

eW Cove QLX Powercore

Performance interior linear LED cove and accent luminaire with solid white light

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

eW Cove QLX Powercore represents the latest in high-quality linear LED cove lighting from Color Kinetics. This elegant, low-profile luminaire delivers up to 432 lumens per foot of white light at an affordable price. eW Cove QLX Powercore is designed to replace traditional cove lighting sources for wall and ceiling glow effects, wall washing, and indirect lighting from a single cove. Multiple color temperatures, beam angles, power levels, and lengths afford an abundance of design options.

- 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 or exceeding 100 lm/w provide optimum output without restrictions on lumen maintenance, operating temperature or warranty.
- Multiple options for design flexibility—Available in four color temperatures ranging from a warm 2700 K to a cool 4000 K. Lengths of 154 mm (6 in), 305 mm (12 in), and 1219 mm (48 in), wide and medium beam angles, and two power levels offer further design flexibility.



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Beam Angle	60° x 90°, 110° x 110°
Lumens per foot*	306 to 432
CRI†	93 to 96
Color Temperature‡	2700 K, 3000 K, 3500 K, 4000 K

Input Voltage	120 VAC/220 to 240 VAC/277 VAC, 50/60 Hz
Power Consumption	4 to 6 W/ft
Housing Material	Injection-molded plastic, dark-gray finish
Approbations	UL/cUL, FCC Class B, CE, C-Tick, CCC, SAA
Environment	Damp Location, IP20
Applications	Cove Lighting

2700 K Medium Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI†	Power	Weight	Item Number	12 NC
2700 K, 120 VAC, 60° x 90°, 154 mm (6 in)	60° x 90°	189	75.4	93	2.5 W	116 g (0.25 lb)	523-000108-04	912400136990
2700 K, 120 VAC, 60° x 90°, 305 mm (12 in)	60° x 90°	377	75.4	93	5 W	186 g (0.41 lb)	523-000108-28	912400137015
2700 K, 120 VAC, 60° x 90°, 1219 mm (48 in)	60° x 90°	1,131	75.4	93	20 W	910 g (2 lb)	523-000108-52	912400137039
2700 K, 220 – 240 VAC, 60° x 90°, 154 mm (6 in)	60° x 90°	189	75.4	93	2.5 W	116 g (0.25 lb)	523-000108-12	912400136998
2700 K, 220 – 240 VAC, 60° x 90°, 305 mm (12 in)	60° x 90°	377	75.4	93	5 W	186 g (0.41 lb)	523-000108-36	912400137023
2700 K, 220 – 240 VAC, 60° x 90°, 1219 mm (48 in)	60° x 90°	1,131	75.4	93	20 W	910 g (2 lb)	523-000108-60	912400137047
2700 K, 277 VAC, 60° x 90°, 154 mm (6 in)	60° x 90°	189	75.4	93	2.5 W	116 g (0.25 lb)	523-000108-20	912400137007
2700 K, 277 VAC, 60° x 90°, 305 mm (12 in)	60° x 90°	377	75.4	93	5 W	186 g (0.41 lb)	523-000108-44	912400137031
2700 K, 277 VAC, 60° x 90°, 1219 mm (48 in)	60° x 90°	1,131	75.4	93	20 W	910 g (2 lb)	523-000108-68	912400137055



3000 K Medium Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI†	Power	Weight	Item Number	12 NC
3000 K, 120 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	197	78	95	2.5 W	116 g (0.25 lb)	523-000108-05	912400136991
3000 K, 120 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	393	78	95	5 W	186 g (0.41 lb)	523-000108-29	912400137016
3000 K, 120 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,572	78	95	20 W	910 g (2 lb)	523-000108-53	912400137040
3000 K, 220 – 240 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	197	78	95	2.5 W	116 g (0.25 lb)	523-000108-13	912400136999
3000 K, 220 – 240 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	393	78	95	5 W	186 g (0.41 lb)	523-000108-37	912400137024
3000 K, 220 – 240 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,572	78	95	20 W	910 g (2 lb)	523-000108-61	912400137048
3000 K, 277 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	197	78	95	2.5 W	116 g (0.25 lb)	523-000108-21	912400137008
3000 K, 277 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	393	78	95	5 W	186 g (0.41 lb)	523-000108-45	912400137032
3000 K, 277 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,572	78	95	20 W	910 g (2 lb)	523-000108-69	912400137056

3500 K Medium Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI†	Power	Weight	Item Number	12 NC
3500 K, 120 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	205	82.8	96	2.5 W	116 g (0.25 lb)	523-000108-06	912400136992
3500 K, 120 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	410	82.8	96	5 W	186 g (0.41 lb)	523-000108-30	912400137017
3500 K, 120 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,638	82.8	96	20 W	910 g (2 lb)	523-000108-54	912400137041
3500 K, 220 – 240 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	205	82.8	96	2.5 W	116 g (0.25 lb)	523-000108-14	912400137001
3500 K, 220 – 240 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	410	82.8	96	5 W	186 g (0.41 lb)	523-000108-38	912400137025
3500 K, 220 – 240 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,638	82.8	96	20 W	910 g (2 lb)	523-000108-62	912400137049
3500 K, 277 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	205	82.8	96	2.5 W	116 g (0.25 lb)	523-000108-22	912400137009
3500 K, 277 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	410	82.8	96	5 W	186 g (0.41 lb)	523-000108-46	912400137033
3500 K, 277 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,638	82.8	96	20 W	910 g (2 lb)	523-000108-70	912400137057

4000 K Medium Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI†	Power	Weight	Item Number	12 NC
4000 K, 120 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	202	80.5	96	2.5 W	116 g (0.25 lb)	523-000108-07	912400136993
4000 K, 120 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	405	80.5	96	5 W	186 g (0.41 lb)	523-000108-31	912400137018
4000 K, 120 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,620	80.5	96	20 W	910 g (2 lb)	523-000108-55	912400137042
4000 K, 220 – 240 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	202	80.5	96	2.5 W	116 g (0.25 lb)	523-000108-15	912400137002
4000 K, 220 – 240 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	405	80.5	96	5 W	186 g (0.41 lb)	523-000108-39	912400137026
4000 K, 220 – 240 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,620	80.5	96	20 W	910 g (2 lb)	523-000108-63	912400137050
4000 K, 277 VAC, 60° x 90°, 154 mm (6 in.)	60° x 90°	202	80.5	96	2.5 W	116 g (0.25 lb)	523-000108-23	912400137010
4000 K, 277 VAC, 60° x 90°, 305 mm (12 in.)	60° x 90°	405	80.5	96	5 W	186 g (0.41 lb)	523-000108-47	912400137034
4000 K, 277 VAC, 60° x 90°, 1219 mm (48 in.)	60° x 90°	1,620	80.5	96	20 W	910 g (2 lb)	523-000108-71	912400137058

2700 K Wide Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI†	Power	Weight	Item Number	12 NC
2700 K, 120 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	178	67.8	94	2.5 W	116 g (0.25 lb)	523-000108-00	912400136986
2700 K, 120 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	394	78.4	93	5 W	186 g (0.41 lb)	523-000108-24	912400137011
2700 K, 120 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,501	82.4	91	20 W	910 g (2 lb)	523-000108-48	912400137035
2700 K, 220 – 240 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	178	67.8	94	2.5 W	116 g (0.25 lb)	523-000108-08	912400136994
2700 K, 220 – 240 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	394	78.4	93	5 W	186 g (0.41 lb)	523-000108-32	912400137019
2700 K, 220 – 240 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,501	82.4	91	20 W	910 g (2 lb)	523-000108-56	912400137043
2700 K, 277 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	178	67.8	94	2.5 W	116 g (0.25 lb)	523-000108-16	912400137003
2700 K, 277 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	394	78.4	93	5 W	186 g (0.41 lb)	523-000108-40	912400137027
2700 K, 277 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,501	82.4	91	20 W	910 g (2 lb)	523-000108-64	912400137051

3000 K Wide Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI [†]	Power	Weight	Item Number	12 NC
3000 K, 120 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	206	84.4	95	2.5 W	116 g (0.25 lb)	523-000108-01	912400136987
3000 K, 120 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	412	84.4	95	5 W	186 g (0.41 lb)	523-000108-25	912400137012
3000 K, 120 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,646	84.4	95	20 W	910 g (2 lb)	523-000108-49	912400137036
3000 K, 220 – 240 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	206	84.4	95	2.5 W	116 g (0.25 lb)	523-000108-09	912400136995
3000 K, 220 – 240 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	412	84.4	95	5 W	186 g (0.41 lb)	523-000108-33	912400137020
3000 K, 220 – 240 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,646	84.4	95	20 W	910 g (2 lb)	523-000108-57	912400137044
3000 K, 277 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	206	84.4	95	2.5 W	116 g (0.25 lb)	523-000108-17	912400137004
3000 K, 277 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	412	84.4	95	5 W	186 g (0.41 lb)	523-000108-41	912400137028
3000 K, 277 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,646	84.4	95	20 W	910 g (2 lb)	523-000108-65	912400137052

3500 K Wide Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI [†]	Power	Weight	Item Number	12 NC
3500 K, 120 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	216	87.3	96	2.5 W	116 g (0.25 lb)	523-000108-02	912400136988
3500 K, 120 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	432	87.3	96	5 W	186 g (0.41 lb)	523-000108-26	912400137013
3500 K, 120 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,726	87.3	96	20 W	910 g (2 lb)	523-000108-50	912400137037
3500 K, 220 – 240 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	216	87.3	96	2.5 W	116 g (0.25 lb)	523-000108-10	912400136996
3500 K, 220 – 240 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	432	87.3	96	5 W	186 g (0.41 lb)	523-000108-34	912400137021
3500 K, 220 – 240 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,726	87.3	96	20 W	910 g (2 lb)	523-000108-58	912400137045
3500 K, 277 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	216	87.3	96	2.5 W	116 g (0.25 lb)	523-000108-18	912400137005
3500 K, 277 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	432	87.3	96	5 W	186 g (0.41 lb)	523-000108-42	912400137029
3500 K, 277 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,726	87.3	96	20 W	910 g (2 lb)	523-000108-66	912400137053

4000 K Wide Beam Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	CRI [†]	Power	Weight	Item Number	12 NC
4000 K, 120 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	210	83.6	95	2.5 W	116 g (0.25 lb)	523-000108-03	912400136989
4000 K, 120 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	420	83.6	95	5 W	186 g (0.41 lb)	523-000108-27	912400137014
4000 K, 120 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,679	83.6	95	20 W	910 g (2 lb)	523-000108-51	912400137038
4000 K, 220 – 240 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	210	83.6	95	2.5 W	116 g (0.25 lb)	523-000108-11	912400136997
4000 K, 220 – 240 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	420	83.6	95	5 W	186 g (0.41 lb)	523-000108-35	912400137022
4000 K, 220 – 240 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,679	83.6	95	20 W	910 g (2 lb)	523-000108-59	912400137046
4000 K, 277 VAC, 110° x 110°, 153 mm (6 in.)	110° x 110°	210	83.6	95	2.5 W	116 g (0.25 lb)	523-000108-19	912400137006
4000 K, 277 VAC, 110° x 110°, 305 mm (12 in.)	110° x 110°	420	83.6	95	5 W	186 g (0.41 lb)	523-000108-43	912400137030
4000 K, 277 VAC, 110° x 110°, 1219 mm (48 in.)	110° x 110°	1,679	83.6	95	20 W	910 g (2 lb)	523-000108-67	912400137054

* 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.

[†] CRI refers to CRI Ra value, CRI R9 refers to R9 value in accordance with IESNA LM-79 standards.

