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Blast Powercore gen5, RGBW

Exterior versatile and customizable luminaire with intelligent RGBW light

Blast Powercore gen5 high-performance LED luminaires combine white and rich, saturated, color and color-changing effects with simplified installation. Blast Powercore gen5 offers a range of accessories that allow customizable beam angles for floodlighting, spotlighting, wall washing, and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminium housing.

Toggle view





Product Summary and Specification Sheets

[Download Product Summary](#)

Beam Angles	10° (Native), 20°, 40°, 60°, 80°, 10° x 40°	Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro
Lumens All Channels Full On	1,733 to 2,547	Power Consumption	46.4 W
Efficacy (lm/W) All Channels Full On	36.7 to 54.0	Weight	3.9 kg (8.2 lb)
LED Channels	Red/Green/Blue/White	Housing Material	Die-cast aluminium, powder-coated finish
Applications	Flood Lighting, Spot Lighting, Wall Washing	Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, RCM
Warranty	Limited 5 year warranty	Technologies	Chromacore Chromasync Optibin Powercore
		Environment	Dry/Damp/Wet Location, IP66

Luminaire Specification Sheets

In addition to the standard Blast luminaires shown below numerous custom configurations are available. These include single color LEDs, single white CCTs with CRI up to 90, and custom LED mixes, a full range of RAL housing colors (with matching accessories), internal and external diffusers, and custom leader cable lengths. Please contact your [Color Kinetics Lighting sales rep.](#)

Specification Sheet	Item Number	Item Number 2	12NC	12NC 2	Availability
100 – 277 VAC, 10° Native (no spread lens), White Housing, UL/CE/CQC	423-000027-00		912400137697		Ships within 48 hours in US
100 – 277 VAC, 20° Spread Lens, White Housing, UL/CE/CQC	423-000027-00	120-000185-08	912400137697	912400130344	
100 – 277 VAC, 40° Spread Lens, White Housing, UL/CE/CQC	423-000027-00	120-000185-09	912400137697	912400130345	
100 – 277 VAC, 60° Spread Lens, White Housing, UL/CE/CQC	423-000027-00	120-000185-10	912400137697	912400130346	
100 – 277 VAC, 80° Spread Lens, White Housing, UL/CE/CQC	423-000027-00	120-000185-11	912400137697	912400130347	

UL/CE/CQC					
100 – 277 VAC, 10° x 40° Asymmetric Spread Lens, White Housing, UL/CE/CQC	423-000027-00	120-000185-12	912400137697	912400130348	
100 – 277 VAC, 10° Native (no spread lens), Black Housing, UL/CE/CQC	423-000027-01		912400137698		Ships within 48 hours in US
100 – 277 VAC, 20° Spread Lens, Black Housing, UL/CE/CQC	423-000027-01	120-000185-08	912400137698	912400130344	
100 – 277 VAC, 40° Spread Lens, Black Housing, UL/CE/CQC	423-000027-01	120-000185-09	912400137698	912400130345	
100 – 277 VAC, 60° Spread Lens, Black Housing, UL/CE/CQC	423-000027-01	120-000185-10	912400137698	912400130346	
100 – 277 VAC, 80° Spread Lens, Black Housing, UL/CE/CQC	423-000027-01	120-000185-11	912400137698	912400130347	
100 – 277 VAC, 10° x 40° Asymmetric Spread Lens, Black Housing, UL/CE/CQC	423-000027-01	120-000185-12	912400137698	912400130348	
100 – 277 VAC, 10° Native (no spread lens), Gray Housing, UL/CE/CQC	423-000027-04		912400137699		
100 – 277 VAC, 20° Spread Lens, Gray Housing, UL/CE/CQC	423-000027-04	120-000185-08	912400137699	912400130344	
100 – 277 VAC, 40° Spread Lens, Gray Housing, UL/CE/CQC	423-000027-04	120-000185-09	912400137699	912400130345	
100 – 277 VAC, 60° Spread Lens, Gray Housing, UL/CE/CQC	423-000027-04	120-000185-10	912400137699	912400130346	
100 – 277 VAC, 80° Spread Lens, Gray Housing, UL/CE/CQC	423-000027-04	120-000185-11	912400137699	912400130347	
100 – 277 VAC, 10° x 40° Asymmetric Spread Lens, Gray Housing, UL/CE/CQC	423-000027-04	120-000185-12	912400137699	912400130348	

* Trim Ring required for mounting spread lens. Must be ordered separately.

Easy Accessory options

Choose from a full line of field-installed accessories, from spread lenses, louvers, full and half glare shields, rock guards, mounting arms, and wiring compartments for all Blast luminaires. Color Kinetics high-quality accessories make project customization simple. And these optional secondary accessories—combined with precise (and simple) aiming—let you get the look and performance necessary for any project.





Accessory Specification Sheets

PDF Download	Item Number	12NC	Availability
Data Enabler Pro, 3/4 in / 1/2 in NPT (US trade size conduit), UL	106-000004-00	910503701210	Ships within 48 hours in US
Data Enabler Pro, PG21/PG13 (metric size conduit), 100-277 VAC	106-000004-01	910503701211	
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	

Downloads

Documentation			
Product Guide	Product Summary	<ul style="list-style-type: none"> Blast Powercore Accessories, Installation Instructions ColorBlast Powercore gen4/gen5 Installation Instructions Mounting Arm Accessory Installation Instructions 	QuickPlay Pro 2 Commissioning Guide <ul style="list-style-type: none"> Color Kinetics Installation Checklist Config Calc - Run length and power calculation tool IP ratings for LED Lighting Systems LED mix descriptions Thermal protection and Color Kinetics luminaires Understanding Corrosion Resistance Understanding Surge Protection For LED Lighting Systems

IES Files	Full On
Blast Powercore gen5, RGBW 10° Native (no spread lens)	10° native (no spread lens)
Blast Powercore gen5, RGBW 10° x 40° Asymmetric Spread Lens	10° x 40° asymmetric spread lens
Blast Powercore gen5, RGBW 20° Spread Lens	20° spread lens

Blast Powercore gen5, RGBW 40° Spread Lens	40° spread lens
Blast Powercore gen5, RGBW 60° Spread Lens	60° spread lens
Blast Powercore gen5, RGBW 80° Spread Lens	80° spread lens

Wiring Diagrams

	PDF
Blast Powercore : Data Enabler Pro : Antumbra iColor Keypad	PDF
Blast Powercore : Data Enabler Pro : ColorDial Pro	PDF
Blast Powercore : Data Enabler Pro : iPlayer 3	PDF
Blast Powercore : Data Enabler Pro : iPlayer 4	PDF

Revit Files

Blast Powercore gen5, RGBW Revit File

Drawings

	PDF
Blast gen4/gen5 Luminaire and Accessories - Full Set	PDF

Features

- Expands customization with a wide range of new accessory options. 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. Three housing color choices (black, gray, and white) – plus the option to add or combine a louver, rock guard, full glare shield, and half glare shield – create new aesthetic possibilities for designers and architects.
- Meets ASTM B117 standard for > 1,500 hours of corrosion resistance and ANSI C136.31-2010 standard with a 3G vibration rating.
- Improves durability with new flat lens that prevents water from pooling into the luminaire, keeping the LEDs protected and secure over the course of a luminaire's lifetime.
- Universal power input range of 100 to 277 VAC.
- Works seamlessly with the complete Color Kinetics line of controllers, including ColorDial Pro, iPlayer 3, and Light System Manager – as well as third-party controllers.
- Improves color consistency between all LED luminaires in a family with Chromasync technology. During the manufacturing process a calibrated light measurement device creates an algorithm to define a common color gamut for an entire family of LED luminaires. When Chromasync is enabled, color consistency between luminaires is achieved without having to manually adjust color points on each luminaire.
- Features an innovative optical system that improves the quality of light from each LED, enhancing the color uniformity and color mixing capabilities of each Blast Powercore gen5 luminaire.
- Integrates patented Powercore technology that controls power output to luminaires directly from line voltage – rapidly, efficiently, and accurately. The Color Kinetics Data Enabler Pro merges line voltage with control data and delivers them to luminaires over a single standard cable, dramatically simplifying installation and lowering total system cost.

Related Products



Blast Powercore gen5, IntelliHue



Related cases



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How can we help you?
