



White

Date: _____ Type: _____

Firm Name: _____

Project: _____

eW Profile Powercore 2700 K

Ultra-low profile, white light LED under cabinet fixture

eW® Profile Powercore is a direct line voltage under cabinet LED fixture for common task lighting and display case applications. Available in 2700 K or 4000 K color temperatures, eW Profile Powercore is suitable for new installations and retrofit upgrades requiring superior illumination quality with dramatic energy savings. Onboard Powercore® digital power processing technology maximizes output efficiency and eliminates the need for external power supplies. Combined with an ultra low profile housing, three fixture lengths, versatile jumper options, and housing colors to match any environment, eW Profile Powercore offers an unprecedented level of contractor-friendly installation.

- Onboard Powercore® technology — eW Profile Powercore fixtures process power input directly from line voltage. Clip or track mounting options and standard line-neutral-ground wiring dramatically simplify installation.
- Industry-leading quality — Long useful source life (55,000 hours at 70% lumen maintenance).
- Exceptional illumination performance — Meets IESNA illumination intensity specifications for optimal usability and safety in task lighting applications.
- Energy cost savings — Consumes just 5.5 watts of energy per fixture and can support a continuous run up to 50 ft (15.2 m) in length.

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	2700 K*, 9.25 in	2700 K*, 19.25 in	2700 K*, 39.25 in
Output	Beam Angle	110° x 110°		
	Lumens†	150	264	524
	Efficacy (lm / W)	25.0	26.4	26.2
	Mixing Distance	2 in (51 mm) to uniform light		
	CRI	71	72	73
	Lumen Maintenance‡	55,000 hours L70 @ 25° C 31,000 hours L70 @ 50° C		
Electrical	Input Voltage	100 / 120 / 220 – 240 VAC, 50 / 60 Hz		
	Power Consumption	5.5 W max. at full output, steady state 6 W peak in-rush	10 W max. at full output, steady state 13 W peak in-rush	20 W max. at full output, steady state 25 W peak in-rush
	Power Factor	.99 @ 120 VAC (19.25 in fixture)		
Control	Dimming	Compatible with many commercially available ELV, trailing edge, or reverse phase control dimmers§		
Physical	Dimensions (Height x Width x Depth)	.88 x 9.25 x 1.7 in (22 x 235 x 43 mm)	.88 x 19.25 x 1.7 in (22 x 489 x 43 mm)	.88 x 39.25 x 1.7 in (22 x 997 x 43 mm)
	Weight	7 oz (198 g)	13 oz (369 g)	1.6 lbs (728 g)
	Housing	Extruded aluminium, polycarbonate, White, Black, or Gray powder-coated finish		
	Lens	Clear polycarbonate		
	Fixture Connections	Integral male / female connectors		
	Temperature Ranges	-4° – 122° F (-20° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage		
	Humidity	0 – 95%, non-condensing		
	Maximum Fixture Run Length	Up to 50 ft (15.3 m) of fixtures on a single circuit, ≤ 324 W		
Certification and Safety	Certification	UL / cUL, FCC Class B, CE		
	Environment	Dry / Damp Location, IP50		

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

† Lumen measurement complies with IES LM-79-08.

‡ L70 = 70% maintenance of lumen output (when light output drops below 70% of initial output). Ambient temperature specified. Refer to www.colorkinetics.com/support/appnotes/lm-80-08.pdf for more information.

§ Refer to www.colorkinetics.com/support/appnotes/ for specific details.



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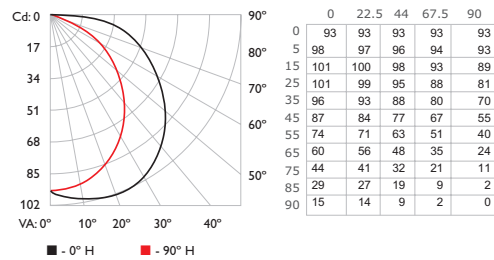
For detailed product information, please refer to eW Profile Powercore Product Guide at www.colorkinetics.com/l/essentialwhite/ewprofile/

PHILIPS

eW Profile Powercore 19.25 in, 2700 K Photometrics

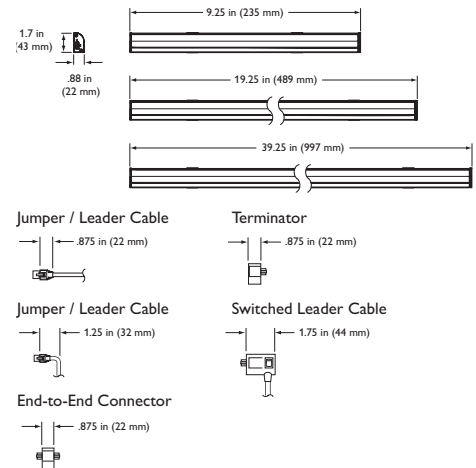
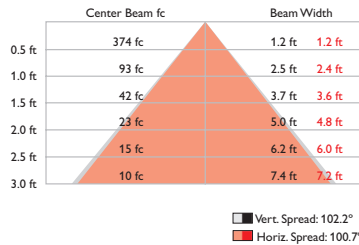
Power Consumption – 10 W, Lumens – 264, Efficacy – 26.4 lm / W

Polar Candela Distribution



For lux multiply fc by 10.7

Illuminance at Distance



For detailed product information, please refer to eW Profile Powercore Product Guide at www.colorkinetics.com/essentialwhite/ewprofile/

Fixtures and Accessories

Item	Housing Color	Temp.	Size	Item Number	Philips 12NC
eW Profile Powercore, 100 VAC	White	2700 K	9.25 in (235 mm) (effective 11 in)	523-000026-18	910503700407
			19.25 in (489 mm) (effective 21 in)	523-000026-19	910503700408
			39.25 in (997 mm) (effective 41 in)	523-000026-20	910503700409
eW Profile Powercore, 120 VAC	White	2700 K	9.25 in (235 mm) (effective 11 in)	523-000027-18	910503700425
			19.25 in (489 mm) (effective 21 in)	523-000027-19	910503700426
			39.25 in (997 mm) (effective 41 in)	523-000027-20	910503700427
eW Profile Powercore, 220 – 240 VAC including Leader Cable and Terminator	White	2700 K	9.25 in (235 mm) (effective 11 in)	523-000028-36	910503700528
			19.25 in (489 mm) (effective 21 in)	523-000028-37	910503700529
			39.25 in (997 mm) (effective 41 in)	523-000028-38	910503700530
eW Profile Powercore, 220 – 240 VAC including End-to-End Connector	White	2700 K	9.25 in (235 mm) (effective 11 in)	523-000028-18	910503700443
			19.25 in (489 mm) (effective 21 in)	523-000028-19	910503700444
			39.25 in (997 mm) (effective 41 in)	523-000028-20	910503700445
Mounting Track	White		25 @ 9 in (229 mm)	120-000064-02	910503700273
			25 @ 19 in (483 mm)	120-000064-00	910503700271
			24 @ 39 in (991 mm)	120-000064-01	910503700272
Jumper Cable, 100 / 220 – 240 VAC	White		6 in (152 mm)	108-000035-05	910503700265
			12 in (305 mm)	108-000035-06	910503700266
			18 in (457 mm)	108-000035-07	910503700267
			5 ft (1.5 m)	108-000035-08	910503700268
Jumper Cable, 120 VAC	White		6 in (152 mm)	108-000035-00	910503700260
			12 in (305 mm)	108-000035-01	910503700261
			18 in (457 mm)	108-000035-02	910503700262
			5 ft (1.5 m)	108-000035-03	910503700263
End-to-End Connector, Quantity 5	White		.875 in (22 mm)	108-000035-10	910503700368
“Y” Jumper Cable and Terminator, 100 / 220 – 240 VAC	White		16.5 in (419 mm)	108-000035-09	910503700269
“Y” Jumper Cable and Terminator, 120 VAC	White		16.5 in (419 mm)	108-000035-04	910503700264
Switched Portable Leader Cable and Terminator, 120 VAC	White		10 ft (3 m)	108-000034-00	910503700258
Leader Cable and Terminator, 100 / 220 – 240 VAC	White		10 ft (3 m)	108-000034-01	910503700259
Permanent Wiring Compartment and Terminator, 120 VAC	White		1.125 x 1.75 x 3.5 in (29 x 45 x 89 mm) (Height x Width x Depth)	120-000065-00	910503700270
Switched Permanent Wiring Compartment and Terminator, 120 VAC	White		.875 x 2 x 4.25 in (22 x 51 x 108 mm) (Height x Width x Depth)	120-000065-04	910503701022

Use Item Number when ordering in North America.



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