB.

The good news? The Vaya Tube family is remarkably simple, retaining many of the same strengths and specifications, while offering different options for white light (with varying color temperatures), mono color, and dynamic color.

Photography: Timothy Burgess

Vaya Tube, RGB
Maximum color that delivers impact and control

How to use direct-view lighting is a subjective decision based on the specific demands of a lighting project, the personal preferences of the lighting designer and client—as well as the visual aesthetic of the surrounding area. For example, if you need to match the color scheme or branding of a retail store, then the full color capabilities of Vaya Tube, RGB ensure color consistency—for one store or hundreds, no matter where they're located. Or if you want to get the most impact from a graphic effect or video, a broad range of colors can make it happen.

For these applications and many more, Vaya Tube, RGB delivers exceptional brightness, impactful color, precision control, and reliability.

Vaya Tube, White & Mono
Bright, controlled light that meets wide-ranging needs

In many installations, the lighting demands are well-defined. You may want white light of a specific temperature to create a desired ambiance. Or you may simply want one color that defines a building, structure, or interior space. In short, flexibility may not be a priority. For these situations and many more, Vaya Tube, White and Mono gives you the direct-view light you need, without additional capabilities that you don't. For example, Vaya Tube White and Mono can be used without the Vaya Control Module for accent effects controlled by a simple on/off switch. However, these luminaires can also be used with the Vaya Control Module if you want to dim the luminaires, control the on-off synchronization, or use dynamic effects.

With Vaya, you can choose white light of 2700 K (warm) 3000 K, 4000 K or 5000 K (cool). Or you can choose mono color options of red, green, blue, or amber. No matter what option you choose, you get simple installation and year-after-year reliability.

	RGB	White/Mono
Output	RGB	2700 K, 3000 K, 4000 K, or 5000 K Red, Green, Blue or Amber
Lumens per foot	72	180 to 215
Beam angle	165°	165°
Environment	IP66 Dry/Damp/Wet Location, IK09	IP66 Dry/Damp/Wet Location, IK09
Housing material	Extruded polycarbonate, dark grey	Extruded polycarbonate, dark grey
Lens	Translucent plastic	Translucent plastic

A closer look at
Vaya Tube

RGB, White, or Mono.
Choose the light that's right for your application.

165° Viewing Angle.
Carefully calibrated viewing angle ensures high visibility, even from a distance.

Protective Venting.
All Vaya Tube luminaires include a special vent that protects the LEDs by keeping out damaging humidity and moisture. These vents excel at equalizing pressure when fixtures heat up in cool surrounding temperatures.

Translucent End Caps.
Our specially designed translucent end caps let light traverse across adjacent luminaires, minimizing any distracting shadow gap effects.
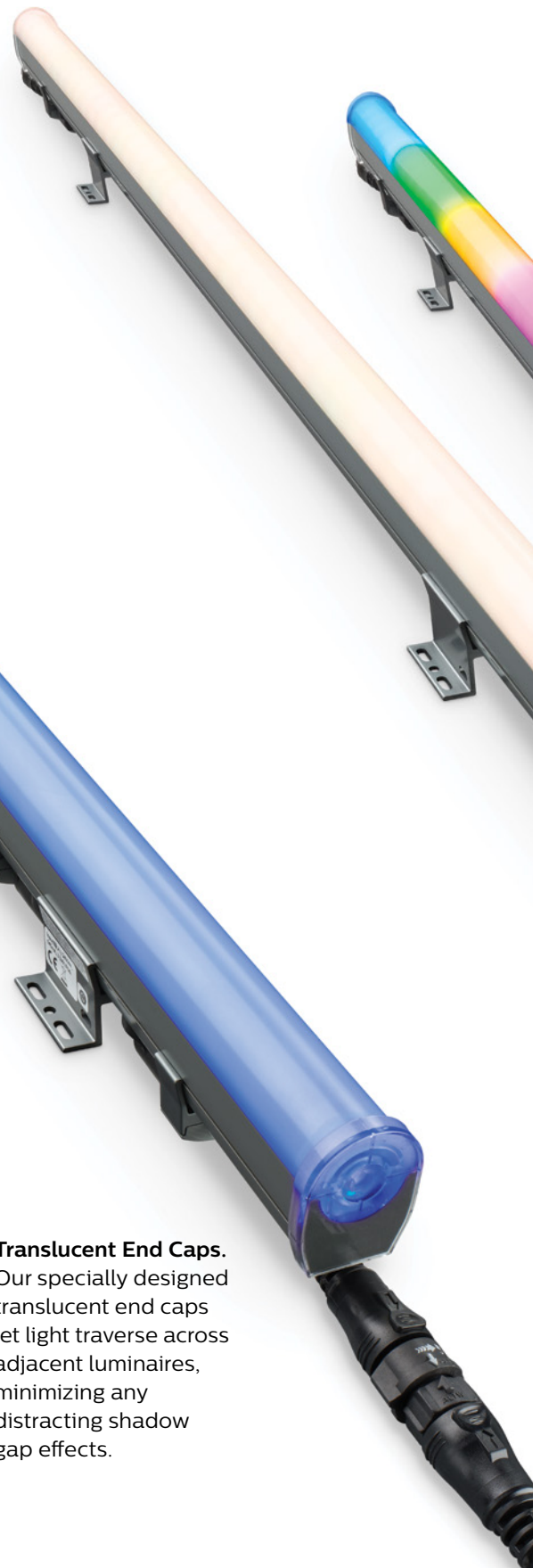
Individual Node Control.
With Vaya Tube, you can control individual notes to 150 mm (6 in), enabling you to create low-resolution effects. Low resolution doesn't mean low impact—these effects can be very impressive. For example, consider a colorful effect on the crown of a tall building. Viewing it from a distance (e.g., the sidewalk) will render the space between nodes almost invisible, creating a smooth effect.

Bright, Uniform Light.
Careful LED selection keeps Vaya Tube luminaires bright and visible, while the frosted lens diffuses light to achieve uniformity.

Co-extrusion Design.
Vaya Tube is manufactured using a special co-extrusion process, so there's no gap between the lens and the base, protecting the interior of the luminaire by eliminating gluing, the risk of thermal expansion, and other vulnerabilities.

Jumper Cables.
Choose how close you want your Vaya Tube luminaires to be with flexible jumper cables.

Compact and Light.
We designed Vaya Tube to be easy to install on a wide range of buildings and structures. Plus, its light weight minimizes loading to a structure, making it better suited for retrofits or upgrades than heavier luminaires.

Cable Clamp.
A simple but effective cable clamp ensures that luminaires stay connected, no matter what—even when the connector is jostled or pulled.

Snap-lock Connectors.
One gentle push makes a watertight connection between luminaires, simplifying installation and ensuring reliable operation.

Vaya Tube **Showcase**

Example 1   University of Nebraska, Pacific Parking Garage – Omaha, Nebraska

Parking garages aren't known for their beauty. But this 1,400–square–foot garage combines functionality with a bold aesthetic. Vaya Tube RGB luminaires provide a dynamic outline of color–changing light. University personnel can illuminate the garage with the school color, a vibrant red or change to subtle white light. The innovative lighting highlights the unique architecture of the garage—while increasing campus safety.

Photography: Brad Williams

Product	Details
Vaya Tube, RGB	Luminaires are positioned in 3 to 4 story high vertical stripes highlighting the parking garage exterior.

Example 2 MPavilion - Melbourne, Australia

Each year, an outstanding architect designs a pavilion for the Queen Victoria Gardens, in the center of Melbourne's Southbank Arts Precinct. This pavilion serves as an innovative civic space, a cultural laboratory, and a place for diverse people to meet, learn, and engage with ideas and designs. For the 2017 MPavilion—designed by Netherlands–based architects Rem Koolhaas and David Gianotten of OMA—Vaya Tube, RGB luminaires delivered a grid of dynamic color light that set the mood for a wide range of cultural events, talks, performances, workshops, installations, and gatherings.

Photography: John Gollings

Product	Details
Vaya Tube, RGB	Luminaires are aligned in the ceiling grid of this outdoor space.

Vaya Tube **Showcase**

Example 3   85 Broad Street, NYC, NY

The design for 85 Broad Street uses digital media, relief maps and bold lighting installations to update a traditional office property into one suited to a tech-savvy workforce. To update this 17th-century landmark, innovative designers ESI Design added a curved corridor through the lobby that replicates the route of a colonial-era street. Vaya Tube luminaires brighten and enliven the exterior entryway.

Photography: 2018 Halkin Mason Photography LLC

Product	Details
Vaya Tube, White	Luminaires are used as sculptural elements througout.

Example 4 University Of Melbourne Arts West

Glowing bars of light—created by Vaya Tube, RGB luminaires—hover above a multi-purpose teaching theater, delivering dynamic light that inspires creativity. The flexibility of Vaya Tube luminaires lets the school adjust the overhead lighting from a more traditional white to brilliant color, adjusting the ambiance to suit the current use of the space.

Photography: Anna Fairbank

Product	Details
Vaya Tube, RGB	Luminaires are positioned in a hexagonal pattern floating above this presentation theater.

Vaya Tube Specifications

			Lumens per foot	Efficacy lm/w	CRI	Power per foot
Vaya Tube, RGB		0.3 m (1 ft)	72	—	—	3.5 W
		1.2 ft (4 ft)	303	—	—	14 W
Vaya Tube, White	2700 K	0.3 m (1 ft)	180	59	83	3 W
		1.2 ft (4 ft)	719	59	83	12 W
	3000 K	0.3 m (1 ft)	190	62.3	81	3 W
		1.2 ft (4 ft)	760	62.3	81	12 W
	4000 K	0.3 m (1 ft)	202	65.6	84	3 W
		1.2 ft (4 ft)	809	65.6	84	12 W
	5000 K	0.3 m (1 ft)	215	70.4	83	3 W
		1.2 ft (4 ft)	862	70.4	83	12 W

General Information

Viewing Angle	165°
Input Voltage	24 VDC
Housing Material	Extruded polycarbonate, dark grey
Lens	Translucent plastic
Mechanical Impact	IK09
Approbations	UL/cUL, FCC Class A, CE, CQC, RCM
Environment	Dry/Damp/Wet Location, IP66

	0.3 m (1 ft)	**1.2m (4 ft)**
Weight	360 g (0.8 lb)	780 g (1.7 lb)
Vaya Tube dimensions		
Including mounting hinge	66 x 300 x 47 mm	66 x 1200 x 47 mm
	(3 x 11.8 x 1.83 in)	(3 x 47.2 x 1.83 in)
Excluding mounting hinge	66 x 300 x 34 mm	66 x 1200 x 34 mm
	(3 x 11.8 x 1.35 in)	(3 x 47.2 x 1.35 in)

Dimensions

Vaya Tube .3 m (1 ft)

300 mm (11.81 in) · 34.2 mm (1.35 in) · 66 mm (2.61 in) · 378 mm (14.89 in) · 46.6 mm (1.83 in)

Vaya Tube 1.2 m (4 ft)

1200 mm (47.24 in) · 34.2 mm (1.35 in) · 66 mm (2.61 in) · 1258 mm (49.53 in) · 46.6 mm (1.83 in)
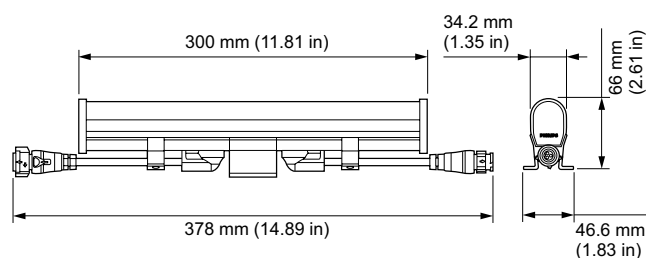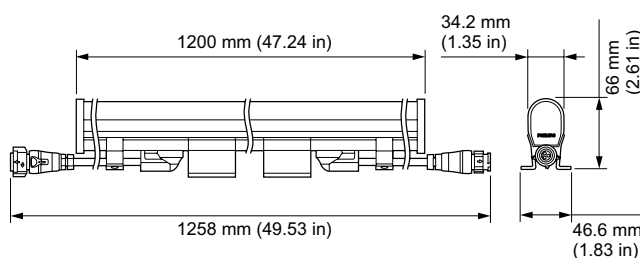
Accessories

A wide range of accessory options lets you customize Vaya Tube.

Vaya Tube	Item Number	Signify 12NC
Vaya Control Module, Ethernet & DMX, 24V, IP66, 2-Port	320-000014-01	912400130537
Vaya Tube Leader-Jumper Cable, 15 m (50 ft), UL, CE, CQC	308-000014-05	912400133652
Vaya Tube Leader-Jumper Cable, 1.5 m (5 ft), UL, CE, CQC	308-000014-04	912400133651
Vaya Tube Leader-Jumper Cable, 0.3 m (1 ft), UL, CE, CQC	308-000014-09	912400134183
Vaya Tube Power Leader Cable, 15 m (50 ft), UL, CE, CQC for static on-off applications only	308-000014-07	912400133654
Vaya Tube Power Leader Cable, 1.5 m (5 ft), UL, CE, CQC for static on-off applications only	308-000014-06	912400133653
Power Supplies		
Power Supply, 320 W 24V, 100 to 277 V, IP67, UL/CE/PSE	309-000014-01	912400130539
Power Supply, 320 W 24 V, 100 to 277 V, IP67, CCC	309-000014-03	912400133656
Power Supply, 320 W 24 V, 100 to 277 V, IP67, RCM	309-000014-07	912400133660
Power Supply, 150 W 24V, 100 to 277V, IP67, UL, CE, PSE for static on-off applications only	309-000014-00	912400130538
Power Supply, 150 W 24V, 100 to 277 V, IP67, RCM for static on-off applications only	309-000014-06	912400133659
Power Supply 150 W 24 V, 100 to 277 V, IP67, CCC for static on-off applications only	309-000014-02	912400133655
Replacement Parts		
Spare Part, X-Lock Terminator, 1PC	320-000014-02	912400134540

Configuration and planning

Regardless of the size and complexity of your installation, the planning time you spend up front can help streamline the installation and configuration of your luminaires. Keep these points in mind as you plan your installation:

Want to display video on your structure?
You may be a lighting designer who wants to tap the power of video, a municipality that wants to turn a landmark into an icon, or a building owner/manager who wants to draw attention to your office tower, stadium, casino, or other structure. Before you dive into video, there are some initial questions you need to ask yourself, key elements you'll need to create a complete solution, and some specific technical considerations that you need to address by reading Color Kinetics Video Guideline.

Configuration Calculator
Use Vaya Configuration Calculator to determine how many luminaires you can install in a single run based on input voltage, fixture, circuit breaker and leader & jumper cable lengths.

For further information

Complete details of every family, including part numbers, installation instructions, specification sheets, .ies files, and product drawings, can be found on the respective product pages.

Vaya Tube, RGB

Vaya Tube, White & Mono

COLOR**KINETICS**
vaya series