

EvenBalance Essential White Powercore

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

Interior linear OptiField luminaire with single temperature white light

EvenBalance Essential White Powercore is a compact interior linear luminaire that is ideal for washing and grazing applications. OptiField delivers extremely uniform illuminance, providing smooth, even light and subtle shading with reduced setbacks—without hotspots or banding. Two beam spreads: Washing and Grazing, two lengths: 305 mm (1 ft) and 1219 mm (4 ft), and the ability to continuously rotate the luminaire up to 180° enable a high degree of flexibility.



- Uniform illumination—EvenBalance Essential White Powercore delivers a uniformity ratio of less than 3:1 on a 3 m (9 ft) wall with an 0.5 m (1.5 ft) setback.
- Precise control of light—Asymmetric optic design provides precise control of light and delivers more illumination with higher uniformity at a lower power than comparable fluorescent asymmetric reflector solutions.
- Grazing and Washing options—The grazing beam spread of EvenBalance eW Powercore evenly accentuates the surface of a textured wall at a 50 mm (2 in) setback. The washing beam spread is designed to evenly illuminate flat surfaces, such as drywall, with a high illuminance, using a 150 mm to 500 mm (0.5 to 1.5 ft) setback.

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Beam	Grazing and Washing
Lumens per foot*	764 to 927
Color Temperature [§]	3000 K, 4000 K

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz
Weight	0.45 kg (0.98 lb) 305 mm, 1.98 kg (4.37 lb) 1219 mm
Housing Material	Die-cast aluminium, white powder-coated finish
Approbations	UL/cUL, FCC Class B, CE, C-Tick, CCC
Environment	Dry/Damp Location, IP20
Applications	Wall Grazing, Wall Washing

Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy [†]	Power	Item Number	12 NC
3000 K, 305 mm (1 ft), Grazing	Grazing with 50 mm (2 in) setback	927	79.3	12.5 W	523-000099-01	912400134212
3000 K, 1219 mm (4 ft), Grazing	Grazing with 50 mm (2 in) setback	927	79.3	50 W	523-000099-05	912400134216
4000 K, 305 mm (1 ft), Grazing	Grazing with 50 mm (2 in) setback	878	74.3	12.5 W	523-000099-03	912400134214
4000 K, 1219 mm (4 ft), Grazing	Grazing with 50 mm (2 in) setback	878	74.3	50 W	523-000099-07	912400134218
3000 K, 305 mm (1 ft), Washing	Washing with 150 to 500 mm (6 to 18 in) setback	927	79.1	12.5 W	523-000099-09	912400134220
3000 K, 1219 mm (4 ft), Washing	Washing with 150 to 500 mm (6 to 18 in) setback	927	79.1	50 W	523-000099-13	912400134224
4000 K, 305 mm (1 ft), Washing	Washing with 150 to 500 mm (6 to 18 in) setback	881	76.6	12.5 W	523-000099-11	912400134222
4000 K, 1219 mm (4 ft), Washing	Washing with 150 to 500 mm (6 to 18 in) setback	881	76.6	50 W	523-000099-15	912400134226

* 305 mm (1 ft) lumen output measurements comply with IES LM-79-08 testing procedures. 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.