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eW Cove EC Powercore

Cost-effective interior linear LED cove and accent luminaire with solid white light

[Product page](#)

eW Cove EC Powercore is a dimmable, linear LED luminaire that provides an affordable, energy-efficient alternative to traditional cove lighting in applications requiring white light. With its low profile, rotating housing and flexible end-to-end locking power connectors, eW Cove EC Powercore is the perfect choice for a wide range of interior retail, exhibit, hospitality, and architectural settings.

- Industry-best white-light quality and color consistency—Advances in Optibin, Color Kinetics' proprietary binning optimization process, now provides color-consistency within a 2-step MacAdam ellipse across eW Cove product luminaires and manufacturing runs.
- Uncompromised performance—Efficacies near 100 lumens/watts provide optimum output without restrictions on lumen maintenance, operating temperature, or warranty.
- Multiple options for design flexibility—Available in four color temperatures ranging from warm 2700 K to cool 4000 K, and lengths of 152 mm (6 in), 305 mm, (12 in), and 1219 mm (48 in).

Beam Angle	110° x 110°
Lumens per foot*	228 to 263
Color Temperature ^s	2700 K, 3000 K, 3500 K, 4000 K
Input Voltage	120 VAC/220 to 240 VAC/277 VAC, 50/60 Hz
Housing Material	Injection-molded plastic, dark-gray finish
Approbations	UL, FCC Class B, CE, C-Tick, CCC, SAA
Environment	Damp Location, IP20
Applications	Cove Lighting

2700 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI	Power	Weight	Item Number	12 NC
2700 K, 120 VAC, 152 mm (6 in)	110° x 110°	111	64	83	1.8 W	103 g (0.23 lb)	523-000090-80	912400133244
2700 K, 120 VAC, 305 mm (12 in)	110° x 110°	228	74.4	82.5	3.2 W	166 g (0.37 lb)	523-000091-80	912400133260
2700 K, 120 VAC, 1219 mm (48 in)	110° x 110°	765	81.2	82.8	10 W	880 g (1.94 lb)	523-000092-80	912400133276
2700 K, 220 – 240 VAC, 152 mm (6 in)	110° x 110°	111	64	83	2.3 W	103 g (0.23 lb)	523-000090-84	912400133248
2700 K, 220 – 240 VAC, 152 mm (6 in), With 3 m (10 ft) Leader Cable	110° x 110°	111	64	83	2.3 W	103 g (0.23 lb)	523-000090-88	912400133252
2700 K, 220 – 240 VAC, 305 mm (12 in)	110° x 110°	228	74.4	82.5	3.3 W	166 g (0.37 lb)	523-000091-84	912400133264
2700 K, 220 – 240 VAC, 305 mm (12 in), With 3 m (10 ft) Leader Cable	110° x 110°	228	74.4	82.5	3.3 W	166 g (0.37 lb)	523-000091-88	912400133268
2700 K, 220 – 240 VAC, 1219 mm (48 in)	110° x 110°	765	81.2	82.8	10 W	880 g (1.94 lb)	523-000092-84	912400133280

2700 K Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens*	Efficacy	CRI	Power	Weight	Item Number	12 NC
2700 K, 220 – 240 VAC, 1219 mm (48 in), With 3 m (10 ft) Leader Cable	110° x 110°	765	81.2	82.8	10 W	880 g (1.94 lb)	523-000092-88	912400133284
2700 K, 277 VAC, 152 mm (6 in)	110° x 110°	111	64	83	2.3 W	103 g (0.23 lb)	523-000090-92	912400133256
2700 K, 277 VAC, 305 mm (12 in)	110° x 110°	228	74.4	82.5	3.4 W	166 g (0.37 lb)	523-000091-92	912400133272
2700 K, 277 VAC, 1219 mm (48 in)	110° x 110°	765	81.2	82.8	10 W	880 g (1.94 lb)	523-000092-92	912400133288

3000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI	Power	Weight	Item Number	12 NC
3000 K, 120 VAC, 152 mm (6 in)	110° x 110°	121	71.2	82.5	1.8 W	103 g (0.23 lb)	523-000090-81	912400133245
3000 K, 120 VAC, 305 mm (12 in)	110° x 110°	263	85.5	81.9	3.2 W	166 g (0.37 lb)	523-000091-81	912400133261
3000 K, 120 VAC, 1219 mm (48 in)	110° x 110°	877	91.1	82.1	10 W	880 g (1.94 lb)	523-000092-81	912400133277
3000 K, 220 – 240 VAC, 152 mm (6 in)	110° x 110°	121	71.2	82.5	2.3 W	103 g (0.23 lb)	523-000090-85	912400133249
3000 K, 220 – 240 VAC, 152 mm (6 in), With 3 m (10 ft) Leader Cable	110° x 110°	121	71.2	82.5	2.3 W	103 g (0.23 lb)	523-000090-89	912400133253
3000 K, 220 – 240 VAC, 305 mm (12 in)	110° x 110°	263	85.5	81.9	3.3 W	166 g (0.37 lb)	523-000091-85	912400133265
3000 K, 220 – 240 VAC, 305 mm (12 in), With 3 m (10 ft) Leader Cable	110° x 110°	263	85.5	81.9	3.3 W	166 g (0.37 lb)	523-000091-89	912400133269
3000 K, 220 – 240 VAC, 1219 mm (48 in)	110° x 110°	877	91.1	82.1	10 W	880 g (1.94 lb)	523-000092-85	912400133281
3000 K, 220 – 240 VAC, 1219 mm (48 in), With 3 m (10 ft) Leader Cable	110° x 110°	877	91.1	82.1	10 W	880 g (1.94 lb)	523-000092-89	912400133285
3000 K, 277 VAC, 152 mm (6 in)	110° x 110°	121	71.2	82.5	2.3 W	103 g (0.23 lb)	523-000090-93	912400133257
3000 K, 277 VAC, 305 mm (12 in)	110° x 110°	263	85.5	81.9	3.4 W	166 g (0.37 lb)	523-000091-93	912400133273
3000 K, 277 VAC, 1219 mm (48 in)	110° x 110°	877	91.1	82.1	10 W	880 g (1.94 lb)	523-000092-93	912400133289

3500 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI	Power	Weight	Item Number	12 NC
3500 K, 120 VAC, 152 mm (6 in)	110° x 110°	124	72.5	81.7	1.8 W	103 g (0.23 lb)	523-000090-82	912400133246
3500 K, 120 VAC, 305 mm (12 in)	110° x 110°	257	84.2	81.3	3.2 W	166 g (0.37 lb)	523-000091-82	912400133262
3500 K, 120 VAC, 1219 mm (48 in)	110° x 110°	860	90	81.4	10 W	880 g (1.94 lb)	523-000092-82	912400133278
3500 K, 220 – 240 VAC, 152 mm (6 in)	110° x 110°	124	72.5	81.7	2.3 W	103 g (0.23 lb)	523-000090-86	912400133250
3500 K, 220 – 240 VAC, 152 mm (6 in), With 3 m (10 ft) Leader Cable	110° x 110°	124	72.5	81.7	2.3 W	103 g (0.23 lb)	523-000090-90	912400133254
3500 K, 220 – 240 VAC, 305 mm (12 in)	110° x 110°	257	84.2	81.3	3.3 W	166 g (0.37 lb)	523-000091-86	912400133266
3500 K, 220 – 240 VAC, 305 mm (12 in), With 3 m (10 ft) Leader Cable	110° x 110°	257	84.2	81.3	3.3 W	166 g (0.37 lb)	523-000091-90	912400133270
3500 K, 220 – 240 VAC, 1219 mm (48 in)	110° x 110°	860	90	81.4	10 W	880 g (1.94 lb)	523-000092-86	912400133282
3500 K, 220 – 240 VAC, 1219 mm (48 in), With 3 m (10 ft) Leader Cable	110° x 110°	860	90	81.4	10 W	880 g (1.94 lb)	523-000092-90	912400133286
3500 K, 277 VAC, 152 mm (6 in)	110° x 110°	124	72.5	81.7	2.3 W	103 g (0.23 lb)	523-000090-94	912400133258
3500 K, 277 VAC, 305 mm (12 in)	110° x 110°	257	84.2	81.3	3.4 W	166 g (0.37 lb)	523-000091-94	912400133274
3500 K, 277 VAC, 1219 mm (48 in)	110° x 110°	860	90	81.4	10 W	880 g (1.94 lb)	523-000092-94	912400133290

4000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI	Power	Weight	Item Number	12 NC
4000 K, 120 VAC, 152 mm (6 in)	110° x 110°	117	68.9	82.9	1.8 W	103 g (0.23 lb)	523-000090-83	912400133247
4000 K, 120 VAC, 305 mm (12 in)	110° x 110°	247	81.6	82.1	3.2 W	166 g (0.37 lb)	523-000091-83	912400133263
4000 K, 120 VAC, 1219 mm (48 in)	110° x 110°	819	88.3	82.4	10 W	880 g (1.94 lb)	523-000092-83	912400133279
4000 K, 220 – 240 VAC, 152 mm (6 in)	110° x 110°	117	68.9	82.9	2.3 W	103 g (0.23 lb)	523-000090-87	912400133251
4000 K, 220 – 240 VAC, 152 mm (6 in), With 3 m (10 ft) Leader Cable	110° x 110°	117	68.9	82.9	2.3 W	103 g (0.23 lb)	523-000090-91	912400133255
4000 K, 220 – 240 VAC, 305 mm (12 in)	110° x 110°	247	81.6	82.1	3.3 W	166 g (0.37 lb)	523-000091-87	912400133267
4000 K, 220 – 240 VAC, 305 mm (12 in), With 3 m (10 ft) Leader Cable	110° x 110°	247	81.6	82.1	3.3 W	166 g (0.37 lb)	523-000091-91	912400133271
4000 K, 220 – 240 VAC, 1219 mm (48 in)	110° x 110°	819	88.3	82.4	10 W	880 g (1.94 lb)	523-000092-87	912400133283

4000 K Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens*	Efficacy	CRI	Power	Weight	Item Number	12 NC
4000 K, 220 – 240 VAC, 1219 mm (48 in), With 3 m (10 ft) Leader Cable	110° x 110°	819	88.3	82.4	10 W	880 g (1.94 lb)	523-000092-91	912400133287
4000 K, 277 VAC, 152 mm (6 in)	110° x 110°	117	68.9	82.9	2.3 W	103 g (0.23 lb)	523-000090-95	912400133259
4000 K, 277 VAC, 305 mm (12 in)	110° x 110°	247	81.6	82.1	3.4 W	166 g (0.37 lb)	523-000091-95	912400133275
4000 K, 277 VAC, 1219 mm (48 in)	110° x 110°	819	88.3	82.4	10 W	880 g (1.94 lb)	523-000092-95	912400133291

* Lumen output measurements comply with IES LM-79-08 testing procedures.

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