

BlastElite

The benefits of Blast, now Elite

Product Guide

BlastElite



Advanced technologies inside,
a known, reliable Blast form-factor
outside—that's BlastElite.



In this guide:

Introduction	02
The BlastElite legacy	04
BlastElite features	06
Key features	08
BlastElite advantages	10
Complete solution	12
Showcase	14
Specifications and information	18
Accessories	20

Blast, Now Elite

Two decades of illuminating the extraordinary. Now, dramatically better.

BlastElite doesn't just upgrade performance—it reimagines what's possible. Superior output at 30% less energy. 30 watts instead of 50. FluxBoost technology delivers more light where it matters while IntelliHue unleashes millions of saturated colors and brilliant whites with 91+ CRI from a single luminaire. Chromasync Pro ensures flawless color consistency across every fixture, every time.

This is architectural lighting that adapts to ambition. Run lengths up to 400 feet. Flexible pixels. Custom optics. Rugged reliability that thrives in punishing conditions. A complete accessory ecosystem that bends to your vision, not the other way around.

Transform façades. Reveal hidden details. Ignite emotion. BlastElite gives you the power to change how people experience space—to move them.

The legacy you trust. The innovation you've been waiting for BlastElite. Light that moves.





BlastElite delivers superior output and color quality in the proven Blast form you know. Advanced Color Kinetics technologies—FluxBoost, IntelliHue, Chromasync Pro—combine to create a luminaire that performs at the highest level while using 30% less energy.

Exceptional Performance

High performance with less energy

BlastElite provides more light output compared to current Blast luminaires, thanks to FluxBoost technology, which optimizes power and light output. And because it uses reliable, carefully selected mid-power LEDs, BlastElite uses significantly less power than previous Blast luminaires.

Color consistency, no matter what

Chromasync Pro makes it easy to achieve color consistency with BlastElite no matter what the LED mix, output, beam angle, or luminaire family. Simply choose three DMX values and let Chromasync Pro do the rest, even when combining luminaires using three, four, five, or more channels.

Longer run lengths

The latest Powercore Pro technology enables longer run lengths of up to 400 feet, simplifying installations and reducing costs.

Versatile, high-quality output—color and white

The latest Color Kinetics IntelliHue technology enables the multi-channel BlastElite (red, green, blue, amber, white) to output millions of saturated colors—as well as white light. BlastElite outputs this wide gamut with exceptional accuracy (91+ CRI), including difficult-to-output colors, such as amber, purple, and magenta. And it outputs brilliant white light with high R9 values, exceeding the quality of white-only luminaires.

Advanced optics

Exceptional performance starts with BlastElite's custom-designed optical system, which uses unique optics for each LED, customized based on its colors. Its mid-power LEDs are carefully chosen using Color Kinetics Optibin technology and individually tested to ensure maximum quality and consistency.

Smart Design

Flexible pixel

BlastElite is factory set at one pixel per luminaire just like current Blast, but BlastElite can be easily changed to display 1, 2, or 4 individual pixels for direct-view applications.

Reliability under punishing conditions

With its die-cast aluminum body and tempered glass, BlastElite's rugged design raises reliability and provides protection from the elements. It offers 6 kV surge protection, and meets the ASTM B117 standard > 1,500 hours, and ANSI C136-31-2023 Roadway and Area Lighting for Bridges and Overpasses.

Compatible with a wide range of controllers

Choose the controller that meets your needs, including iPlayer 4, iPlayer 3, Antumbra iColor Keypad, and ColorDial Pro—as well as third-party controllers.

Expands customization with a wide range of accessories.

In addition to the native 10° lens, five different spread lenses can customize the luminaire to produce 20°, 40°, 60°, 80°, and 10° x 40° (asymmetric) beam angles. All accessories match housing color options (black, gray, and white) – including adding or combining a spread lens, rock guard, and full or half glare shield.

Technologies that deliver clear benefits.

The result of decades of work, our unequalled portfolio of proprietary, quality-enhancing technologies enables you to get the best possible results with our solutions. These technologies raise quality by ensuring consistency, raising uniformity, providing precision control, and more.

Optibin

Our LED optimization technology begins the color consistency process by grouping (or binning) LEDs by flux as well as center wavelength. The result? Higher uniformity and consistency of hue and color temperature for all our luminaires.

Chromasync Pro

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.

IntelliHue Pro

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.

Powercore Pro

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.

FluxBoost

FluxBoost is a breakthrough technology that optimizes power and quality. With FluxBoost, an installation can use more of the power budget allocated to the project, enabling significantly higher output, creating more saturated colors, reducing waste and increasing efficiency.

Take a closer look

More light. Less energy. 30% less power, superior output. BlastElite delivers the performance you need with the efficiency you demand.

High performance, less energy

BlastElite provides more light output compared to current Blast luminaire, and BlastElite uses significantly less power.



Accurate, consistent color and white light

The latest Color Kinetics IntelliHue technology enables the multi-channel BlastElite (red, green, blue, amber, white) to output millions of saturated colors—as well as brilliant white light (91+ CRI).

Individually designed optics

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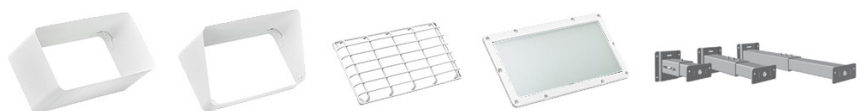
Reliability under punishing conditions

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Color consistency, no matter what

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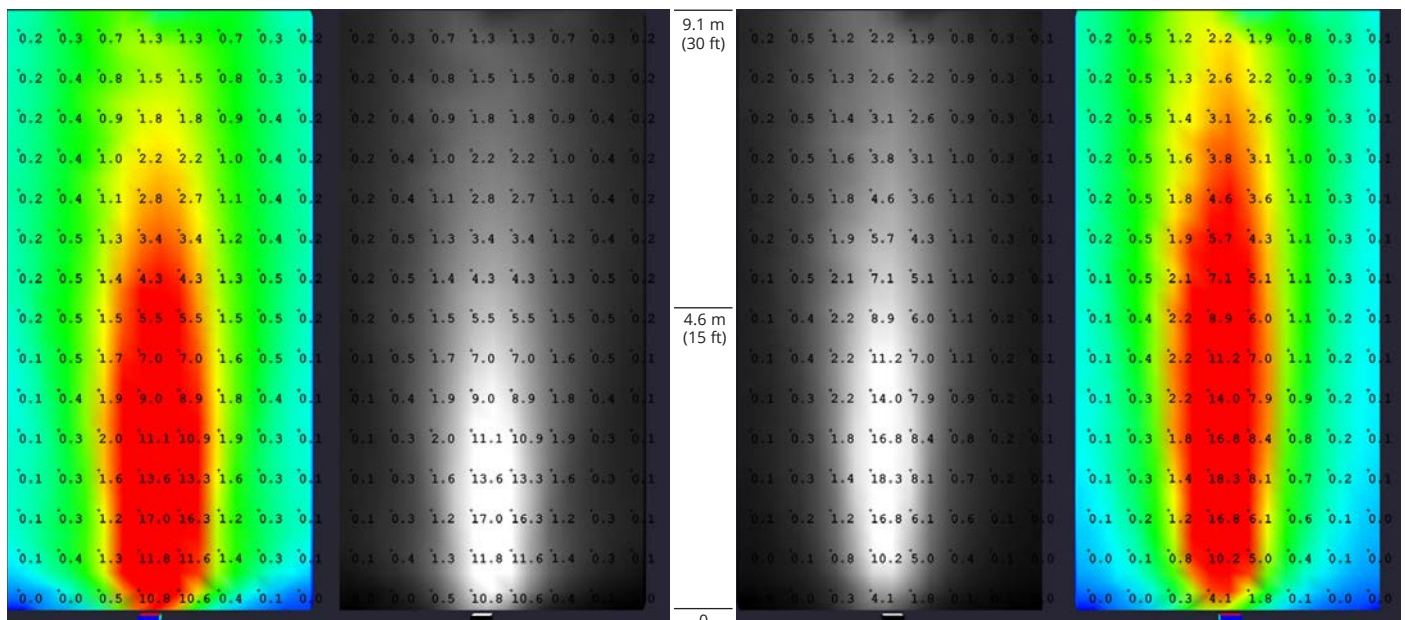
Simple customization

Choose from a wide range of accessories, including 5 spread lenses, 3 mounting arms, full or half glare shields, and rock guards.

BlastElite advantages

BlastElite's rounded focused beam allows for greater precision in direct lighting applications, making it easier to achieve uniform illumination across a surface.

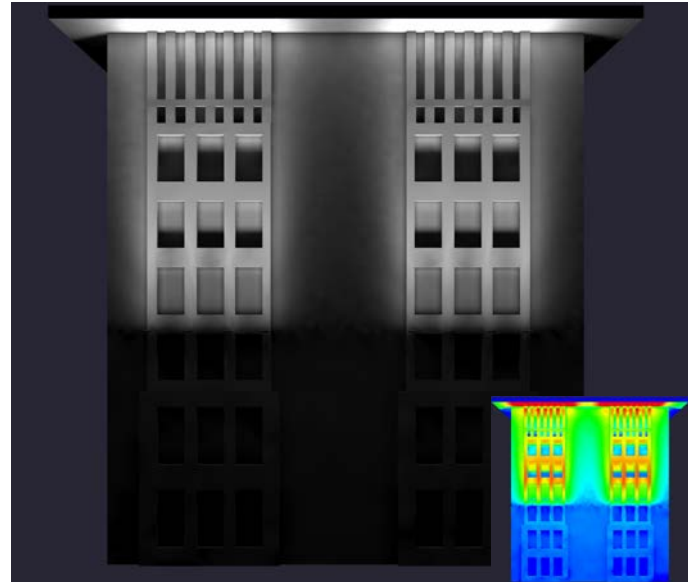
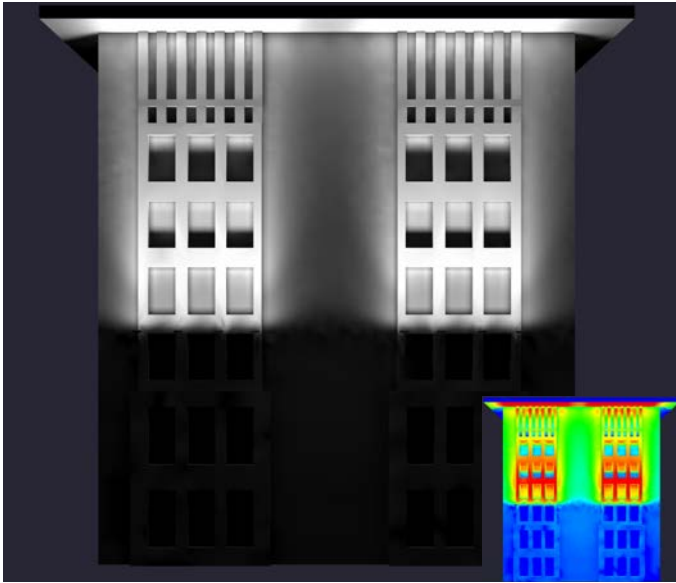
The gentle spread minimizes harshness while maintaining coverage offering more flexibility in luminaire placement. With it's advanced beam characteristic, consider adding a 1 ft setback and wider spacing between BlastElite luminaires.



BlastElite (l) and Blast Powercore gen5, IntelliHue (r), 10° native beam, .3 m (1 ft) setback.

Values are shown in footcandles. For lux multiply fc by 10.7.

All renderings were created from .ies files available on the BlastElite product page. As every installation is unique we recommend creating dimensional models, mockups and computer renderings prior to installation.



BlastElite (l) and Blast Powercore gen5, IntelliHue (r), 10° native beam, .3 m (1 ft) setback, 4 luminaires set 1 m (3.3 ft) apart in each window section (8 total).

In wall washing applications, BlastElites powerful yet evenly distributed illumination makes it well-suited for creating a smooth, consistent light spread across surfaces, enhancing visual appeal and emphasizing architectural features such as window casements, arches, and towers.

In installation where luminaire placement is already predetermined, such as retrofits, BlastElite's advantages become clear. It effectively illuminates from its mounting position up with little gap, allowing even illumination without significant adjustment.

BlastElite from all angles



10° native beam



10° x 40° native beam



20° native beam



40° native beam



60° native beam



80° native beam

BlastElite luminaire set .3 m (1 ft) from 9.1 m (30 ft) wall. For detailed output information see the specification sheet available on the BlastElite product page.

Exceptional lighting takes more than a luminaire

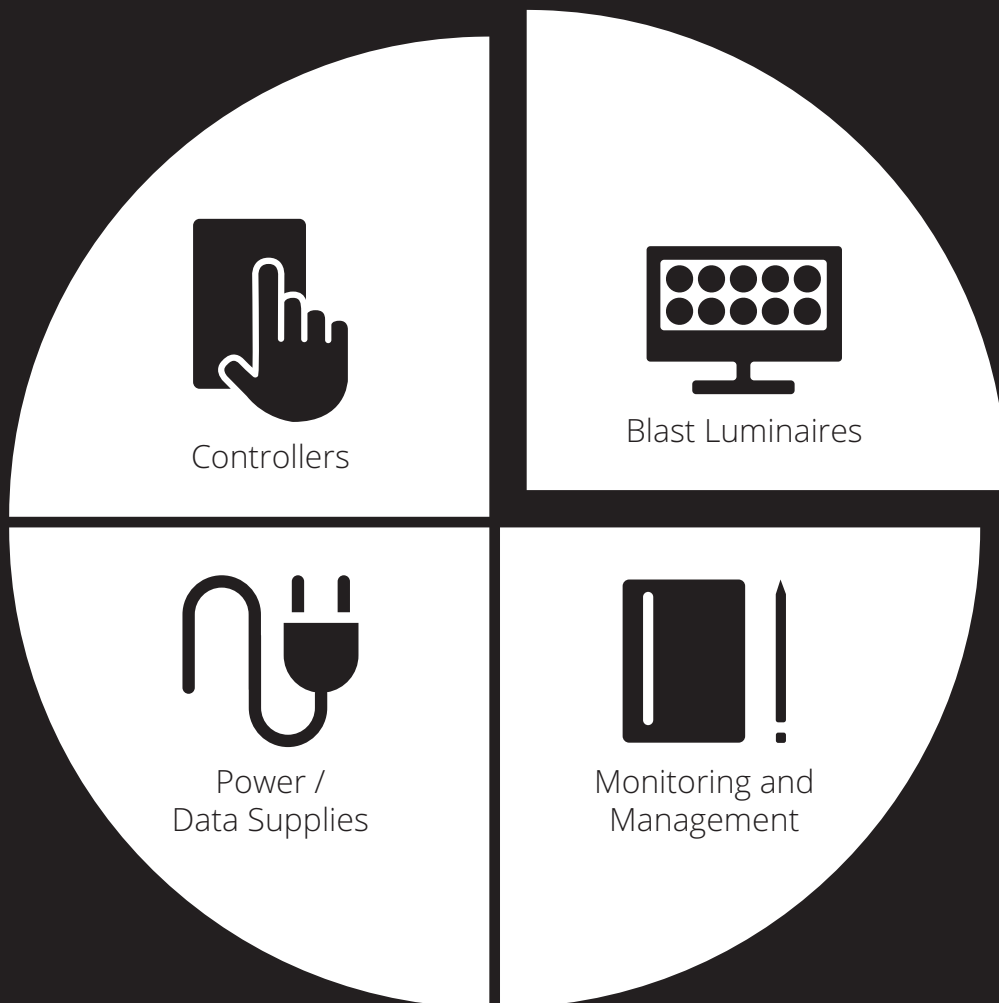
To unlock the full potential of your BlastElite luminaires, you need the right components to power and control them. Color Kinetics completes your solution with:

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 BlastElite 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 BlastElite luminaires.

All BlastElite solutions work seamlessly with our full range of controllers, including iPlayer 4, iPlayer 3, Antumbra iColor Keypad, and ColorDial Pro, as well as third-party DMX controllers.



Power/Data Supplies

All BlastElite luminaires accept either DMX or Ethernet input and 100 to 277 VAC power from Data Enabler Pro.

Monitoring and Management

Monitor dynamic architectural lighting assets and manage scenes using Interact Landmark software and system architecture. Securely access Interact Landmark with your smartphone, tablet or PC, from anywhere in the world using an internet connection.

Enhancing Energy Efficiency and Brightness

Photo Credit: Albin Roslund, Kreativ Teknik

10 luminaires are lighting the halo at the top of the combined heat and power plant in Arctura, Östersund, Sweden, with fifty luminaires mounted on the upper ring, lighting the inner upper section of the façade. Another 50 are positioned on the lower part, lighting the inner lower section. Forty luminaires are placed outside at the base to illuminate an external mesh surrounding the façade. These 40 luminaires are also equipped with Rock Guards for protection against falling ice.

These images show lighting scenarios appropriate for BlastElite's unique strengths, but do not feature actual installations, since BlastElite is new to the market.

Lighting Up a Downtown Landmark

Photo Credit: Wiedamark

While ReachElite luminaires graze up the 20+ story apartment tower in Dallas, Blast luminaires complement the lighting design by intensely lighting the upper band encircling the roofline. The Blast luminaires are set in pairs with horizontal beams of light grazing across the brick surface of each section.

Luminous Bridges in Little Rock



Photo Credits: Rick Friedman

Over 2,000 Blast, ReachElite, and Graze luminaires work in concert across 3 bridges in Little Rock, Arkansas providing beautiful, consistent color-changing hues. To beautify the city and spark community engagement the Little Rock team used high-quality, striking lights to enhance pedestrians' nighttime navigation and emphasize each bridge's distinctive architecture.

These images show lighting scenarios appropriate for BlastElite's unique strengths, but do not feature actual installations, since BlastElite is new to the market.

Driving Tourism, Commerce, and Civic Pride

Photo Credit: Mattia Abeni at Copenhagers

Creating an enchanting backdrop to various festivities, this annual light show, displays captivating lighting installations and experiences at more than 30 historical sites, canals, harbor, bridges, streets, squares, and corporate buildings. Blast luminaires were mounted 10 m (32 ft) apart and 8 m (26 ft) from this buildings beautiful brick façade in Copenhagen Denmark.

Specifications and information

Measurements for 10° native beam angle shown. Additional beam angle measurements can be found on the BlastElite product page.

Products	Power consumption	Lumens	Efficacy lm/W	CRI
BlastElite Powercore	30 W Maximum	@ 3000 K - 2,007 to 2,476 @ 4000 K - 2,032 to 2,495	94.9 to 95.5	91.7 to 92.9

General information

Beam Angles	10° (Native), 20°, 40°, 60°, 80°, 10° x 40° Asymmetric
LED Channels	Red/Green/Blue/Amber/4000K
Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz
Housing Material	Die-cast aluminium, powder-coated finish (White, Black, Gray)
Lens	Clear tempered glass
Vibration Resistance [†]	Complies with ANSI C136-31-2023 Roadway and Area Lighting for Bridges and Overpasses.
Mechanical Impact	IK10
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
Approbations	UL/cUL, FCC Class B, CE, PSE, C-Tick
Environment	Dry/Damp/Wet Location, IP66
Weight	4.9 kg (10.8 lb)
Dimensions	181.0 x 339.0 x 184.0 mm (7.1 x 13.4 x 7.3 in)
Interface	Data Enabler Pro gen3, DMX or Ethernet (KiNET or SACN)
Control System	Color Kinetics full range of controllers, including iPlayer 3, iPlayer 4, Antumbra iColor Keypad, and ColorDial Pro, or third-party controllers.
Control Channels	3 channels per pixel with Chromasync Pro (default), or 5 channels per pixel. 1, 2, or 4 pixels per luminaire; pixel order and count configurable with QPP2. 8-bit input (default); 16-bit input capable (requires 2x DMX channels).

[†] When mounting to a junction box, the Color Kinetics wiring compartment accessory must be used to maintain its vibration rating.

For further information

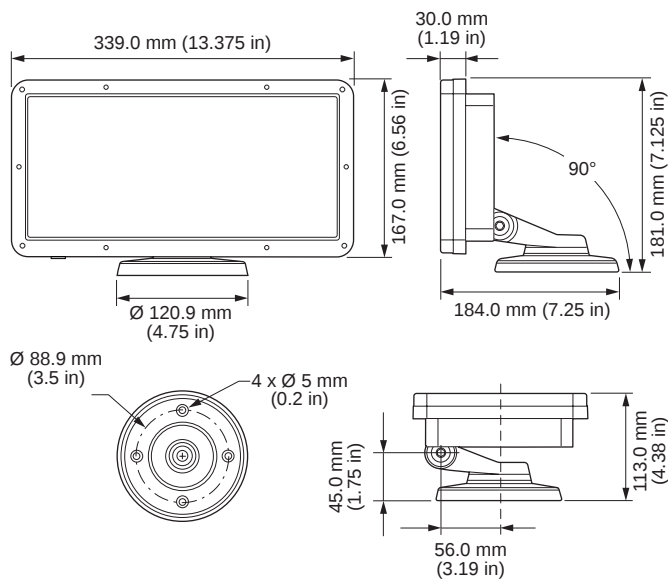
BlastElite is available in three housing colors, and can be fitted with an array of accessories specifically designed for both Blast and BlastElite. Complete details including Installation Instructions, Specification Sheets, .ies files, and product drawings, can be found on the product pages.



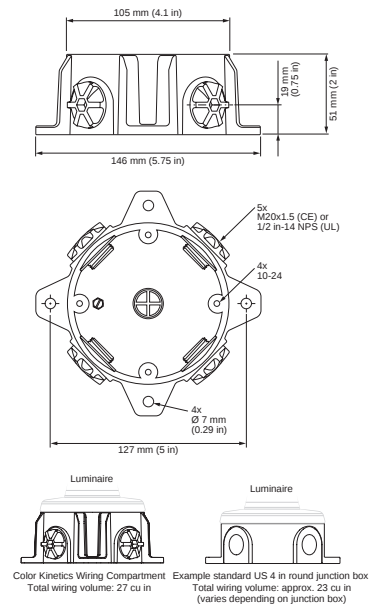
BlastElite Powercore

Dimensions

BlastElite Powercore



Optional wiring compartment



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 2

BlastElite luminaires operate in 8-bit mode by default. To address luminaires, including switching between 8-bit mode and 16-bit mode, download **QuickPlay Pro 2**.

Accessories

Item	Item Number	12NC
Architectural Mounting Arm, for use with Blast, Graze, Graze Compact, Burst Architectural, and Vaya Flood. Long, gray	120-000206-02	912400136644
Architectural Mounting Arm, for use with Blast, Graze, Graze Compact, Burst Architectural, and Vaya Flood. Medium, gray	120-000206-01	912400136643
Architectural Mounting Arm, for use with Blast, Graze, Graze Compact, Burst Architectural, and Vaya Flood. Short, gray	120-000206-00	912400136642
Blast gen4/gen5 & BlastElite Full Glare Shield, Black Finish	120-000185-03	912400130339
Blast gen4/gen5 & BlastElite Full Glare Shield, Gray Finish	120-000185-16	912400133531
Blast gen4/gen5 & BlastElite Full Glare Shield, White Finish	120-000185-02	912400130338
Blast gen4/gen5 & BlastElite Half Glare Shield, Black Finish	120-000185-14	912400130350
Blast gen4/gen5 & BlastElite Half Glare Shield, Gray Finish	120-000185-19	912400133534
Blast gen4/gen5 & BlastElite Half Glare Shield, White Finish	120-000185-13	912400130349
Blast gen4/gen5 & BlastElite Rock Guard, Black Finish	120-000185-07	912400130343
Blast gen4/gen5 & BlastElite Rock Guard, Gray Finish	120-000185-18	912400133533
Blast gen4/gen5 & BlastElite Rock Guard, White Finish	120-000185-06	912400130342
Blast gen4/gen5 & BlastElite Spread Lens, 10° x 40°	120-000185-12	912400130348
Blast gen4/gen5 & BlastElite Spread Lens, 20°	120-000185-08	912400130344
Blast gen4/gen5 & BlastElite Spread Lens, 40°	120-000185-09	912400130345
Blast gen4/gen5 & BlastElite Spread Lens, 60°	120-000185-10	912400130346
Blast gen4/gen5 & BlastElite Spread Lens, 80°	120-000185-11	912400130347
Blast gen4/gen5 & BlastElite Trim Ring, Black	120-000185-01	912400130337
Blast gen4/gen5 & BlastElite Trim Ring, Gray	120-000185-15	912400133530
Blast gen4/gen5 & BlastElite Trim Ring, White	120-000185-00	912400130336
Wiring Compartment, 4 in Diameter, Black Housing (CE)	106-000011-40	910503703275
Wiring Compartment, 4 in Diameter, Silver/Gray Housing (CE)	106-000011-42	910503703277
Wiring Compartment, 4 in Diameter, White Housing (CE)	106-000011-41	910503703276
Wiring Compartment, 4 in Diameter, Black Housing (UL/cUL)	106-000011-30	910503704147
Wiring Compartment, 4 in Diameter, Silver/Gray Housing (UL/cUL)	106-000011-32	910503704149
Wiring Compartment, 4 in Diameter, White Housing (UL/cUL)	106-000011-31	910503704148

Power/Data Supplies

Data Enabler Pro gen3, 3/4 in / 1/2 in NPT (U.S. trade size conduit) 100 to 277 VAC, UL	106-000004-04	912400138114
Data Enabler Pro gen3, M25 / M20 (metric size conduit) 100 to 240 VAC, CE	106-000004-05	912400138115

Special orders, including custom accessory colors are available. Please contact your Color Kinetics lighting sales rep. for custom configurations.

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