

Graze

Illuminate the defining details

Graze



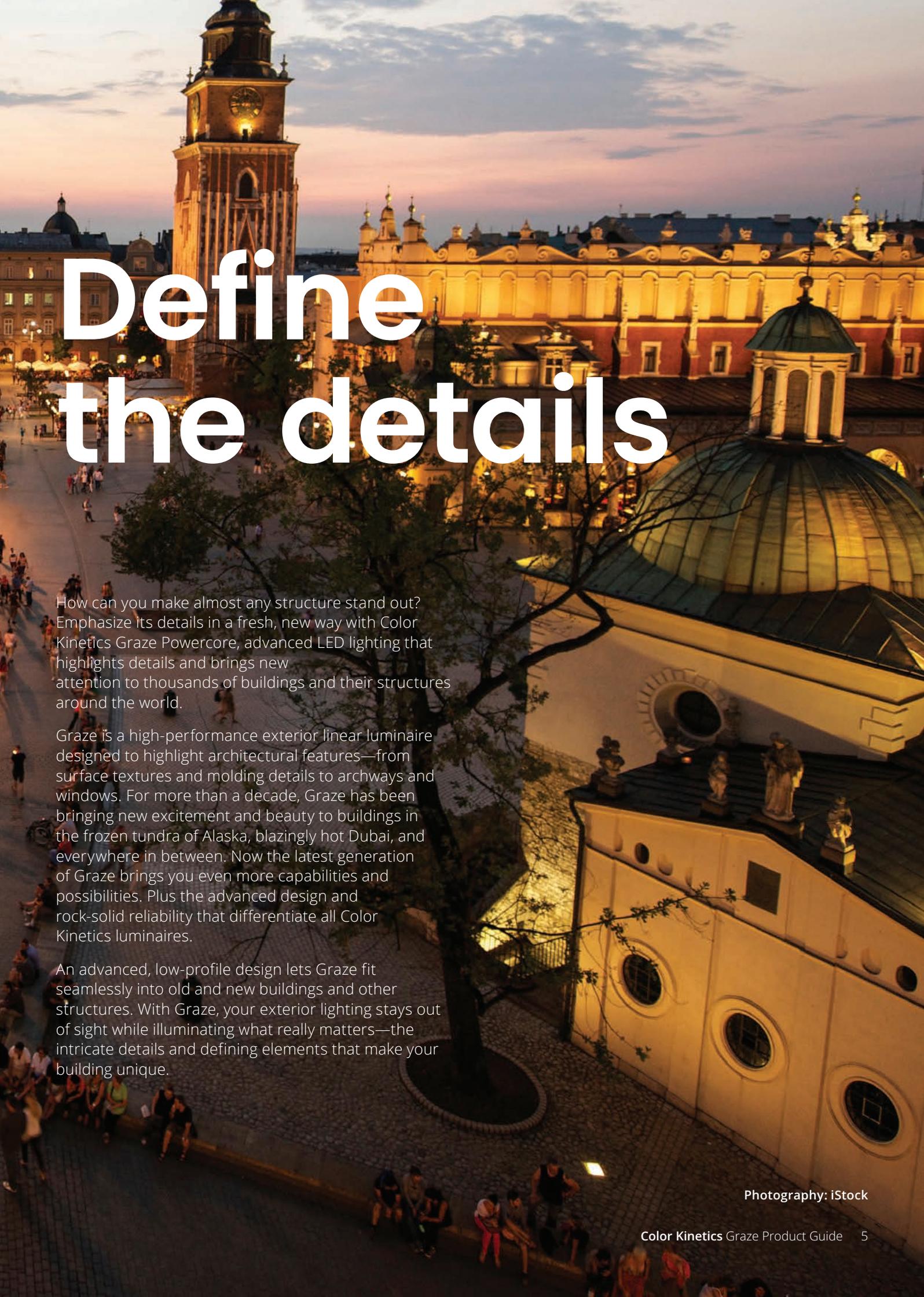
Capture the personality of a structure by highlighting its defining details—from surface textures and moldings to archways and windows.



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Define the details

How can you make almost any structure stand out? Emphasize its details in a fresh, new way with Color Kinetics Graze Powercore, advanced LED lighting that highlights details and brings new attention to thousands of buildings and their structures around the world.

Graze is a high-performance exterior linear luminaire designed to highlight architectural features—from surface textures and molding details to archways and windows. For more than a decade, Graze has been bringing new excitement and beauty to buildings in the frozen tundra of Alaska, blazingly hot Dubai, and everywhere in between. Now the latest generation of Graze brings you even more capabilities and possibilities. Plus the advanced design and rock-solid reliability that differentiate all Color Kinetics luminaires.

An advanced, low-profile design lets Graze fit seamlessly into old and new buildings and other structures. With Graze, your exterior lighting stays out of sight while illuminating what really matters—the intricate details and defining elements that make your building unique.

Photography: iStock

What makes Graze different?

Go the distance with exceptional lines of light

Photography: Redshift Photography and Architainment Lighting

Although the name of the luminaire is Graze, wall grazing is only one of the many ways to integrate Graze in an installation. The linear shape makes it a perfect luminaire to use when long surfaces need to be evenly lit.

Graze luminaires can be installed parallel to a wall, allowing consistent color and brightness over a long run, alleviating hot spots and scalloping. Wall grazing is achieved by installing Graze luminaires close to a wall to emphasize textures, while moving Graze luminaires further away from the same wall can produce a washing effect, evenly illuminating surfaces.

Graze is also a great choice for direct view, pathway lighting, arch and window lighting, outdoor cove, and ambient lighting applications.

Graze works well when paired with other Color Kinetics luminaires, especially as a fill-in light for areas other luminaires are unable to hit. What Graze does best, regardless of the lighting application, is highlight and differentiate the various segments and unique areas of any exterior architectural structure. Graze is the right luminaire to use when you want to show off intricate textural designs on a building that are not always evident at a casual glance. Graze luminaires use light to magnify and highlight the little details that give any building its identity.

Our advanced technologies raise the bar

Color Kinetics is setting new standards for consistency and accuracy by developing advanced technologies that are integrated into our luminaires, including our Flex family. These technologies work together to deliver ever-escalating levels of quality, performance, and accuracy required for your most innovative and ambitious projects.

Optibin

Our LED optimization technology begins the color consistency process by grouping (or binning) LEDs by flux as well as center wavelength. This proprietary binning optimization process uses an advanced bin selection formula that exceeds industry standards for chromaticity. The result? Higher uniformity and consistency of hue and color temperature for all our luminaires. *Integrated into all Graze luminaires.*

IntelliHue

Our advanced approach to color mixing produces high-quality white light, subtle pastels, and fully saturated colors in the same precisely controllable luminaire. All with unrivaled color accuracy across the entire range of color temperatures.

Available on Graze IntelliHue luminaires.

Chromasync

Our advanced output optimization technology controls and boosts output while ensuring color consistency. When enabled, Chromasync ensures excellent color consistency between luminaires, without manually adjusting color points on each luminaire. And it ensures the same lumen output across all color temperatures.

Integrated into all Graze luminaires.

Powercore

Our patented approach to power output proves that simple is better. As well as faster, more efficient, and accurate. Powercore controls power output to luminaires directly from line voltage. It merges line voltage with control data and delivers both over a single standard cable—dramatically simplifying installation and lowering total system cost.

Integrated into all Graze luminaires.

A Wide Range of Choices

Graze Powercore comes in seven different light options, and can be fitted with an array of accessories specifically designed for the luminaire family. So there are many options to choose from when selecting the ideal Graze for the job.

When it comes to color, the seven available light output options all offer unique qualities that can be utilized in different ways, depending on the requirements of your installation. IntelliHue is perfect for dialing in precise and consistent colors across multiple luminaires, while Essential White is the definitive choice for high quality white light. With so many options, the choice is yours.

IntelliHue

High-quality white light, subtle pastels, and saturated colors, all with unrivaled color accuracy across the entire range of color temperatures.

RGBW

Better-quality white light as compared to RGB.

RGBA

Expanded color range of warmer tones—gold, yellow, and orange, as compared to RGB.

RGB

Standard option for intensely saturated color light.

iW (IntelliWhite)

Tunable white light in a range of color temperatures from 2700 K to 6500 K.

eW (Essential White)

White light in one of four color temperatures—2700 K, 3000 K, 3500 K, or 4000 K.

eColor (Essential Color)

Intensely saturated red, green, blue, or amber light for accent and other special applications.

Find the luminaire that's right for your project

The Graze family of luminaires is impressively large, with more than 700 products. With so many choices it's easy to find the right luminaire for your project.

Graze means choice

Graze MX—Premium

Features the most light output and the most light color options in the Graze line. Perfect for high-intensity multi-story façade and surface illumination. Includes Graze IntelliHue, MX and MX4 (RGBA, RGBW).

Graze QLX—Performance

Perfect for multi-story grazing and surface illumination applications calling for a balance of cost and performance.

Graze Compact

Ultra-low profile, is half the size of Graze, discretely fits into almost any layout.

	Product Families		
	Graze		Graze Compact
	MX	QLX	
Light Output Options			
IntelliHue	●		●
RGBW	●		●
RGBA	●		●
RGB	●	●	
iW (Intelligent White)	●	●	
eW (Essential White)	●	●	
eColor (Essential Color)	●	●	
Beam Angles			
9° x 9°	●	●	
10° x 60°	●	●	●
15° x 30°	●	●	
30° x 60°	●	●	●
60° x 30°	●	●	
60° x 60			●
100° x 100			●
Lengths			
305 mm (1 ft)	●	●	●
610 mm (2 ft)	●	●	●
914 mm (3 ft)	●	●	●
1219 mm (4 ft)	●	●	●

Graze & Graze Compact

To meet the needs of a broad range of lighting projects, we have expanded our premier family of linear LED lighting solutions to include both Graze and Graze Compact.

Graze Powercore, our high-performance exterior linear luminaire, has been bringing excitement and beauty to buildings for more than a decade. Offering the widest range of light output, light color options, and beam angles, Graze is the perfect choice for your project.

Graze Compact is the smallest exterior linear grazing luminaire on the market. So it can fit in almost anywhere. Like all Graze luminaires, Graze Compact is designed to highlight architectural features—from surface textures and molding details to archways and windows. But its streamlined design lets it blend seamlessly into the background. So you see the light, not the lighting.

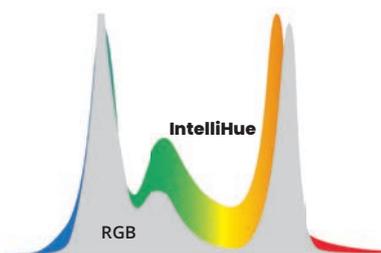
ColorGraze IntelliHue Powercore

For white light that you can tune and tint—plus dynamic color light all in one luminaire



MX

IntelliHue brings high output and high CRI



ColorGraze IntelliHue Powercore delivers exceptional white light, as well as rich, saturated, color light and color-changing effects—all in the same precisely controllable luminaire. Breakthrough IntelliHue technology from Color Kinetics enables ColorGraze IntelliHue to produce millions of saturated colors and pastels, as well as tintable, tunable white light. It's a combination that works well when you need a luminaire that can do it all, and give you greater control over your white light. IntelliHue achieves higher CRI—greater than 80 CRI—compared to RGBA and RGBW luminaires, ensuring high-quality white and color light.

As lighting professionals know, all white light is not the same. Different tints and color temperatures can make a significant difference. Simply put, ColorGraze IntelliHue delivers the highest quality white light in the Graze family. Plus great color and dynamic color light.

IntelliHue luminaires expand the possible output wavelengths significantly— especially when compared with traditional RGB output. And no matter what wavelength you choose, IntelliHue delivers high illuminance.

Explore the Graze family

ColorGraze Powercore

RGBW, RGBA, RGB—choose the Graze luminaire that meets your needs



MX



MX QLX

iW Graze Powercore

Adjustable white light from warm 2700 K to cool 6500 K



MX QLX

ColorGraze lets you choose the right 4-channel solution for your application— including IntelliHue, RGBA, or RGBW. If you need a traditional three-channel option, we offer RGB options too, of course.

ColorGraze MX4 Powercore, RGBW luminaires add a separate white LED that creates better-quality whites than possible with traditional RGB. Choose it when you need quality white light and color in the same luminaire, including pastels and saturated reds.

ColorGraze MX4 Powercore, RGBA luminaires add a separate amber LED that expands the available range of colors to include warmer tones, such as rich gold, yellows, and oranges.

ColorGraze Powercore, RGB Not all applications require four-color luminaires. That’s why we offer Intelligent Color luminaires—the standard RGB option for intensely saturated light.

ColorGraze Powercore gives you all of the strengths and advanced technology of Graze in a traditional RGB solution. Available in MX and QLX.

Graze Intelligent White luminaires offer channels of cool, neutral, and warm white LEDs to offer color temperatures ranging from 2700 K to 6500 K. Multiple luminaire lengths, beam angles, output levels, and power consumption levels support a large range of façade or surface illumination applications.

eW Graze and eColor Graze Powercore

High-intensity white and color luminaires give you even more options



MX QLX



MX QLX

Some applications only require white in a specific CCT or single color graze lighting. That's why the Graze family includes Essential White (eW) and Essential Color (eColor) options.

Choose **eW Graze Powercore** when you want intensely saturated white light in four color temperatures.

And **eColor Graze Powercore** provides high-intensity solid red, green, blue, and amber light for grazing or other special applications.

No matter what Graze luminaire you choose, you get the flexibility of selecting an option that matches your specific needs—plus the confidence that comes from choosing a high-performance luminaire with a proven track record of reliability.

Take a closer look

Rugged use

Graze luminaires achieve their exceptional reliability with an extruded, anodized aluminium body (IP66-rated) and a UV-protected polycarbonate lens.

2 output options

MX (Premium)
QLX (Performance)

Available in 4 lengths

Fit anywhere, no matter the dimensions.
305 mm (1 ft)
610 mm (2 ft)
914 mm (3 ft)
1219 mm (4 ft)



Push-and-click

Waterproof connectors

Adjustable hinge mounting location

Loosen set screw with a 2.5 mm hex and position to the left or right.



Versatile mounting hinge

Multiple mounting points provide versatile options.

Swing radius

- 68°—92 mm (3.62 in)
- 110°—85 mm (3.35 in)
- 115°—100 mm (3.937 in)



Robust range of accessories are available

Glare shields, inground enclosures, masking shields, mounting arms, symmetric louvers.

A wide variety of beam angles

See how adjusting the setback distance closer adds emphasis, highlight, and drama—while placing the luminaires further back can deliver smoother, more even illumination.

This example shows our flexible ColorGraze MX4 (RGBW) Powercore luminaires with a 10° x 60° beam angle, not rotated.



Use a 10° x 60° beam angle set 0.5 m (1.6 ft) back from the wall to add drama and emphasis to an installation.



For more even illumination, use a 1 m (3.2 ft) setback.

9° x 9° beam angle

Recommended distance

Up to 20 m (65 ft) or more

Features

With its sharp beam edge, the 9° x 9° beam angle delivers excellent light control and enables you to use a pixel effect on a façade.

10 m
(33 ft)



5 m
(16.4 ft)



0 0.3 m (1 ft) setback

10 m
(33 ft)



5 m
(16.4 ft)



0 0.5 m (1.6 ft) setback

10° x 60° beam angle

Recommended distance

Up to 15 m (49 ft)

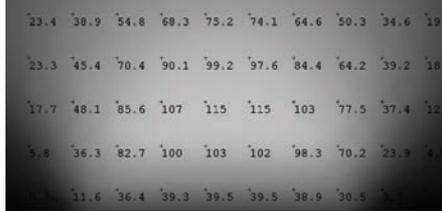
Features

This popular beam angle features great near-field color mixing and exceptional horizontal spread, so you'll need fewer luminaires per run.

10 m
(33 ft)



5 m
(16.4 ft)



0 0.3 m (1 ft) setback

10 m
(33 ft)



5 m
(16.4 ft)



0 0.5 m (1.6 ft) setback

15° x 30° beam angle

Recommended distance

5 to 10 m (15 to 33 ft)

Features

The 15° x 30° beam angle features a 6 m (20 ft) band of light that can bring new attention and emphasis to architectural features and details. It offers more contrast and better near-field color mixing than the 9° x 9° beam angle.

10 m
(33 ft)



5 m
(16.4 ft)



0 0.3 m (1 ft) setback

10 m
(33 ft)



5 m
(16.4 ft)



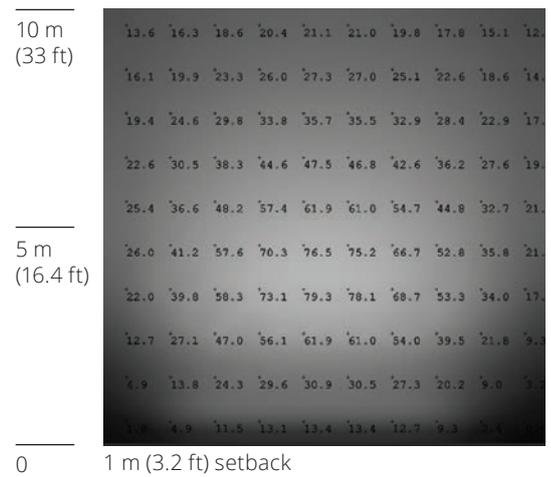
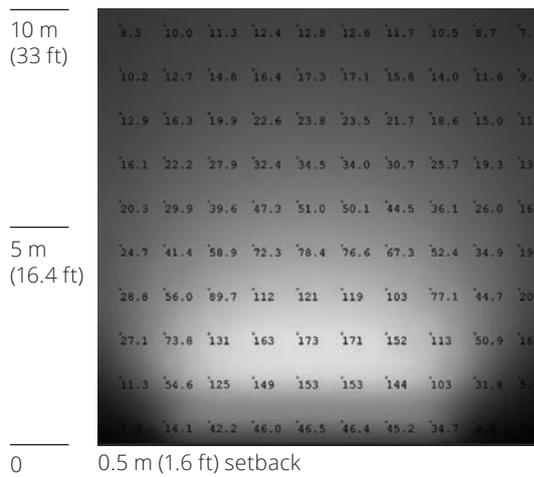
0 0.5 m (1.6 ft) setback

30° x 60° beam angle

Recommended distance
Up to 10 m (33 ft)

Features

The 30° x 60° beam angle offers significant, even light output at its preferred setback of 1 m (3.2ft). Move it closer and the light becomes extremely concentrated.

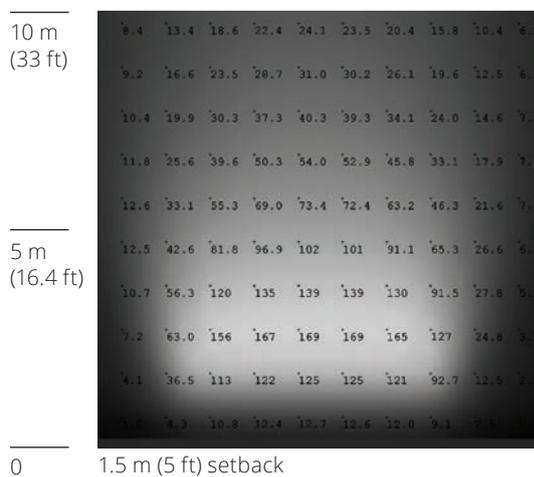


60° x 30° beam angle

Recommended distance
Up to 10 m (33 ft)

Features

The 60° x 30° beam angle features extremely even illumination at its preferred setback of 1.5 m (5 ft)—making it perfect for wall washing applications. It also offers the most concentrated illumination in a 5 m (15 ft) area.



Values are shown in lux. For footcandles multiply lux by 0.093.

Each rendering represents five 1219 mm (4 ft) Graze MX4 RGBW luminaires connected end-to-end, set at various distances from a 10 m (33 ft) wall, not rotated. All renderings were created from .ies files available on the specific product pages.



Reliability to the extreme

Since we introduced Graze to the market in 2008, it has earned a reputation as a durable and reliable workhorse, day in and day out.

Many, many miles of Graze have been installed in thousands of locations all over the world, proving its remarkable reliability. As you know, exterior lighting can be a real challenge thanks to extreme temperatures, wind, rain, ice, and vibration. Graze meets those challenges by continuously improving year after year. But it also remains true to its roots by providing gold-standard illumination that stands the test of time.

Graze Compact key features



Graze Compact Powercore, IntelliHue

White light you can tune and tint—plus dynamic color light all in one luminaire

Graze Compact is a high-performance, exterior linear luminaire designed to highlight architectural features like molding details, archways and windows up to two stories high. Graze Compact IntelliHue utilizes Color Kinetics IntelliHue technology to produce millions of saturated colors, pastels, and high-quality white light—all in the same precisely controllable luminaire.



Graze Compact Powercore, RGBW

Enhanced white light in a four-channel luminaire

Graze Compact RGBW luminaires add a separate white LED creating better-quality whites compared to RGB.



Graze Compact Powercore, RGBA

Enhanced reds and golds in a four-channel luminaire

Graze Compact RGBA luminaires add a separate amber LED which expands the available range of colors to include warmer tones, such as rich gold, yellow, and orange shades.



Ultra compact form factor

Graze Compact's ultra-low profile is half the size of Graze, allowing it to fit discretely into almost any layout, from simple to elaborate.

Reliable and rugged

Graze Compact provides years of reliable use under rugged conditions. Graze Compact raises reliability even further with more protection from corrosion by meeting ASTM B117 standard and ANSI C136.31-2010 standard with a 3G vibration rating.

Take a closer look



Innovative optical design

Fully mixed light directly out of the luminaire, allows for smaller setbacks.

Available in 4 lengths

305 mm (1 ft)
610 mm (2 ft)
314 mm (3 ft)
1219 mm (4 ft)

Available in 4 standard beam angles

10° x 60°
30° x 60°
60° x 60°
100° x 100°

Push-and-click connectors

Easily and rapidly install Leader Cables and Jumper Cables.

Robust range of accessories are available

Masking trays, mounting arms, symmetric louvers.



Constant torque locking hinge

Simple and consistent position control from various angles.

A variety of beam angles

Add drama and emphasis—or choose smooth illumination. The choice is yours with Graze Compact.

10° x 60° beam angle

Recommended distance

Up to 6 m (20 ft)

Features

This popular beam angle features exceptional close setbacks of 50 to 152 mm (2 to 6 in) or less with great color mixing and exceptional horizontal spread.

30° x 60° beam angle

Recommended distance

Up to 6 m (20 ft)

Features

The 30° x 60° beam angle features setbacks of 152 to 300 mm (6 to 12 in) or less with great color mixing. Move it closer and the light becomes extremely concentrated.

60° x 60° beam angle

Recommended distance

Up to 6 m (20 ft)

Features

The 60° x 60° beam angle features even illumination at its preferred setback of 152 to 300 mm (6 to 12 in) making it perfect for wall washing applications.

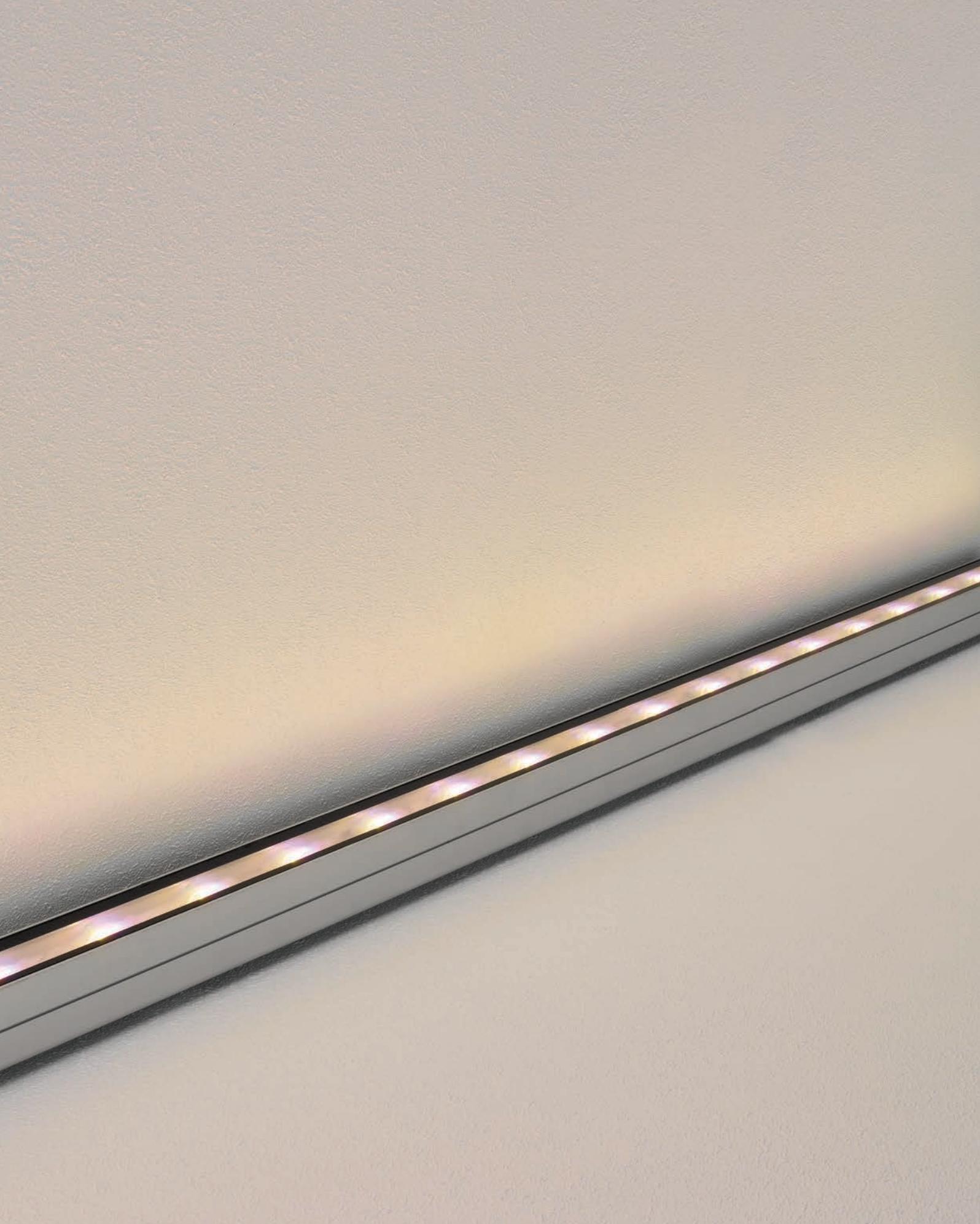
100° x 100° beam angle

Recommended distance

Up to 4.5 m (15 ft)

Features

The 100° x 100° beam angle features soft-edged, volume fill for exterior cove, niche, and architectural detail illumination, with a setback of 152 to 300 mm (6 to 12 in).



Set even closer than 50 mm (2 in), Graze Compact IntelliHue (10° x 60° beam angle, not rotated) shows smooth mixing and terrific illumination.

Exceptional lighting takes more than a luminaire

To unlock the full potential of your Graze luminaires, you need the right components to power and control them.

Controllers

Our broad line of controllers brings you differing capabilities that match your specific needs, the complexity of your project, and your budget. Our controllers offer the industry-standard DMX protocol, or our proprietary, scalable KiNET protocol for Ethernet networks. Because of addressing limitations, DMX is appropriate for relatively simple installations, or for light shows in which multiple Graze luminaires operate in unison.

Because it is not subject to DMX addressing limitations, Ethernet is the preferred environment for intricate color-changing light shows using Graze luminaires. All Graze solutions work seamlessly with our full range of controllers, including Light System Manager, Video System Manager Pro, iPlayer 3, Antumbra iColor Keypad, and ColorDial Pro, as well as third-party DMX controllers.



Power/Data Supplies

We pair each Graze luminaire with the right power/data supply, delivering the power and data needed for your project, ensuring exceptional operation, and maximizing run lengths.

Monitoring and Management

Interact Landmark (formerly Philips ActiveSite) is the first-ever cloud-hosted connected lighting system for architectural LED lighting installations. Interact Landmark allows you to remotely monitor, manage, and maintain an installation site from anywhere in the world, using a secure web connection.

Highlighting architectural features on a multi-story city building



Photography: Jeffrey Totaro, 2016

Graze luminaires are perfect for lighting building facades or window archways. They can be used to highlight the intricate architectural features of a renaissance revival-style façade.

Window frames can be grazed using ColorGraze MX4 RGBW luminaires with a 10°x60° beam angle. Pilasters next to each window can be highlighted with ColorBlast Powercore gen4 RGBW luminaires.

Products	ColorGraze MX4 Powercore, RGBW and ColorBlast Powercore gen4 RGBW
Beam angles	10°x60° and 10°
Details	At the base of each window and at the base of each pilaster

Uplighting a 2-story façade



The aluminium panels are up-lit using two runs of Amber eColor Graze QLX Powercore.

The entire façade is illuminated from a single, hidden, but accessible position, with the luminaires on a timer so they automatically switch on at sundown and remain on until midnight. One row is located close to the aluminium panels so that it illuminates the bottom portion, while the other, set further back, illuminates the upper section.

Product	eColor Graze QLX Powercore
Details	End-to-end

Bringing simplicity and elegance to a gas station



Winner of the IALD Award of Excellence + Sustainability, the CEPSA gas station in Adanero, Spain illuminates its semi-transparent canopy with eColor Graze MX Powercore.

During the day, the canopy appears open and airy when unlit. When illuminated in the evening, the canopy takes on a solid appearance, echoing the gas station's red and white brand colors.

Product	eColor Graze MX Powercore
Beam angle	10°x60°
Details	End-to-end, highlighting translucent dome

Integrating ColorGraze in a complex lighting plan



Photography: New York Focus

Graze is an versatile linear luminaire that works well with other types of luminaires.

A complex, layered lighting design that uses powerful floodlights to illuminate multiple stories may require fill light to create a consistent lighting plan. Graze is adept at filling any gaps at the base of each tier of the structure, producing seamless, uniform light that works harmoniously with the rest of the luminaires.

Product	ColorGraze MX4 Powercore
Beam angle	10°x60°
Details	End-to-end

Highlighting a well-traveled bridge



Photography: Courtesy of Signify Korea

760 ColorGraze MX Powercore luminaires installed along the base of cable stays on the Busan North Harbor Bridge in Busan, South Korea, highlight the suspension cables with colored light.

The bridge's two pylons are illuminated using 160 ColorReach Powercore gen2 luminaires, installed at the top and the base of the pylons. Finally, 370 ArchiPoint iColor Powercore light points were affixed linearly down the upper section of each pylon, giving the bridge an extra sparkle. The entire installation is controlled with a single Light System Manager Ethernet lighting controller.

Products	ColorGraze QLX Powercore, ColorReach Powercore gen2, and ArchiPoint iColor Powercore
Beam angle	9°x9°
Details	Spaced at the base of each cable stay, illuminating each pylon, and Spaced 2 meters apart

Inspiring an intense emotional experience



Photography: Signify

More than 6,500 ColorGraze MX4 Powercore luminaires deliver brilliant dynamic lighting across the entire outer membrane façade of the Allianz Arena in Munich, Germany.

Product	ColorGraze MX4 Powercore
Beam angle	Various
Details	At the bottom edge of each facade section

Adding emphasis to sandstone and brick architectural features



Photography: Partrick Reynolds Photography Ltd

In the heart of Auckland, New Zealand's main port area, the sandstone and brick facade of the Auckland Ferry Building is an unusual sight.

iW Graze MX Powercore luminaires were chosen to highlight the unique color of the sandstone and emphasize the classical architecture.

Product	iW Graze MX Powercore
Beam angle	30°x60°
Details	Used to graze clocktower facade

Illuminating an icon



Photography: Kaan Verdioglu

The 15 July Martyrs Bridge is no ordinary bridge. Connecting two continents and carrying nearly 200,000 vehicles a day, it is the most famous landmark of Turkey's largest city, Istanbul.

The bridge's signature zigzag steel cables are lined at equal intervals by 305 mm (1 ft) ColorGraze Powercore luminaires, turning the main focal point of the suspension bridge into an eye-catching attraction.

Product	ColorGraze QLX Powercore
Beam angle	9°x9°
Details	Spaced every 3 m(10 ft) along each cable

Specifications and Information

Products	Lengths	Power consumption	Lumens per foot	Efficacy lm/W	CRI
ColorGraze IntelliHue Powercore	305 mm (1 ft) 610 mm (2 ft) 915 mm (3 ft) 1219 mm (4 ft)	18.5 W/ft	687 to 697	38.5 to 38.9	80.7 to 87.7
ColorGraze MX4 Powercore		18.5 W/ft	543 to 655	30.1 to 36.3	-
ColorGraze MX Powercore		20 W/ft	476 to 516	18.8 to 20.6	-
ColorGraze QLX Powercore		15 W/ft	396 to 415	19.9 to 20.9	-
iW Graze MX Powercore		20 W/ft	846 to 872	33.3 to 34.9	82
iW Graze QLX Powercore		15 W/ft	624 to 673	31.5 to 33.9	83
eW Graze MX Powercore		15 W/ft	888 to 1,088	61.2 to 73.7	81 to 82
eW Graze QLX Powercore		10 W/ft	597 to 727	63.3 to 74.1	81 to 82
eColor Graze MX Powercore		15 W/ft	-	-	-
eColor Graze QLX Powercore		10 W/ft	-	-	-

General information

Beam Angles	9° x 9°, 10° x 60°, 15° x 30°, 30° x 60°, 60° x 30°
LED Channels	IntelliHue—Red/Green/Blue/Mint White RGBW—Red/Green/Blue/White RGBA—Red/Green/Blue/Amber RGB—Red/Green/Blue iW—2700 K to 6500 K eW—2700 K, 3000 K, 3500 K, 4000 K, or 5500 K eColor—Red, Green, Blue, or Amber
Input Voltage	100 to 277, auto-ranging, 50/60 Hz
Housing Material	Extruded anodized aluminium
Lens	UV-Protected Clear Lens
Vibration Resistance	305 mm (1 ft) and 610 mm (2 ft) complies with ANSI C136.31, 3G. Special orders are available for 915 mm (3 ft) and 1219 mm (4 ft) that comply with the ANSI C136.31, 3G standard. Please contact your Color Kinetics Lighting Sales rep for custom configurations.
Mechanical Impact	IK10 (IK08 Graze EC Powercore)
Corrosion Resistance	Not suitable for salt spray or harsh chemical environments.
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, C-Tick (CQC for ColorGraze MX4 and IntelliHue only)
Environment	Dry/Damp/Wet Location, IP66
Weight	305 mm (1 ft)—1 kg (2.1 lb) 610 mm (2 ft)—2.1 kg (4.6 lb) 915 mm (3 ft)—3.2 kg (7.1 lb) 1219 mm (4 ft)—4.2 kg (9.3 lb)
Dimensions	305 mm (1 ft)—68 x 305 x 72 mm (2.7 x 12 x 2.85 in) 610 mm (2 ft)—68 x 610 x 72 mm (2.7 x 24 x 2.85 in) 915 mm (3 ft)—68 x 915 x 72 mm (2.7 x 36 x 2.85 in) 1219 mm (4 ft)—68 x 1219 x 72 mm (2.7 x 48 x 2.85 in)

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.



**ColorGraze IntelliHue
Powercore**



**ColorGraze MX4
Powercore**



**ColorGraze MX
Powercore**



**iW Graze MX
Powercore**

**ColorGraze QLX
Powercore**

**iW Graze QLX
Powercore**



**eW Graze MX
Powercore**

**eW Graze QLX
Powercore**

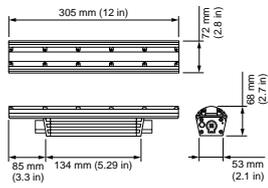


**eColor Graze MX
Powercore**

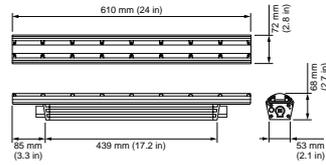
**eColor Graze QLX
Powercore**

Dimensions

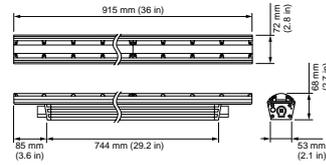
305 mm (1 ft)



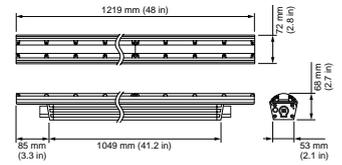
610 mm (2 ft)



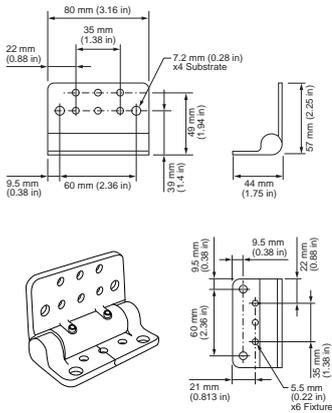
914 mm (3 ft)



1219 mm (4 ft)



Hinge



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:

Configuration Calculator

Create a lighting design plan that identifies and locates all luminaires, Data Enabler Pro devices, and controllers. Use **Configuration Calculator** to determine how many luminaires you can install in a single run, and the maximum distances between Data Enabler Pro devices, luminaires, and controllers.

QuickPlay Pro

Graze luminaires operate in 8-bit mode by default. To address luminaires, including switching between 8-bit mode and 16-bit mode, download **QuickPlay Pro**.

Accessories

	Item Number	Item 12NC
3 Conductor Leader Cable, for use with eW/eColor Graze or Reach Powercore luminaires, 3 m (10 ft), UL/cUL	108-000056-03	910503704071
3 Conductor Leader Cable, for use with eW/eColor Graze or Reach Powercore luminaires, 3 m (10 ft), CE/PSE	108-000056-04	910503704072
3 Conductor Leader Cable, for use with eW/eColor Graze or Reach Powercore luminaires, 3 m (10 ft), CCC	108-000056-05	910503704073
3 Conductor Leader Cable, for use with eW/eColor Graze or Reach Powercore luminaires, 15.2 m (50 ft), UL/cUL	108-000056-00	910503703138
3 Conductor Leader Cable, for use with eW/eColor Graze or Reach Powercore luminaires, 15.2 m (50 ft), Black, CE	108-000056-01	910503704069
3 Conductor eW/eColor Graze or Reach Powercore Leader Cable, 15 m (50 ft), CCC	108-000056-02	910503704070
4 Conductor Leader Cable, for use with iW/ColorGraze Powercore or all Reach family luminaires, 100 to 277 VAC, 3 m (10 ft), UL	108-000055-03	910503704066
4 Conductor Leader Cable, for use with iW/ColorGraze Powercore or all Reach family luminaires, 100 to 277 VAC, 3 m (10 ft), Black, CE/PSE	108-000055-04	910503704067
4 Conductor Leader Cable, for use with iW/ColorGraze MX4 luminaires, 3 m (10 ft), Black, CE/PSE	108-000055-07	910503705065
4 Conductor Leader Cable, for use with iW/ColorGraze Powercore or all Reach family luminaires, 100 to 277 VAC, 15.2 m (50 ft), UL	108-000055-00	910503703137
4 Conductor Leader Cable, for use with iW/ColorGraze MX4 luminaires, 15 m (50 ft), Black, CE	108-000055-06	910503705064
4 Conductor Leader Cable, for use with iW/ColorGraze or Reach luminaires, 15 m (50 ft), Black, CCC	108-000055-02	910503704065
4 Conductor Leader Cable, for use with iW/ColorGraze Powercore or all Reach family luminaires, 100 to 277 VAC, 15.2 m (50 ft), CE/PSE	108-000055-01	910503704064
Graze MX/QLX/EC Jumper Cable, End-to-End, Black, UL/cUL	108-000057-00	910503703139
Graze MX/QLX/EC Jumper Cable, 305 mm (1 ft), Black, UL/cUL	108-000057-03	910503704076
Graze MX/QLX/EC Jumper Cable, 1.5 m (5 ft), Black, UL/cUL	108-000057-06	910503704079
Graze MX/QLX/EC Jumper Cable, 3 m (10 ft), Black, UL/cUL	108-000057-09	910503704082
Graze MX/QLX/EC Jumper Cable, 6.1 m (20 ft), Black, UL	108-000057-12	912400130304
Graze MX/QLX/EC Jumper Cable, 9.1 m (30 ft), Black, UL	108-000057-15	912400130306
Graze MX/QLX/EC Jumper Cable, End-to-End, Black, CE/PSE	108-000057-01	910503704074
Graze MX/QLX/EC Jumper Cable, 305 mm (1 ft), Black, CE/PSE	108-000057-04	910503704077
Graze MX/QLX/EC Jumper Cable, 1.5 m (5 ft), Black, CE/PSE	108-000057-07	910503704080
Graze MX/QLX/EC Jumper Cable, 3 m (10 ft), Black, CE/PSE	108-000057-10	910503704083
Graze MX/QLX/EC Jumper Cable, 6.1 m (20 ft), Black, CE	108-000057-13	912400130299
Graze MX/QLX/EC Jumper Cable, 9.1 m (30 ft), Black, CE	108-000057-16	912400130307
Graze MX/QLX/EC Jumper Cable, 9.1 m (30 ft), CCC	108-000057-17	912400130308
4 Conductor Leader Cable, for use with iW/ColorGraze Powercore luminaires, 1.52 m (5 ft), UL, for Inground Enclosure	108-000055-09	912400134321
4 Conductor Leader Cable, for use with iW/ColorGraze Powercore luminaires, 1.52 m (5 ft), CE, for Inground Enclosure	108-000055-10	912400134322
Inground Enclosure, Outer Box for 305 mm (1 ft) luminaire	120-000190-01	912400133685
Inground Enclosure, Inner Box for 305 mm (1 ft) luminaire	120-000190-00	912400133684
Inground Enclosure, Outer Box for 610 mm (2 ft) luminaire	120-000190-03	912400133687
Inground Enclosure, Inner Box for 610 mm (2 ft) luminaire	120-000190-02	912400133686
Inground Enclosure, Outer Box for 914 mm (3 ft) luminaire	120-000190-05	912400133689
Inground Enclosure, Inner Box for 914 mm (3 ft) luminaire	120-000190-04	912400133688
Inground Enclosure, Outer Box for 1219 mm (4 ft) luminaire	120-000190-07	912400133691
Inground Enclosure, Inner Box for 1219 mm (4 ft) luminaire	120-000190-06	912400133690
Glare Shield, 305 mm (1 ft)	120-000081-00	910503700745
Glare Shield, 610 mm (2 ft)	120-000081-01	910503700746
Glare Shield, 914 mm (3 ft)	120-000081-02	910503700747
Glare Shield, 1219 mm (4 ft)	120-000081-03	910503700748
Masking Shield, 305 mm (1 ft)	120-000203-00	912400135857
Masking Shield, 610 mm (2 ft)	120-000203-01	912400135858
Masking Shield, 914 mm (3 ft)	120-000203-02	912400135859
Masking Shield, 1219 mm (4 ft)	120-000203-03	912400135860
Symmetric Louver, QLX, 305 mm (1 ft), Black	120-000202-04	912400135853
Symmetric Louver, QLX, 610 mm (24 in), Black	120-000202-05	912400135854
Symmetric Louver, QLX, 914 mm (36 in), Black	120-000202-06	912400135855
Symmetric Louver, QLX, 1219 mm (48 in), Black	120-000202-07	912400135856
Symmetric Louver, MX/MX4, 305 mm (1 ft), Black	120-000202-00	912400135849
Symmetric Louver, MX/MX4, 610 mm (24 in), Black	120-000202-01	912400135850
Symmetric Louver, MX/MX4, 914 mm (36 in), Black	120-000202-02	912400135851
Symmetric Louver, MX/MX4, 1219 mm (48 in), Black	120-000202-03	912400135852
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Short, Black	120-000201-00	912400135840
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Short, White	120-000201-06	912400135846
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Short, Gray	120-000201-03	912400135843
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Medium, Black	120-000201-01	912400135841
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Medium, White	120-000201-07	912400135847
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Medium, Gray	120-000201-04	912400135844
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Long, Black	120-000201-02	912400135842
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Long, White	120-000201-08	912400135848
Mounting Arm for use with Blast, Graze, Burst, and Vaya Flood, Long, Gray	120-000201-05	912400135845
Power/Data Supplies		
Data Enabler Pro, 3/4 in / 1/2 in NPT (U.S. trade size conduit)	106-000004-00	910503701210
Data Enabler Pro, PG21/PG13 (metric size conduit)	106-000004-01	910503701211

Specifications and Information

Products	Lengths	Power consumption	Lumens per foot	Efficacy lm/W	CRI
Graze Compact Powercore, IntelliHue	305 mm (1 ft) 610 mm (2 ft)	4.5 W - 1 ft, 16 W - 4 ft (Low Power)	199 to 519	47.1 to 64	93 to 94
Graze Compact Powercore, RGBW	915 mm (3 ft)	9 W - 1ft, 34 W - 4 ft (High Power)	192 to 508	47.2 to 60.9	-
Graze Compact Powercore, RGBA	1219 mm (4 ft)		184 to 445	45.3 to 54	-

General information

Beam Angles	10° x 60°, 30° x 60°, 60° x 60°, 100° x 100°
LED Channels	IntelliHue—Red/Green/Blue/Mint White RGBW—Red/Green/Blue/White RGBA—Red/Green/Blue/Amber
Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz
Housing Material	Extruded anodized aluminium
Lens	Glass
Vibration Resistance	Complies with ANSI C136.31, 3G
Mechanical Impact	IK07
Corrosion Resistance	Complies with ASTM B117 standard with special order.
Approbations	UL/cUL, FCC Class A, PSE, CE, CQC, RCM, EAC, BIS, UA
Environment	Dry/Damp/Wet Location, IP66
Weight	305 mm (1 ft)—0.68 kg (1.5 lb) 610 mm (2 ft)—0.0 kg (0.0lb) 915 mm (3 ft)—0.0 kg (0.0 lb) 1219 mm (4 ft)—2 kg (4.41 lb)
Dimensions	305 mm (1 ft)— 45.05 x 306.3 x 42.2 mm (1.77 x 12.06 x 1.66 in) 610 mm (2 ft)— 45.05 x 611.1 x 42.2 mm (1.77 x 24.06 x 1.66 in) 915 mm (3 ft)—45.05 x 915.9 x 42.2 mm (1.77 x 36.06 x 1.66 in) 1219 mm (4 ft)— 45.05 x 1220.65 x 42.2 mm (1.77 x 48.06 x 1.66 in)

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.



Graze Compact Powercore, IntelliHue

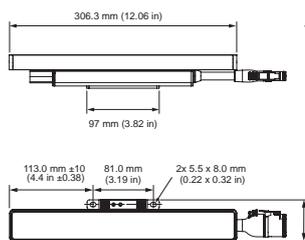


Graze Compact Powercore, RGBW

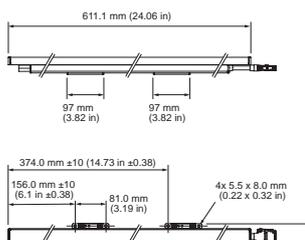


Graze Compact Powercore, RGBA

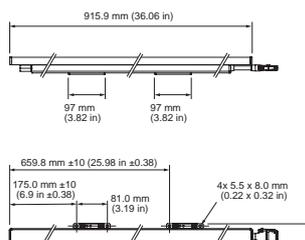
305 mm (1 ft)



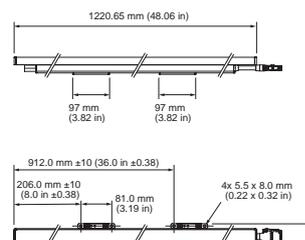
610 mm (2 ft)



915 mm (3 ft)



1219 mm (4 ft)



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:

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Create a lighting design plan that identifies and locates all luminaires, Data Enabler Pro devices, and controllers. Use **Configuration Calculator** to determine how many luminaires you can install in a single run, and the maximum distances between Data Enabler Pro devices, luminaires, and controllers.

QuickPlay Pro

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Accessories

	Item Number	Item 12NC
Graze Compact Powercore Leader Cable, 3 m (10 ft), Black, UL	108-000074-00	912400136940
Graze Compact Powercore Leader Cable, 15 m (50 ft), Black, UL	108-000074-02	912400136942
Graze Compact Powercore Leader Cable, 3 m (10 ft), Black, CE/CQC	108-000074-01	912400136941
Graze Compact Powercore Leader Cable, 15 m (50 ft), Black, CE/CQC	108-000074-03	912400136943
Graze Compact Powercore Jumper Cable, 305 mm (1 ft), Black, UL	108-000073-00	912400136930
Graze Compact Powercore Jumper Cable, 1.5 m (5 ft), Black, UL	108-000073-02	912400136932
Graze Compact Powercore Jumper Cable, 3 m (10 ft), Black, UL	108-000073-04	912400136934
Graze Compact Powercore Jumper Cable, 6.1 m (20 ft), Black, UL	108-000073-06	912400136936
Graze Compact Powercore Jumper Cable, 9.1 m (30 ft), Black, UL	108-000073-08	912400136938
Graze Compact Powercore Jumper Cable, 305 mm (1 ft), Black, CE/CQC	108-000073-01	912400136931
Graze Compact Powercore Jumper Cable, 1.5 m (5 ft), Black, CE/CQC	108-000073-03	912400136933
Graze Compact Powercore Jumper Cable, 3 m (10 ft), Black, CE/CQC	108-000073-05	912400136935
Graze Compact Powercore Jumper Cable, 6.1 m (20 ft), Black, CE/CQC	108-000073-07	912400136937
Graze Compact Powercore Jumper Cable, 9.1 m (30 ft), Black, CE/CQC	108-000073-09	912400136939
Graze Compact Hinge, (Set of 10)	120-000211-00	912400136664
Graze Compact Masking Tray, 305 mm, 1 ft	120-000209-00	912400136656
Graze Compact Masking Tray, 609 mm, 2 ft	120-000209-01	912400136657
Graze Compact Masking Tray, 914 mm, 3 ft	120-000209-02	912400136658
Graze Compact Masking Tray, 1219 mm, 4 ft	120-000209-03	912400136659
Graze Compact Masking Tray End Cap Kit, (Pair, left and right) one kit per run	120-000209-04	912400137116
Graze Compact Masking Shield, 305 mm (1 ft)	120-000216-01	912400137226
Graze Compact Masking Shield, 610 mm (2 ft)	120-000216-02	912400137227
Graze Compact Masking Shield, 914 mm (3 ft)	120-000216-03	912400137228
Graze Compact Masking Shield, 1219 mm (4 ft)	120-000216-04	912400137229
Graze Compact Mounting Arm, Short, Gray	120-000206-00	912400136642
Graze Compact Mounting Arm, Medium, Gray	120-000206-01	912400136643
Graze Compact Mounting Arm, Long, Gray	120-000206-02	912400136644
Graze Compact Symmetric Louver, 305 mm, 1 ft	120-000207-00	912400136648
Graze Compact Symmetric Louver, 609 mm, 2 ft	120-000207-01	912400136649
Graze Compact Symmetric Louver, 914 mm, 3 ft	120-000207-02	912400136650
Graze Compact Symmetric Louver, 1219 mm, 4 ft	120-000207-03	912400136651
Graze Compact Tether Anchor, (Set of 10)	120-000211-01	912400136665
Power/Data Supplies		
Data Enabler Pro, 3/4 in / 1/2 in NPT (U.S. trade size conduit)	106-000004-00	910503701210
Data Enabler Pro, PG21/PG13 (metric size conduit)	106-000004-01	910503701211

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