

eW Blast Powercore gen4

Customizable exterior LED wash luminaire with solid white light

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

eW Blast Powercore gen4 high-performance LED luminaires provide a high-intensity wash of white light with simplified installation. eW Blast Powercore gen4 offers a range of accessories that allow for 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 6° 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..
- ELV dimming versions of eColor Blast gen4 luminaires are available as custom configurations.



[Product page](#)

Beam Angle	6°, 20°, 40°, 60°, 80°, 10° x 40°
Lumens*	2,687 to 3,213
Efficacy	55.4 to 67.4
CRI	81 to 84
Color Temperature [§]	2700 K, 3000 K, 3500 K, 4000 K
Applications	Flood Lighting, Spot Lighting, Wall Washing

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz
Power Consumption	50 W
Weight	3.9 kg (8.2 lb)
Housing Material	Die-cast aluminium, white powder-coated finish
Approbations	UL/cUL, FCC Class B, CE, PSE, CQC, RCM, EAC, UA
Environment	Dry/Damp/Wet Location, IP66

2700 K Specification Sheets

PDF Download	Item Number	12 NC	Spread Lens	Spread Lens 12NC
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	523-000100-00	912400134975	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 20° spread lens, White housing	523-000100-00	912400134975	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 40° spread lens, White housing	523-000100-00	912400134975	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 60° spread lens, White housing	523-000100-00	912400134975	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 6° Native (no spread lens), White housing	523-000100-00	912400134975		
2700 K, 100 – 277 VAC, 80° spread lens, White housing	523-000100-00	912400134975	120-000185-11	912400130347
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	523-000100-01	912400134973	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 20° spread lens, Black housing	523-000100-01	912400134973	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 40° spread lens, Black housing	523-000100-01	912400134973	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 60° spread lens, Black housing	523-000100-01	912400134973	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing	523-000100-01	912400134973		
2700 K, 100 – 277 VAC, 80° spread lens, Black housing	523-000100-01	912400134973	120-000185-11	912400130347
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	523-000100-08	912400134977	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 20° spread lens, Gray housing	523-000100-08	912400134977	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 40° spread lens, Gray housing	523-000100-08	912400134977	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 60° spread lens, Gray housing	523-000100-08	912400134977	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing	523-000100-08	912400134977		
2700 K, 100 – 277 VAC, 80° spread lens, Gray housing	523-000100-08	912400134977	120-000185-11	912400130347

2700 K Specification Sheets

PDF Download	Item Number	12 NC	Spread Lens	Spread Lens 12NC
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing, BIS	523-000100-36	912400137305	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 20° spread lens, White housing, BIS	523-000100-36	912400137305	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 40° spread lens, White housing, BIS	523-000100-36	912400137305	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 60° spread lens, White housing, BIS	523-000100-36	912400137305	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 6° Native (no spread lens), White housing, BIS	523-000100-36	912400137305		
2700 K, 100 – 277 VAC, 80° spread lens, White housing, BIS	523-000100-36	912400137305	120-000185-11	912400130347
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing, BIS	523-000100-37	912400137306	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 20° spread lens, Black housing, BIS	523-000100-37	912400137306	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 40° spread lens, Black housing, BIS	523-000100-37	912400137306	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 60° spread lens, Black housing, BIS	523-000100-37	912400137306	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing, BIS	523-000100-37	912400137306		
2700 K, 100 – 277 VAC, 80° spread lens, Black housing, BIS	523-000100-37	912400137306	120-000185-11	912400130347
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing, BIS	523-000100-38	912400137307	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 20° spread lens, Gray housing, BIS	523-000100-38	912400137307	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 40° spread lens, Gray housing, BIS	523-000100-38	912400137307	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 60° spread lens, Gray housing, BIS	523-000100-38	912400137307	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing, BIS	523-000100-38	912400137307		
2700 K, 100 – 277 VAC, 80° spread lens, Gray housing, BIS	523-000100-38	912400137307	120-000185-11	912400130347

3000 K Specification Sheets

PDF Download	Lumens	Item Number	12 NC	Spread Lens	Spread Lens 12NC
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	2,917	523-000100-24	912400135496	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 20° spread lens, White housing	2,747	523-000100-24	912400135496	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 40° spread lens, White housing	2,728	523-000100-24	912400135496	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 60° spread lens, White housing	2,723	523-000100-24	912400135496	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 6° Native (no spread lens), White housing	3,213	523-000100-24	912400135496		
3000 K, 100 – 277 VAC, 80° spread lens, White housing	2,701	523-000100-24	912400135496	120-000185-11	912400130347
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	2,917	523-000100-25	912400135497	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 20° spread lens, Black housing	2,747	523-000100-25	912400135497	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 40° spread lens, Black housing	2,728	523-000100-25	912400135497	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 60° spread lens, Black housing	2,723	523-000100-25	912400135497	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing	3,213	523-000100-25	912400135497		
3000 K, 100 – 277 VAC, 80° spread lens, Black housing	2,701	523-000100-25	912400135497	120-000185-11	912400130347
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	2,917	523-000100-26	912400135498	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 20° spread lens, Gray housing	2,747	523-000100-26	912400135498	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 40° spread lens, Gray housing	2,728	523-000100-26	912400135498	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 60° spread lens, Gray housing	2,723	523-000100-26	912400135498	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing	3,213	523-000100-26	912400135498		
3000 K, 100 – 277 VAC, 80° spread lens, Gray housing	2,701	523-000100-26	912400135498	120-000185-11	912400130347
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing, BIS	2,917	523-000100-39	912400137308	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 20° spread lens, White housing, BIS	2,747	523-000100-39	912400137308	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 40° spread lens, White housing, BIS	2,728	523-000100-39	912400137308	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 60° spread lens, White housing, BIS	2,723	523-000100-39	912400137308	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 6° Native (no spread lens), White housing, BIS	3,213	523-000100-39	912400137308		
3000 K, 100 – 277 VAC, 80° spread lens, White housing, BIS	2,701	523-000100-39	912400137308	120-000185-11	912400130347
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing, BIS	2,917	523-000100-40	912400137309	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 20° spread lens, Black housing, BIS	2,747	523-000100-40	912400137309	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 40° spread lens, Black housing, BIS	2,728	523-000100-40	912400137309	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 60° spread lens, Black housing, BIS	2,723	523-000100-40	912400137309	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing, BIS	3,213	523-000100-40	912400137309		
3000 K, 100 – 277 VAC, 80° spread lens, Black housing, BIS	2,701	523-000100-40	912400137309	120-000185-11	912400130347

3000 K Specification Sheets

PDF Download	Lumens	Item Number	12 NC	Spread Lens	Spread Lens 12NC
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing, BIS	2,917	523-000100-41	912400137310	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 20° spread lens, Gray housing, BIS	2,747	523-000100-41	912400137310	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 40° spread lens, Gray housing, BIS	2,728	523-000100-41	912400137310	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 60° spread lens, Gray housing, BIS	2,723	523-000100-41	912400137310	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing, BIS	3,213	523-000100-41	912400137310		
3000 K, 100 – 277 VAC, 80° spread lens, Gray housing, BIS	2,701	523-000100-41	912400137310	120-000185-11	912400130347

3500 K Specification Sheets

PDF Download	Item Number	12 NC	Spread Lens	Spread Lens 12NC
3500 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing	523-000100-31	912400135504		
3500 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing	523-000100-32	912400135505		
3500 K, 100 – 277 VAC, 6° Native (no spread lens), White housing	523-000100-30	912400135503		
3500 K, 100 – 277 VAC, 20° spread lens, Black housing	523-000100-31	912400135504	120-000185-08	912400130344
3500 K, 100 – 277 VAC, 20° spread lens, Gray housing	523-000100-32	912400135505	120-000185-08	912400130344
3500 K, 100 – 277 VAC, 20° spread lens, White housing	523-000100-30	912400135503	120-000185-08	912400130344
3500 K, 100 – 277 VAC, 40° spread lens, Black housing	523-000100-31	912400135504	120-000185-09	912400130345
3500 K, 100 – 277 VAC, 40° spread lens, Gray housing	523-000100-32	912400135505	120-000185-09	912400130345
3500 K, 100 – 277 VAC, 40° spread lens, White housing	523-000100-30	912400135503	120-000185-09	912400130345
3500 K, 100 – 277 VAC, 60° spread lens, Black housing	523-000100-31	912400135504	120-000185-10	912400130346
3500 K, 100 – 277 VAC, 60° spread lens, Gray housing	523-000100-32	912400135505	120-000185-10	912400130346
3500 K, 100 – 277 VAC, 60° spread lens, White housing	523-000100-30	912400135503	120-000185-10	912400130346
3500 K, 100 – 277 VAC, 80° spread lens, Black housing	523-000100-31	912400135504	120-000185-11	912400130347
3500 K, 100 – 277 VAC, 80° spread lens, Gray housing	523-000100-32	912400135505	120-000185-11	912400130347
3500 K, 100 – 277 VAC, 80° spread lens, White housing	523-000100-30	912400135503	120-000185-11	912400130347
3500 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	523-000100-31	912400135504	120-000185-12	912400130348
3500 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	523-000100-32	912400135505	120-000185-12	912400130348
3500 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	523-000100-30	912400135503	120-000185-12	912400130348

4000 K Specification Sheets

PDF Download	Lumens	Item Number	12 NC	Spread Lens	Spread Lens 12NC
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	2,894	523-000100-04	912400134981	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 20° spread lens, White housing	2,726	523-000100-04	912400134981	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 40° spread lens, White housing	2,707	523-000100-04	912400134981	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 60° spread lens, White housing	2,713	523-000100-04	912400134981	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 6° Native (no spread lens), White housing	3,189	523-000100-04	912400134981		
4000 K, 100 – 277 VAC, 80° spread lens, White housing	2,687	523-000100-04	912400134981	120-000185-11	912400130347
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	2,894	523-000100-05	912400134979	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 20° spread lens, Black housing	2,726	523-000100-05	912400134979	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 40° spread lens, Black housing	2,707	523-000100-05	912400134979	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 60° spread lens, Black housing	2,713	523-000100-05	912400134979	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing	3,189	523-000100-05	912400134979		
4000 K, 100 – 277 VAC, 80° spread lens, Black housing	2,687	523-000100-05	912400134979	120-000185-11	912400130347
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	2,894	523-000100-09	912400134983	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 20° spread lens, Gray housing	2,726	523-000100-09	912400134983	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 40° spread lens, Gray housing	2,707	523-000100-09	912400134983	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 60° spread lens, Gray housing	2,713	523-000100-09	912400134983	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing	3,189	523-000100-09	912400134983		
4000 K, 100 – 277 VAC, 80° spread lens, Gray housing	2,687	523-000100-09	912400134983	120-000185-11	912400130347

4000 K Specification Sheets

PDF Download	Lumens	Item Number	I2 NC	Spread Lens	Spread Lens I2NC
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing, BIS	2,894	523-000100-42	912400137311	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 20° spread lens, White housing, BIS	2,726	523-000100-42	912400137311	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 40° spread lens, White housing, BIS	2,707	523-000100-42	912400137311	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 60° spread lens, White housing, BIS	2,713	523-000100-42	912400137311	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 6° Native (no spread lens), White housing, BIS	3,189	523-000100-42	912400137311		
4000 K, 100 – 277 VAC, 80° spread lens, White housing, BIS	2,687	523-000100-42	912400137311	120-000185-11	912400130347
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing, BIS	2,894	523-000100-43	912400137312	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 20° spread lens, Black housing, BIS	2,726	523-000100-43	912400137312	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 40° spread lens, Black housing, BIS	2,707	523-000100-43	912400137312	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 60° spread lens, Black housing, BIS	2,713	523-000100-43	912400137312	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing, BIS	3,189	523-000100-43	912400137312		
4000 K, 100 – 277 VAC, 80° spread lens, Black housing, BIS	2,687	523-000100-43	912400137312	120-000185-11	912400130347
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing, BIS	2,894	523-000100-44	912400137313	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 20° spread lens, Gray housing, BIS	2,726	523-000100-44	912400137313	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 40° spread lens, Gray housing, BIS	2,707	523-000100-44	912400137313	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 60° spread lens, Gray housing, BIS	2,713	523-000100-44	912400137313	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing, BIS	3,189	523-000100-44	912400137313		
4000 K, 100 – 277 VAC, 80° spread lens, Gray housing, BIS	2,687	523-000100-44	912400137313	120-000185-11	912400130347

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

§ Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.

‡ CRI refers to CRI Ra value, CRI R9 refers to R9 value in accordance with IESNA LM-79 standards.