

# eW Graze EC Powercore

Cost-effective linear exterior LED wall grazing luminaires with solid white light

Date: \_\_\_\_\_  
Type: \_\_\_\_\_  
Firm Name: \_\_\_\_\_  
Project: \_\_\_\_\_

eW Graze EC Powercore is a cost-effective high-performance, exterior linear luminaire designed to highlight architectural features ranging from surface textures and molding details to archways and windows. Graze Essential White luminaires offer a single channel of white light. Available in 2700 K, 3000 K, 3500 K, 4000 K, and 5500 K. Multiple luminaire lengths, beam angles, output levels, and power consumption levels support a large range of façade or surface illumination application. Low-profile housing, connectorized cabling, a universal power input range, and direct line voltage operation make Graze luminaires easy to install and operate.

- Tailor light output to specific applications—Available in four standard lengths (1 ft, 2 ft, 3 ft, and 4 ft), four performance levels (MX, QLX, QLX 5W, and EC), and six standard 9° x 9°, 10° x 60°, 15° x 30°, 30° x 60°, 60° x 30°, and 90° x 90° (EC only) beam angles.
- Flexible integration—Graze's ultra-low profile lets it fit discretely into almost any layout, from simple to elaborate.



[Product page](#)

Beam Angle	90° x 90°
Lumens per foot*	178 to 259
Efficacy†	43.2 to 61.2
Color Temperature§	2700 K, 3000 K, 3500 K, 4000 K, 5500 K

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz
Housing Material	Extruded anodized aluminium
Approbations	UL/cUL, FCC Class A, CE, PSE, C-Tick
Environment	Dry/Damp/Wet Location, IP66
Applications	Wall Grazing, Wall Washing

## 2700 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
<a href="#">2700 K, 90° x 90° Beam Angle, 305 mm (1 ft)</a>	90° x 90°	234	44.3	80	5 W	1 kg (2.1 lb)	523-000082-00	910503703154
<a href="#">2700 K, 90° x 90° Beam Angle, 610 mm (2 ft)</a>	90° x 90°	468	44.3	80	10 W	2.1 kg (4.6 lb)	523-000082-03	910503703810
<a href="#">2700 K, 90° x 90° Beam Angle, 914 mm (3 ft)</a>	90° x 90°	702	44.3	80	15 W	3.2 kg (7.1 lb)	523-000082-06	910503703813
<a href="#">2700 K, 90° x 90° Beam Angle, 1219 mm (4 ft)</a>	90° x 90°	936	44.3	80	20 W	4.2 kg (9.3 lb)	523-000082-09	910503703816

## 3000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
<a href="#">3000 K, 90° x 90° Beam Angle, 305 mm (1 ft)</a>	90° x 90°	178	43.2	93	5 W	1 kg (2.1 lb)	523-000082-12	912400135327
<a href="#">3000 K, 90° x 90° Beam Angle, 610 mm (2 ft)</a>	90° x 90°	356	43.2	93	10 W	2.1 kg (4.6 lb)	523-000082-14	912400135329
<a href="#">3000 K, 90° x 90° Beam Angle, 914 mm (3 ft)</a>	90° x 90°	534	43.2	93	15 W	3.2 kg (7.1 lb)	523-000082-16	912400135331
<a href="#">3000 K, 90° x 90° Beam Angle, 1219 mm (4 ft)</a>	90° x 90°	712	43.2	93	20 W	4.2 kg (9.3 lb)	523-000082-18	912400135333

## 3500 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
<a href="#">3500 K, 90° x 90° Beam Angle, 305 mm (1 ft)</a>	90° x 90°	259	61.2	82	5 W	1 kg (2.1 lb)	523-000082-13	912400135328
<a href="#">3500 K, 90° x 90° Beam Angle, 610 mm (2 ft)</a>	90° x 90°	518	61.2	82	10 W	2.1 kg (4.6 lb)	523-000082-15	912400135330
<a href="#">3500 K, 90° x 90° Beam Angle, 914 mm (3 ft)</a>	90° x 90°	777	61.2	82	15 W	3.2 kg (7.1 lb)	523-000082-17	912400135332
<a href="#">3500 K, 90° x 90° Beam Angle, 1219 mm (4 ft)</a>	90° x 90°	1,036	61.2	82	20 W	4.2 kg (9.3 lb)	523-000082-19	912400135334

## 4000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
<a href="#">4000 K, 90° x 90° Beam Angle, 305 mm (1 ft)</a>	90° x 90°	246	45.9	87	5 W	1 kg (2.1 lb)	523-000082-01	910503703808
<a href="#">4000 K, 90° x 90° Beam Angle, 610 mm (2 ft)</a>	90° x 90°	492	45.9	87	10 W	2.1 kg (4.6 lb)	523-000082-04	910503703811
<a href="#">4000 K, 90° x 90° Beam Angle, 914 mm (3 ft)</a>	90° x 90°	738	45.9	87	15 W	3.2 kg (7.1 lb)	523-000082-07	910503703814
<a href="#">4000 K, 90° x 90° Beam Angle, 1219 mm (4 ft)</a>	90° x 90°	984	45.9	87	20 W	4.2 kg (9.3 lb)	523-000082-10	910503703817

## 5500 K Specification Sheets

PDF Download	Beam Angle	Power	Weight	Item Number	12 NC
<a href="#">5500 K, 90° x 90° Beam Angle, 305 mm (1 ft)</a>	90° x 90°	5 W	1 kg (2.1 lb)	523-000082-02	910503703809
<a href="#">5500 K, 90° x 90° Beam Angle, 610 mm (2 ft)</a>	90° x 90°	10 W	2.1 kg (4.6 lb)	523-000082-05	910503703812
<a href="#">5500 K, 90° x 90° Beam Angle, 914 mm (3 ft)</a>	90° x 90°	15 W	3.2 kg (7.1 lb)	523-000082-08	910503703815
<a href="#">5500 K, 90° x 90° Beam Angle, 1219 mm (4 ft)</a>	90° x 90°	20 W	4.2 kg (9.3 lb)	523-000082-11	910503703818

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

\* 305 mm (1 ft) lumen output measurements comply with IES LM-79-08 testing procedures. 610 mm (2 ft), 914 mm (3 ft), and 1219 mm (4 ft) measurements are estimated based on the 305 mm (1 ft) measurements.

† Efficacy measurements are estimated based on the 305 mm (1 ft) measurements.

‡ 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.

