

Philips Color Kinetics

eW Fuse Powercore with Precision Dimming

DMX-dimmable linear interior LED wall grazing luminaire with solid white light


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With narrow and medium beams of intense white light, eW Fuse Powercore is an excellent choice for a full range of surface grazing and wall-washing applications. Its ultra-compact form factor permits installation in tight spaces too small to accommodate conventional grazing luminaires with similar light output. eW Fuse Powercore with Precision Dimming offers precise dimming from 0 to 100% via the full range of DMX and Ethernet lighting controllers. eW Fuse Powercore offers environmentally-conscious buyers a green, energy-efficient grazing luminaire with industry-leading quality and quantity of light.

- Precise dimming control via DMX—Dim luminaires smoothly and accurately from 0% to 100% with the full range of Philips Color Kinetics lighting controllers, including iPlayer 3, and third-party controllers.
- Lower cost than comparable fluorescent grazing luminaires—With long useful life and low-maintenance operation, eW Fuse Powercore meets or exceeds the performance of comparable linear fluorescent grazing luminaires while lowering installation, energy, and maintenance costs.
- High-performance illumination and beam quality—eW Fuse Powercore is available in 305 mm (1 ft) and 1219 mm (4 ft) die-cast aluminium housings with a narrow 10° x 60° or medium 30° x 60° beam angle.

Beam Angle	10° x 60°, 30° x 60°
Lumens per foot	482 to 588
Color Temperature*	2700 K/3000 K/3500 K/4000 K

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Input Voltage	100 to 240 VAC, auto-ranging, 50/60 Hz
Housing	Die-cast aluminium, white powder-coated finish
Approbations	UL/cUL, CE, PSE, C-Tick, CCC, SAA
Environment	Dry/Damp Location, IP20

2700 K Specification Sheets

PDF Download	Beam Angle	Lumens ¹	Efficacy ⁸	CRI	Power	Weight	Item Number	12 NC
2700 K, 10° x 60° beam angle, 305 mm (1 ft)	10° x 60°	482	30.9	82	13 W	0.45 kg (0.98 lb)	523-000076-00	910503702716
2700 K, 10° x 60° beam angle, 1219 mm (4 ft)	10° x 60°	1,928	30.9	82	52 W	1.98 kg (4.37 lb)	523-000076-08	910503702724
2700 K, 30° x 60° beam angle, 305 mm (1 ft)	30° x 60°	492	31.7	81	13 W	0.45 kg (0.98 lb)	523-000076-04	910503702720
2700 K, 30° x 60° beam angle, 1219 mm (4 ft)	30° x 60°	1,968	31.7	81	52 W	1.98 kg (4.37 lb)	523-000076-12	910503702728

3000 K

PDF Download	Beam Angle	Lumens ¹	Efficacy ⁸	CRI	Power	Weight	Item Number	12 NC
3000 K, 10° x 60° beam angle, 305 mm (1 ft)	10° x 60°	556	35.4	83	13 W	0.45 kg (0.98 lb)	523-000076-01	910503702717
3000 K, 10° x 60° beam angle, 1219 mm (4 ft)	10° x 60°	2,224	35.4	83	52 W	1.98 kg (4.37 lb)	523-000076-09	910503702725
3000 K, 30° x 60° beam angle, 305 mm (1 ft)	30° x 60°	548	35.4	83	13 W	0.45 kg (0.98 lb)	523-000076-05	910503702721
3000 K, 30° x 60° beam angle, 1219 mm (4 ft)	30° x 60°	2,192	35.4	83	52 W	1.98 kg (4.37 lb)	523-000076-13	910503702729

3500 K

PDF Download	Beam Angle	Lumens [†]	Efficacy [§]	CRI	Power	Weight	Item Number	12 NC
3500 K, 10° x 60° beam angle, 305 mm (1 ft)	10° x 60°	562	36.3	84	13 W	0.45 kg (0.98 lb)	523-000076-02	910503702718
3500 K, 10° x 60° beam angle, 1219 mm (4 ft)	10° x 60°	2,248	36.3	84	52 W	1.98 kg (4.37 lb)	523-000076-10	910503702726
3500 K, 30° x 60° beam angle, 305 mm (1 ft)	30° x 60°	554	35.5	84	13 W	0.45 kg (0.98 lb)	523-000076-06	910503702722
3500 K, 30° x 60° beam angle, 1219 mm (4 ft)	30° x 60°	2,216	35.5	84	52 W	1.98 kg (4.37 lb)	523-000076-14	910503702730

4000 K

PDF Download	Beam Angle	Lumens [†]	Efficacy [§]	CRI	Power	Weight	Item Number	12 NC
4000 K, 10° x 60° beam angle, 305 mm (1 ft)	10° x 60°	588	37.9	81	13 W	0.45 kg (0.98 lb)	523-000076-03	910503702719
4000 K, 10° x 60° beam angle, 1219 mm (4 ft)	10° x 60°	2,352	37.9	81	52 W	1.98 kg (4.37 lb)	523-000076-11	910503702727
4000 K, 30° x 60° beam angle, 305 mm (1 ft)	30° x 60°	588	37.5	81	13 W	0.45 kg (0.98 lb)	523-000076-07	910503702723
4000 K, 30° x 60° beam angle, 1219 mm (4 ft)	30° x 60°	2,352	37.5	81	52 W	1.98 kg (4.37 lb)	523-000076-15	910503702731

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

† 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.

