

Philips Color Kinetics

## iW Fuse Powercore

Linear interior LED wall grazing luminaire with intelligent white light


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Beam Angle	10° x 60°, 30° x 60°
Lumens per foot	613 to 636
Color Temperature*	2700 K/4000 K/6500 K

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With narrow and medium beams of high-quality intelligent white light, iW Fuse Powercore is an excellent choice for a full range of surface grazing, wall-washing, and accent lighting applications. Its ultra-compact form factor permits installation in tight spaces too small to accommodate conventional grazing luminaires that offer similar levels and distribution of light. With three channels of warm, neutral, and cool LED sources, this compact, versatile luminaire offers a color temperature range of 2700 K to 6500 K. iW Fuse Powercore combines high-intensity, professional-grade light output with the efficiency and cost-effectiveness provided by Powercore technology.

- Superior color consistency—Optibin, a proprietary binning optimization process developed by Philips Color Kinetics, guarantees consistency of hue across LEDs, luminaires, and manufacturing runs.
- High-performance illumination in a wide range of color temperatures—Channels of warm, neutral, and cool white LEDs produce color temperatures ranging from 2700 K to 6500 K, offering the greatest possible light intensity at all color temperatures. Luminaire brightness can be varied while maintaining constant color temperature.
- Integrates Powercore technology—Powercore technology rapidly, efficiently, and accurately controls power output to luminaires directly from line voltage.

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

## Specification Sheets

PDF Download	Beam Angle	Lumens <sup>†</sup>	Efficacy <sup>§</sup>	CRI	Power	Weight	Item Number	12 NC
<a href="#">10° x 60° Beam Angle, 305 mm (1 ft), CCC</a>	10° x 60°	613	38.3	81	12.5 W	0.45 kg (0.98 lb)	523-000066-02	910503701995
<a href="#">10° x 60° Beam Angle, 305 mm (1 ft), UL/cUL/CE</a>	10° x 60°	613	38.3	81	12.5 W	0.45 kg (0.98 lb)	523-000066-00	910503701785
<a href="#">10° x 60° Beam Angle, 1219 mm (4 ft), CCC</a>	10° x 60°	2,455	48.6	82	50 W	1.98 kg (4.37 lb)	523-000066-06	910503703187
<a href="#">10° x 60° Beam Angle, 1219 mm (4 ft), UL/cUL/CE</a>	10° x 60°	2,455	48.6	82	50 W	1.98 kg (4.37 lb)	523-000066-04	910503702515
<a href="#">30° x 60° Beam Angle, 305 mm (1 ft), CCC</a>	30° x 60°	636	38.8	81	12.5 W	0.45 kg (0.98 lb)	523-000066-03	910503701996
<a href="#">30° x 60° Beam Angle, 305 mm (1 ft), UL/cUL/CE</a>	30° x 60°	636	38.8	81	12.5 W	0.45 kg (0.98 lb)	523-000066-01	910503701786
<a href="#">30° x 60° Beam Angle, 1219 mm (4 ft), UL/cUL/CE</a>	30° x 60°	2,427	48.2	82	50 W	1.98 kg (4.37 lb)	523-000066-05	910503702516
<a href="#">30° x 60° Beam Angle, 1219 mm (4 ft), CCC</a>	30° x 60°	2,427	48.2	82	50 W	1.98 kg (4.37 lb)	523-000066-07	910503703188

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

<sup>†</sup> 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.

<sup>§</sup> Efficacy measurements are estimated based on the 305 mm (1 ft) measurements.

