

ColorBlast Powercore gen4, RGBW

Date: _____
 Type: _____
 Firm Name: _____
 Project: _____

Customizable exterior LED flood luminaire with intelligent color light

ColorBlast Powercore gen4 high-performance LED luminaires combine white and rich, saturated, color and color-changing effects with simplified installation. ColorBlast Powercore gen4 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.

- 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.
- 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.



[Product page](#)

Beam Angle	10°, 20°, 40°, 60°, 80°, 10° x 40°
Lumens All Channels Full On*	1,772 to 2,162
Efficacy (lm/W) All Channels Full On	34.5 to 44.9
LED Channels	Red/Green/Blue/White

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro
Power Consumption	50 W
Weight	3.9 kg (8.2 lb)
Housing Material	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, RCM
Environment	Dry/Damp/Wet Location, IP66
Applications	Flood Lighting, Spot Lighting, Wall Washing

Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
RGBW, 100 – 277 VAC, 10° Native (no spread lens), Black Housing, UL/CE/CQC	10°	2,162	44.9	423-000012-01	912400130376		
RGBW, 100 – 277 VAC, 10° Native (no spread lens), Gray Housing, UL/CE/CQC	10°	2,162	44.9	423-000012-04	912400133547		
RGBW, 100 – 277 VAC, 10° Native (no spread lens), White Housing, UL/CE/CQC	10°	2,162	44.9	423-000012-00	912400130375		
RGBW, 100 – 277 VAC, 20° Spread Lens, Black Housing, UL/CE/CQC	20°	1,846	35.1	423-000012-01	912400130376	120-000185-08	912400130344
RGBW, 100 – 277 VAC, 20° Spread Lens, Gray Housing, UL/CE/CQC	20°	1,846	35.1	423-000012-04	912400133547	120-000185-08	912400130344
RGBW, 100 – 277 VAC, 20° Spread Lens, White Housing, UL/CE/CQC	20°	1,846	35.1	423-000012-00	912400130375	120-000185-08	912400130344
RGBW, 100 – 277 VAC, 40° Spread Lens, Black Housing, UL/CE/CQC	40°	1,819	35.1	423-000012-01	912400130376	120-000185-09	912400130345
RGBW, 100 – 277 VAC, 40° Spread Lens, Gray Housing, UL/CE/CQC	40°	1,819	35.1	423-000012-04	912400133547	120-000185-09	912400130345

Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
RGBW, 100 – 277 VAC, 40° Spread Lens, White Housing, UL/CE/CQC	40°	1,819	35.1	423-000012-00	912400130375	120-000185-09	912400130345
RGBW, 100 – 277 VAC, 60° Spread Lens, Black Housing, UL/CE/CQC	60°	1,791	34.9	423-000012-01	912400130376	120-000185-10	912400130346
RGBW, 100 – 277 VAC, 60° Spread Lens, Gray Housing, UL/CE/CQC	60°	1,791	34.9	423-000012-04	912400133547	120-000185-10	912400130346
RGBW, 100 – 277 VAC, 60° Spread Lens, White Housing, UL/CE/CQC	60°	1,791	34.9	423-000012-00	912400130375	120-000185-10	912400130346
RGBW, 100 – 277 VAC, 80° Spread Lens, Black Housing, UL/CE/CQC	80°	1,772	34.5	423-000012-01	912400130376	120-000185-11	912400130347
RGBW, 100 – 277 VAC, 80° Spread Lens, Gray Housing, UL/CE/CQC	80°	1,772	34.5	423-000012-04	912400133547	120-000185-11	912400130347
RGBW, 100 – 277 VAC, 80° Spread Lens, White Housing, UL/CE/CQC	80°	1,772	34.5	423-000012-00	912400130375	120-000185-11	912400130347
RGBW, 100 – 277 VAC, 10° x 40° Asymmetric Spread Lens, Black Housing, UL/CE/CQC	10° x 40°	1,963	37.2	423-000012-01	912400130376	120-000185-12	912400130348
RGBW, 100 – 277 VAC, 10° x 40° Asymmetric Spread Lens, Gray Housing, UL/CE/CQC	10° x 40°	1,963	37.2	423-000012-04	912400133547	120-000185-12	912400130348
RGBW, 100 – 277 VAC, 10° x 40° Asymmetric Spread Lens, White Housing, UL/CE/CQC	10° x 40°	1,963	37.2	423-000012-00	912400130375	120-000185-12	912400130348

* Lumen output measurements comply with IES LM-79-08 testing procedures.

