

eW Graze MX Powercore

Premium exterior linear grazing luminaire with single temperature white light

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

eW Graze MX Powercore is a high-performance, exterior linear luminaire that features the most light output in our line of solid white light grazing luminaires. It is 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 applications. 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	9° x 9°, 10° x 60°, 15° x 30°, 30° x 60°, 60° x 30°
Lumens per foot*	888 to 1,088
Efficacy†	61.2 to 73.7
Color Temperature§	2700 K, 3000 K, 3500 K, 4000 K, 5500 K
Applications	Wall Grazing, Wall Washing

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

2700 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
2700 K, 9° x 9° Beam Angle, 305 mm (1 ft)	9° x 9°	908	61.2	82.7	15 W	1 kg (2.1 lb)	523-000080-00	910503703152
2700 K, 9° x 9° Beam Angle, 610 mm (2 ft)	9° x 9°	1817	61.2	82.7	30 W	2.1 kg (4.6 lb)	523-000080-15	910503703703
2700 K, 9° x 9° Beam Angle, 914 mm (3 ft)	9° x 9°	2725	61.2	82.7	45 W	3.2 kg (7.1 lb)	523-000080-30	910503703718
2700 K, 9° x 9° Beam Angle, 1219 mm (4 ft)	9° x 9°	3634	61.2	82.7	60 W	4.2 kg (9.3 lb)	523-000080-45	910503703733
2700 K, 10° x 60° Beam Angle, 305 mm (1 ft)	10° x 60°	899	61.2	82.7	15 W	1 kg (2.1 lb)	523-000080-03	910503703690
2700 K, 10° x 60° Beam Angle, 610 mm (2 ft)	10° x 60°	1798	61.2	82.7	30 W	2.1 kg (4.6 lb)	523-000080-18	910503703706
2700 K, 10° x 60° Beam Angle, 914 mm (3 ft)	10° x 60°	2698	61.2	82.7	45 W	3.2 kg (7.1 lb)	523-000080-33	910503703721
2700 K, 10° x 60° Beam Angle, 1219 mm (4 ft)	10° x 60°	3597	61.2	82.7	60 W	4.2 kg (9.3 lb)	523-000080-48	910503703736



2700 K Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
2700 K, 15° x 30° Beam Angle, 305 mm (1 ft)	15° x 30°	898	61.2	82.7	15 W	1 kg (2.1 lb)	523-000080-06	910503703693
2700 K, 15° x 30° Beam Angle, 610 mm (2 ft)	15° x 30°	1797	61.2	82.7	30 W	2.1 kg (4.6 lb)	523-000080-21	910503703709
2700 K, 15° x 30° Beam Angle, 914 mm (3 ft)	15° x 30°	2695	61.2	82.7	45 W	3.2 kg (7.1 lb)	523-000080-36	910503703724
2700 K, 15° x 30° Beam Angle, 1219 mm (4 ft)	15° x 30°	3593	61.2	82.7	60 W	4.2 kg (9.3 lb)	523-000080-51	910503703739
2700 K, 30° x 60° Beam Angle, 305 mm (1 ft)	30° x 60°	888	61.2	82.7	15 W	1 kg (2.1 lb)	523-000080-09	910503703696
2700 K, 30° x 60° Beam Angle, 610 mm (2 ft)	30° x 60°	1777	61.2	82.7	30 W	2.1 kg (4.6 lb)	523-000080-24	910503703712
2700 K, 30° x 60° Beam Angle, 914 mm (3 ft)	30° x 60°	2665	61.2	82.7	45 W	3.2 kg (7.1 lb)	523-000080-39	910503703727
2700 K, 30° x 60° Beam Angle, 1219 mm (4 ft)	30° x 60°	3553	61.2	82.7	60 W	4.2 kg (9.3 lb)	523-000080-54	910503703742
2700 K, 60° x 30° Beam Angle, 305 mm (1 ft)	60° x 30°	897	61.2	82.7	15 W	1 kg (2.1 lb)	523-000080-12	910503703699
2700 K, 60° x 30° Beam Angle, 610 mm (2 ft)	60° x 30°	1793	61.2	82.7	30 W	2.1 kg (4.6 lb)	523-000080-27	910503703715
2700 K, 60° x 30° Beam Angle, 914 mm (3 ft)	60° x 30°	2690	61.2	82.7	45 W	3.2 kg (7.1 lb)	523-000080-42	910503703730
2700 K, 60° x 30° Beam Angle, 1219 mm (4 ft)	60° x 30°	3587	61.2	82.7	60 W	4.2 kg (9.3 lb)	523-000080-57	910503703745

3000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
3000 K, 9° x 9° Beam Angle, 305 mm (1 ft)	9° x 9°	992	66.4	81.8	15 W	1 kg (2.1 lb)	523-000080-60	912400135113
3000 K, 9° x 9° Beam Angle, 610 mm (2 ft)	9° x 9°	1984	66.4	81.8	30 W	2.1 kg (4.6 lb)	523-000080-65	912400135118
3000 K, 9° x 9° Beam Angle, 914 mm (3 ft)	9° x 9°	2976	66.4	81.8	45 W	3.2 kg (7.1 lb)	523-000080-70	912400135123
3000 K, 9° x 9° Beam Angle, 1220 mm (4 ft)	9° x 9°	3968	66.4	81.8	60 W	4.2 kg (9.3 lb)	523-000080-75	912400135128
3000 K, 10° x 60° Beam Angle, 305 mm (1 ft)	10° x 60°	982	66.4	81.8	15 W	1 kg (2.1 lb)	523-000080-61	912400135114
3000 K, 10° x 60° Beam Angle, 610 mm (2 ft)	10° x 60°	1964	66.4	81.8	30 W	2.1 kg (4.6 lb)	523-000080-66	912400135119
3000 K, 10° x 60° Beam Angle, 914 mm (3 ft)	10° x 60°	2946	66.4	81.8	45 W	3.2 kg (7.1 lb)	523-000080-71	912400135124
3000 K, 10° x 60° Beam Angle, 1220 mm (4 ft)	10° x 60°	3928	66.4	81.8	60 W	4.2 kg (9.3 lb)	523-000080-76	912400135129
3000 K, 15° x 30° Beam Angle, 305 mm (1 ft)	15° x 30°	981	66.4	81.8	15 W	1 kg (2.1 lb)	523-000080-62	912400135115
3000 K, 15° x 30° Beam Angle, 610 mm (2 ft)	15° x 30°	1962	66.4	81.8	30 W	2.1 kg (4.6 lb)	523-000080-67	912400135120
3000 K, 15° x 30° Beam Angle, 914 mm (3 ft)	15° x 30°	2943	66.4	81.8	45 W	3.2 kg (7.1 lb)	523-000080-72	912400135125
3000 K, 15° x 30° Beam Angle, 1220 mm (4 ft)	15° x 30°	3924	66.4	81.8	60 W	4.2 kg (9.3 lb)	523-000080-77	912400135130
3000 K, 30° x 60° Beam Angle, 305 mm (1 ft)	30° x 60°	970	66.4	81.8	15 W	1 kg (2.1 lb)	523-000080-63	912400135116
3000 K, 30° x 60° Beam Angle, 610 mm (2 ft)	30° x 60°	1940	66.4	81.8	30 W	2.1 kg (4.6 lb)	523-000080-68	912400135121
3000 K, 30° x 60° Beam Angle, 914 mm (3 ft)	30° x 60°	2910	66.4	81.8	45 W	3.2 kg (7.1 lb)	523-000080-73	912400135126
3000 K, 30° x 60° Beam Angle, 1220 mm (4 ft)	30° x 60°	3881	66.4	81.8	60 W	4.2 kg (9.3 lb)	523-000080-78	912400135131
3000 K, 60° x 30° Beam Angle, 305 mm (1 ft)	60° x 30°	979	66.4	81.8	15 W	1 kg (2.1 lb)	523-000080-64	912400135117
3000 K, 60° x 30° Beam Angle, 610 mm (2 ft)	60° x 30°	1959	66.4	81.8	30 W	2.1 kg (4.6 lb)	523-000080-69	912400135122
3000 K, 60° x 30° Beam Angle, 914 mm (3 ft)	60° x 30°	2938	66.4	81.8	45 W	3.2 kg (7.1 lb)	523-000080-74	912400135127
3000 K, 60° x 30° Beam Angle, 1220 mm (4 ft)	60° x 30°	3917	66.4	81.8	60 W	4.2 kg (9.3 lb)	523-000080-79	912400135132

3500 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
3500 K, 9° x 9° Beam Angle, 305 mm (1 ft)	9° x 9°	1064	71.6	82	15 W	1 kg (2.1 lb)	523-000080-80	912400135133
3500 K, 9° x 9° Beam Angle, 610 mm (2 ft)	9° x 9°	2128	71.6	82	30 W	2.1 kg (4.6 lb)	523-000080-85	912400135138
3500 K, 9° x 9° Beam Angle, 914 mm (3 ft)	9° x 9°	3191	71.6	82	45 W	3.2 kg (7.1 lb)	523-000080-90	912400135143
3500 K, 9° x 9° Beam Angle, 1220 mm (4 ft)	9° x 9°	4255	71.6	82	60 W	4.2 kg (9.3 lb)	523-000080-95	912400135148
3500 K, 10° x 60° Beam Angle, 305 mm (1 ft)	10° x 60°	1053	71.6	82	15 W	1 kg (2.1 lb)	523-000080-81	912400135134
3500 K, 10° x 60° Beam Angle, 610 mm (2 ft)	10° x 60°	2106	71.6	82	30 W	2.1 kg (4.6 lb)	523-000080-86	912400135139
3500 K, 10° x 60° Beam Angle, 914 mm (3 ft)	10° x 60°	3159	71.6	82	45 W	3.2 kg (7.1 lb)	523-000080-91	912400135144
3500 K, 10° x 60° Beam Angle, 1220 mm (4 ft)	10° x 60°	4212	71.6	82	60 W	4.2 kg (9.3 lb)	523-000080-96	912400135149

3500 K Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
3500 K, 15° x 30° Beam Angle, 305 mm (1 ft)	15° x 30°	1052	71.6	82	15 W	1 kg (2.1 lb)	523-000080-82	912400135135
3500 K, 15° x 30° Beam Angle, 610 mm (2 ft)	15° x 30°	2104	71.6	82	30 W	2.1 kg (4.6 lb)	523-000080-87	912400135140
3500 K, 15° x 30° Beam Angle, 914 mm (3 ft)	15° x 30°	3156	71.6	82	45 W	3.2 kg (7.1 lb)	523-000080-92	912400135145
3500 K, 15° x 30° Beam Angle, 1220 mm (4 ft)	15° x 30°	4208	71.6	82	60 W	4.2 kg (9.3 lb)	523-000080-97	912400135150
3500 K, 30° x 60° Beam Angle, 305 mm (1 ft)	30° x 60°	1040	71.6	82	15 W	1 kg (2.1 lb)	523-000080-83	912400135136
3500 K, 30° x 60° Beam Angle, 610 mm (2 ft)	30° x 60°	2081	71.6	82	30 W	2.1 kg (4.6 lb)	523-000080-88	912400135141
3500 K, 30° x 60° Beam Angle, 914 mm (3 ft)	30° x 60°	3121	71.6	82	45 W	3.2 kg (7.1 lb)	523-000080-93	912400135146
3500 K, 30° x 60° Beam Angle, 1220 mm (4 ft)	30° x 60°	4161	71.6	82	60 W	4.2 kg (9.3 lb)	523-000080-98	912400135151
3500 K, 60° x 30° Beam Angle, 305 mm (1 ft)	60° x 30°	1050	71.6	82	15 W	1 kg (2.1 lb)	523-000080-84	912400135137
3500 K, 60° x 30° Beam Angle, 610 mm (2 ft)	60° x 30°	2100	71.6	82	30 W	2.1 kg (4.6 lb)	523-000080-89	912400135142
3500 K, 60° x 30° Beam Angle, 914 mm (3 ft)	60° x 30°	3150	71.6	82	45 W	3.2 kg (7.1 lb)	523-000080-94	912400135147
3500 K, 60° x 30° Beam Angle, 1220 mm (4 ft)	60° x 30°	4200	71.6	82	60 W	4.2 kg (9.3 lb)	523-000080-99	912400135152

4000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy†	CRI‡	Power	Weight	Item Number	12 NC
4000 K, 9° x 9° Beam Angle, 305 mm (1 ft)	9° x 9°	1088	73.7	81.6	15 W	1 kg (2.1 lb)	523-000080-01	910503703688
4000 K, 9° x 9° Beam Angle, 610 mm (2 ft)	9° x 9°	2176	73.7	81.6	30 W	2.1 kg (4.6 lb)	523-000080-16	910503703704
4000 K, 9° x 9° Beam Angle, 914 mm (3 ft)	9° x 9°	3264	73.7	81.6	45 W	3.2 kg (7.1 lb)	523-000080-31	910503703719
4000 K, 9° x 9° Beam Angle, 1219 mm (4 ft)	9° x 9°	4352	73.7	81.6	60 W	4.2 kg (9.3 lb)	523-000080-46	910503703734
4000 K, 10° x 60° Beam Angle, 305 mm (1 ft)	10° x 60°	1077	72.9	81.6	15 W	1 kg (2.1 lb)	523-000080-04	910503703691
4000 K, 10° x 60° Beam Angle, 610 mm (2 ft)	10° x 60°	2154	72.9	81.6	30 W	2.1 kg (4.6 lb)	523-000080-19	910503703707
4000 K, 10° x 60° Beam Angle, 914 mm (3 ft)	10° x 60°	3231	72.9	81.6	45 W	3.2 kg (7.1 lb)	523-000080-34	910503703722
4000 K, 10° x 60° Beam Angle, 1219 mm (4 ft)	10° x 60°	4308	72.9	81.6	60 W	4.2 kg (9.3 lb)	523-000080-49	910503703737
4000 K, 15° x 30° Beam Angle, 305 mm (1 ft)	15° x 30°	1076	72.5	81.8	15 W	1 kg (2.1 lb)	523-000080-07	910503703694
4000 K, 15° x 30° Beam Angle, 610 mm (2 ft)	15° x 30°	2152	72.5	81.8	30 W	2.1 kg (4.6 lb)	523-000080-22	910503703710
4000 K, 15° x 30° Beam Angle, 914 mm (3 ft)	15° x 30°	3228	72.5	81.8	45 W	3.2 kg (7.1 lb)	523-000080-37	910503703725
4000 K, 15° x 30° Beam Angle, 1219 mm (4 ft)	15° x 30°	4304	72.5	81.8	60 W	4.2 kg (9.3 lb)	523-000080-52	910503703740
4000 K, 30° x 60° Beam Angle, 305 mm (1 ft)	30° x 60°	1064	72.5	81.8	15 W	1 kg (2.1 lb)	523-000080-10	910503703697
4000 K, 30° x 60° Beam Angle, 610 mm (2 ft)	30° x 60°	2128	72.5	81.8	30 W	2.1 kg (4.6 lb)	523-000080-25	910503703713
4000 K, 30° x 60° Beam Angle, 914 mm (3 ft)	30° x 60°	3192	72.5	81.8	45 W	3.2 kg (7.1 lb)	523-000080-40	910503703728
4000 K, 30° x 60° Beam Angle, 1219 mm (4 ft)	30° x 60°	4256	72.5	81.8	60 W	4.2 kg (9.3 lb)	523-000080-55	910503703743
4000 K, 60° x 30° Beam Angle, 305 mm (1 ft)	60° x 30°	1074	72.9	81.6	15 W	1 kg (2.1 lb)	523-000080-13	910503703701
4000 K, 60° x 30° Beam Angle, 610 mm (2 ft)	60° x 30°	2148	72.9	81.6	30 W	2.1 kg (4.6 lb)	523-000080-28	910503703716
4000 K, 60° x 30° Beam Angle, 914 mm (3 ft)	60° x 30°	3222	72.9	81.6	45 W	3.2 kg (7.1 lb)	523-000080-43	910503703731
4000 K, 60° x 30° Beam Angle, 1219 mm (4 ft)	60° x 30°	4296	72.9	81.6	60 W	4.2 kg (9.3 lb)	523-000080-58	910503703746

5500 K Specification Sheets

PDF Download	Beam Angle	Power	Weight	Item Number	12 NC
5500 K, 9° x 9° Beam Angle, 305 mm (1 ft)	9° x 9°	15 W	1 kg (2.1 lb)	523-000080-02	910503703689
5500 K, 9° x 9° Beam Angle, 610 mm (2 ft)	9° x 9°	30 W	2.1 kg (4.6 lb)	523-000080-17	910503703705
5500 K, 9° x 9° Beam Angle, 914 mm (3 ft)	9° x 9°	45 W	3.2 kg (7.1 lb)	523-000080-32	910503703720
5500 K, 9° x 9° Beam Angle, 1219 mm (4 ft)	9° x 9°	60 W	4.2 kg (9.3 lb)	523-000080-47	910503703735
5500 K, 10° x 60° Beam Angle, 305 mm (1 ft)	10° x 60°	15 W	1 kg (2.1 lb)	523-000080-05	910503703692
5500 K, 10° x 60° Beam Angle, 610 mm (2 ft)	10° x 60°	30 W	2.1 kg (4.6 lb)	523-000080-20	910503703708
5500 K, 10° x 60° Beam Angle, 914 mm (3 ft)	10° x 60°	45 W	3.2 kg (7.1 lb)	523-000080-35	910503703723
5500 K, 10° x 60° Beam Angle, 1219 mm (4 ft)	10° x 60°	60 W	4.2 kg (9.3 lb)	523-000080-50	910503703738

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>.

5500 K Specification Sheets (cont.)

PDF Download	Beam Angle	Power	Weight	Item Number	12 NC
5500 K, 15° x 30° Beam Angle, 305 mm (1 ft)	15° x 30°	15 W	1 kg (2.1 lb)	523-000080-08	910503703695
5500 K, 15° x 30° Beam Angle, 610 mm (2 ft)	15° x 30°	30 W	2.1 kg (4.6 lb)	523-000080-23	910503703711
5500 K, 15° x 30° Beam Angle, 914 mm (3 ft)	15° x 30°	45 W	3.2 kg (7.1 lb)	523-000080-38	910503703726
5500 K, 15° x 30° Beam Angle, 1219 mm (4 ft)	15° x 30°	60 W	4.2 kg (9.3 lb)	523-000080-53	910503703741
5500 K, 30° x 60° Beam Angle, 305 mm (1 ft)	30° x 60°	15 W	1 kg (2.1 lb)	523-000080-11	910503703698
5500 K, 30° x 60° Beam Angle, 610 mm (2 ft)	30° x 60°	30 W	2.1 kg (4.6 lb)	523-000080-26	910503703714
5500 K, 30° x 60° Beam Angle, 914 mm (3 ft)	30° x 60°	45 W	3.2 kg (7.1 lb)	523-000080-41	910503703729
5500 K, 30° x 60° Beam Angle, 1219 mm (4 ft)	30° x 60°	60 W	4.2 kg (9.3 lb)	523-000080-56	910503703744
5500 K, 60° x 30° Beam Angle, 305 mm (1 ft)	60° x 30°	15 W	1 kg (2.1 lb)	523-000080-14	910503703702
5500 K, 60° x 30° Beam Angle, 610 mm (2 ft)	60° x 30°	30 W	2.1 kg (4.6 lb)	523-000080-29	910503703717
5500 K, 60° x 30° Beam Angle, 914 mm (3 ft)	60° x 30°	45 W	3.2 kg (7.1 lb)	523-000080-44	910503703732
5500 K, 60° x 30° Beam Angle, 1219 mm (4 ft)	60° x 30°	60 W	4.2 kg (9.3 lb)	523-000080-59	910503703747

* 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.

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

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

¹ CRI refers to CRI Ra value, CRI R9 refers to R9 value in accordance with IESNA LM-79 standards.

