

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 ⁵	2700 K, 3000 K, 3500 K, 4000 K

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
Applications	Flood Lighting, Spot Lighting, Wall Washing

2700 K Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
2700 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing	6°	523-000100-01	912400134973		
2700 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing	6°	523-000100-08	912400134977		
2700 K, 100 – 277 VAC, 6° Native (no spread lens), White housing	6°	523-000100-00	912400134975		
2700 K, 100 – 277 VAC, 20° spread lens, Black housing	20°	523-000100-01	912400134973	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 20° spread lens, Gray housing	20°	523-000100-08	912400134977	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 20° spread lens, White housing	20°	523-000100-00	912400134975	120-000185-08	912400130344
2700 K, 100 – 277 VAC, 40° spread lens, Black housing	40°	523-000100-01	912400134973	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 40° spread lens, Gray housing	40°	523-000100-08	912400134977	120-000185-09	912400130345

For help estimating the light output and distribution of lighting luminaires, please contact Color Kinetics Applications Engineering Services at <http://www.lighting.philips.com/support/connect/contact-us>.



2700 K Specification Sheets (cont.)

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
2700 K, 100 – 277 VAC, 40° spread lens, White housing	40°	523-000100-00	912400134975	120-000185-09	912400130345
2700 K, 100 – 277 VAC, 60° spread lens, Black housing	60°	523-000100-01	912400134973	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 60° spread lens, Gray housing	60°	523-000100-08	912400134977	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 60° spread lens, White housing	60°	523-000100-00	912400134975	120-000185-10	912400130346
2700 K, 100 – 277 VAC, 80° spread lens, Black housing	80°	523-000100-01	912400134973	120-000185-11	912400130347
2700 K, 100 – 277 VAC, 80° spread lens, Gray housing	80°	523-000100-08	912400134977	120-000185-11	912400130347
2700 K, 100 – 277 VAC, 80° spread lens, White housing	80°	523-000100-00	912400134975	120-000185-11	912400130347
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	10° x 40°	523-000100-01	912400134973	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	10° x 40°	523-000100-08	912400134977	120-000185-12	912400130348
2700 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	10° x 40°	523-000100-00	912400134975	120-000185-12	912400130348

3000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
3000 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing	6°	3,213	67.4	523-000100-25	912400135497		
3000 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing	6°	3,213	67.4	523-000100-26	912400135498		
3000 K, 100 – 277 VAC, 6° Native (no spread lens), White housing	6°	3,213	67.4	523-000100-24	912400135496		
3000 K, 100 – 277 VAC, 20° spread lens, Black housing	20°	2,747	57.6	523-000100-25	912400135497	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 20° spread lens, Gray housing	20°	2,747	57.6	523-000100-26	912400135498	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 20° spread lens, White housing	20°	2,747	57.6	523-000100-24	912400135496	120-000185-08	912400130344
3000 K, 100 – 277 VAC, 40° spread lens, Black housing	40°	2,728	57.2	523-000100-25	912400135497	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 40° spread lens, Gray housing	40°	2,728	57.2	523-000100-26	912400135498	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 40° spread lens, White housing	40°	2,728	57.2	523-000100-24	912400135496	120-000185-09	912400130345
3000 K, 100 – 277 VAC, 60° spread lens, Black housing	60°	2,723	57.1	523-000100-25	912400135497	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 60° spread lens, Gray housing	60°	2,723	57.1	523-000100-26	912400135498	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 60° spread lens, White housing	60°	2,723	57.1	523-000100-24	912400135496	120-000185-10	912400130346
3000 K, 100 – 277 VAC, 80° spread lens, Black housing	80°	2,701	56.6	523-000100-25	912400135497	120-000185-11	912400130347
3000 K, 100 – 277 VAC, 80° spread lens, Gray housing	80°	2,701	56.6	523-000100-26	912400135498	120-000185-11	912400130347
3000 K, 100 – 277 VAC, 80° spread lens, White housing	80°	2,701	56.6	523-000100-24	912400135496	120-000185-11	912400130347
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	10° x 40°	2,917	61.2	523-000100-25	912400135497	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	10° x 40°	2,917	61.2	523-000100-26	912400135498	120-000185-12	912400130348
3000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	10° x 40°	2,917	61.2	523-000100-24	912400135496	120-000185-12	912400130348

3500 K Specification Sheets

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

3500 K Specification Sheets (cont.)

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
3500 K, 100 – 277 VAC, 40° spread lens, White housing	40°	523-000100-30	912400135503	120-000185-09	912400130345
3500 K, 100 – 277 VAC, 60° spread lens, Black housing	60°	523-000100-31	912400135504	120-000185-10	912400130346
3500 K, 100 – 277 VAC, 60° spread lens, Gray housing	60°	523-000100-32	912400135505	120-000185-10	912400130346
3500 K, 100 – 277 VAC, 60° spread lens, White housing	60°	523-000100-30	912400135503	120-000185-10	912400130346
3500 K, 100 – 277 VAC, 80° spread lens, Black housing	80°	523-000100-31	912400135504	120-000185-11	912400130347
3500 K, 100 – 277 VAC, 80° spread lens, Gray housing	80°	523-000100-32	912400135505	120-000185-11	912400130347
3500 K, 100 – 277 VAC, 80° spread lens, White housing	80°	523-000100-30	912400135503	120-000185-11	912400130347
3500 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	10° x 40°	523-000100-31	912400135504	120-000185-12	912400130348
3500 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	10° x 40°	523-000100-32	912400135505	120-000185-12	912400130348
3500 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	10° x 40°	523-000100-30	912400135503	120-000185-12	912400130348

4000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
4000 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing	6°	3,189	65.8	523-000100-05	912400134979		
4000 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing	6°	3,189	65.8	523-000100-09	912400134983		
4000 K, 100 – 277 VAC, 6° Native (no spread lens), White housing	6°	3,189	65.8	523-000100-04	912400134981		
4000 K, 100 – 277 VAC, 20° spread lens, Black housing	20°	2,726	56.2	523-000100-05	912400134979	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 20° spread lens, Gray housing	20°	2,726	56.2	523-000100-09	912400134983	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 20° spread lens, White housing	20°	2,726	56.2	523-000100-04	912400134981	120-000185-08	912400130344
4000 K, 100 – 277 VAC, 40° spread lens, Black housing	40°	2,707	55.8	523-000100-05	912400134979	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 40° spread lens, Gray housing	40°	2,707	55.8	523-000100-09	912400134983	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 40° spread lens, White housing	40°	2,707	55.8	523-000100-04	912400134981	120-000185-09	912400130345
4000 K, 100 – 277 VAC, 60° spread lens, Black housing	60°	2,713	55.9	523-000100-05	912400134979	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 60° spread lens, Gray housing	60°	2,713	55.9	523-000100-09	912400134983	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 60° spread lens, White housing	60°	2,713	55.9	523-000100-04	912400134981	120-000185-10	912400130346
4000 K, 100 – 277 VAC, 80° spread lens, Black housing	80°	2,687	55.4	523-000100-05	912400134979	120-000185-11	912400130347
4000 K, 100 – 277 VAC, 80° spread lens, Gray housing	80°	2,687	55.4	523-000100-09	912400134983	120-000185-11	912400130347
4000 K, 100 – 277 VAC, 80° spread lens, White housing	80°	2,687	55.4	523-000100-04	912400134981	120-000185-11	912400130347
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Black housing	10° x 40°	2,894	59.7	523-000100-05	912400134979	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, Gray housing	10° x 40°	2,894	59.7	523-000100-09	912400134983	120-000185-12	912400130348
4000 K, 100 – 277 VAC, 10° x 40° asymmetric spread lens, White housing	10° x 40°	2,894	59.7	523-000100-04	912400134981	120-000185-12	912400130348

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

⁵ Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.

