

ReachElite eW 100 Powercore

High-performance long-throw exterior LED luminaire with essential white light

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

ReachElite is a premium exterior long-throw luminaire designed to light large-scale outdoor structures ranging from bridges and facades to monuments and skyscrapers. Powerful enough to hit targets up to 564 m (1,852 ft) away with the 300 W luminaire, ReachElite raises the bar for optical control, performance and beam quality in LED lighting. What sets ReachElite apart from the competition is its application efficiency, high punch, and adaptability. ReachElite delivers high-quality white light exactly where you want it. With a native beam angle under 3°, ReachElite introduces a new level of precision and punch to the premium exterior LED luminaire market.

• Application adaptability—ReachElite excels in a wide range of lighting applications including flood lighting, spot lighting, wall grazing and wall washing. Optional secondary accessories combined with easy precise aiming bring ultimate in system flexibility to customize the look and performance of any project. Precision optical system allows for placement freedom.



[Product page](#)

Beam Angle	2.6°, 5°, 10°, 20°, 40°, 60°, 80°, 10° x 40°
Lumens (no spread lens)*	5,318 to 5,900
Color Temperature [§]	2700 K, 3000 K, 3500 K, 4000 K

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro
Power Consumption	100 W
Weight	14.5 kg (32 lb)
Housing Material	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, RCM
Environment	Dry/Damp/Wet Location, IP66
Applications	Flood Lighting, Spot Lighting, Wall Washing

2700 K Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
2700 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	523-000103-00	912400135509		
2700 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	523-000103-00	912400135509	120-000197-06	912400135536
2700 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	523-000103-00	912400135509	120-000197-07	912400135537
2700 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	523-000103-00	912400135509	120-000197-08	912400135538
2700 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	523-000103-00	912400135509	120-000197-09	912400135539
2700 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	523-000103-00	912400135509	120-000197-10	912400135540
2700 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	523-000103-00	912400135509	120-000197-11	912400135541
2700 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	523-000103-00	912400135509	120-000197-12	912400135542

For help estimating the light output and distribution of lighting luminaires, please contact Color Kinetics Applications Engineering Services at <http://www.lighting.philips.com/support/connect/contact-us>.



3000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
3000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	5,318	55.2	523-000103-01	912400135510		
3000 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	4,854	50.4	523-000103-01	912400135510	120-000197-06	912400135536
3000 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	4,660	48.6	523-000103-01	912400135510	120-000197-07	912400135537
3000 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	4,583	47.5	523-000103-01	912400135510	120-000197-08	912400135538
3000 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	4,419	46.2	523-000103-01	912400135510	120-000197-09	912400135539
3000 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	4,405	46	523-000103-01	912400135510	120-000197-10	912400135540
3000 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	4,527	47.3	523-000103-01	912400135510	120-000197-11	912400135541
3000 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	4,422	46.2	523-000103-01	912400135510	120-000197-12	912400135542

3500 K Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
3500 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	523-000103-02	912400135511		
3500 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	523-000103-02	912400135511	120-000197-06	912400135536
3500 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	523-000103-02	912400135511	120-000197-07	912400135537
3500 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	523-000103-02	912400135511	120-000197-08	912400135538
3500 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	523-000103-02	912400135511	120-000197-09	912400135539
3500 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	523-000103-02	912400135511	120-000197-10	912400135540
3500 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	523-000103-02	912400135511	120-000197-11	912400135541
3500 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	523-000103-02	912400135511	120-000197-12	912400135542

4000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
4000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	5,900	60.3	523-000103-03	912400135512		
4000 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	5,463	55.8	523-000103-03	912400135512	120-000197-06	912400135536
4000 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	5,365	55.2	523-000103-03	912400135512	120-000197-07	912400135537
4000 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	5,169	52.8	523-000103-03	912400135512	120-000197-08	912400135538
4000 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	5,049	52	523-000103-03	912400135512	120-000197-09	912400135539
4000 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	5,001	51.4	523-000103-03	912400135512	120-000197-10	912400135540
4000 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	5,176	53.3	523-000103-03	912400135512	120-000197-11	912400135541
4000 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	5,032	51.7	523-000103-03	912400135512	120-000197-12	912400135542

* ReachElite 100 lumen output measurements comply with IES LM-79-08 testing procedures.

⁵ Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.



ReachElite eW 200 Powercore

High-performance long-throw exterior LED luminaire with essential white light

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

ReachElite is a premium exterior long-throw luminaire designed to light large-scale outdoor structures ranging from bridges and facades to monuments and skyscrapers. Powerful enough to hit targets up to 564 m (1,852 ft) away with the 300 W luminaire, ReachElite raises the bar for optical control, performance and beam quality in LED lighting. What sets ReachElite apart from the competition is its application efficiency, high punch, and adaptability. ReachElite delivers high-quality white light exactly where you want it. With a native beam angle under 3°, ReachElite introduces a new level of precision and punch to the premium exterior LED luminaire market.

• Application adaptability—ReachElite excels in a wide range of lighting applications including flood lighting, spot lighting, wall grazing and wall washing. Optional secondary accessories combined with easy precise aiming bring ultimate in system flexibility to customize the look and performance of any project. Precision optical system allows for placement freedom.



[Product page](#)

Beam Angle	2.6°, 5°, 10°, 20°, 40°, 60°, 80°, 10° x 40°
Lumens (no spread lens)*	10,636 to 11,800
Color Temperature ^s	2700 K, 3000 K, 3500 K, 4000 K

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro
Power Consumption	200 W
Weight	28 kg (61.7 lb)
Housing Material	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, RCM
Environment	Dry/Damp/Wet Location, IP66
Applications	Flood Lighting, Spot Lighting, Wall Washing

2700 K Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
2700 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	523-000203-00	912400135516		
2700 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	523-000203-00	912400135516	120-000197-06	912400135536
2700 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	523-000203-00	912400135516	120-000197-07	912400135537
2700 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	523-000203-00	912400135516	120-000197-08	912400135538
2700 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	523-000203-00	912400135516	120-000197-09	912400135539
2700 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	523-000203-00	912400135516	120-000197-10	912400135540
2700 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	523-000203-00	912400135516	120-000197-11	912400135541
2700 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	523-000203-00	912400135516	120-000197-12	912400135542

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3000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
3000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	10,636	55.2	523-000203-01	912400135517		
3000 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	9,708	50.4	523-000203-01	912400135517	120-000197-06	912400135536
3000 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	9,320	48.6	523-000203-01	912400135517	120-000197-07	912400135537
3000 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	9,166	47.5	523-000203-01	912400135517	120-000197-08	912400135538
3000 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	8,838	46.2	523-000203-01	912400135517	120-000197-09	912400135539
3000 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	8,810	46	523-000203-01	912400135517	120-000197-10	912400135540
3000 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	9,054	47.3	523-000203-01	912400135517	120-000197-11	912400135541
3000 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	8,844	46.2	523-000203-01	912400135517	120-000197-12	912400135542

3500 K Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
3500 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	523-000203-02	912400135518		
3500 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	523-000203-02	912400135518	120-000197-06	912400135536
3500 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	523-000203-02	912400135518	120-000197-07	912400135537
3500 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	523-000203-02	912400135518	120-000197-08	912400135538
3500 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	523-000203-02	912400135518	120-000197-09	912400135539
3500 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	523-000203-02	912400135518	120-000197-10	912400135540
3500 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	523-000203-02	912400135518	120-000197-11	912400135541
3500 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	523-000203-02	912400135518	120-000197-12	912400135542

4000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
4000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	11,800	60.3	523-000203-03	912400135519		
4000 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	10,926	55.8	523-000203-03	912400135519	120-000197-06	912400135536
4000 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	10,730	55.2	523-000203-03	912400135519	120-000197-07	912400135537
4000 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	10,338	52.8	523-000203-03	912400135519	120-000197-08	912400135538
4000 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	10,098	52	523-000203-03	912400135519	120-000197-09	912400135539
4000 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	10,002	51.4	523-000203-03	912400135519	120-000197-10	912400135540
4000 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	10,352	53.3	523-000203-03	912400135519	120-000197-11	912400135541
4000 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	10,064	51.7	523-000203-03	912400135519	120-000197-12	912400135542

* ReachElite 100 lumen output measurements comply with IES LM-79-08 testing procedures. ReachElite 200 measurements are estimated based on the ReachElite 100 measurements.

⁵ Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.



ReachElite eW 300 Powercore

High-performance long-throw exterior LED luminaire with essential white light

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

ReachElite is a premium exterior long-throw luminaire designed to light large-scale outdoor structures ranging from bridges and facades to monuments and skyscrapers. Powerful enough to hit targets up to 564 m (1,852 ft) away with the 300 W luminaire, ReachElite raises the bar for optical control, performance and beam quality in LED lighting. What sets ReachElite apart from the competition is its application efficiency, high punch, and adaptability. ReachElite delivers high-quality white light exactly where you want it. With a native beam angle under 3°, ReachElite introduces a new level of precision and punch to the premium exterior LED luminaire market.

- Application adaptability—ReachElite excels in a wide range of lighting applications including flood lighting, spot lighting, wall grazing and wall washing. Optional secondary accessories combined with easy precise aiming bring ultimate in system flexibility to customize the look and performance of any project. Precision optical system allows for placement freedom.



[Product page](#)

Beam Angle	2.6°, 5°, 10°, 20°, 40°, 60°, 80°, 10° x 40°
Lumens (no spread lens)*	15,954 to 17,700
Color Temperature ^s	2700 K, 3000 K, 3500 K, 4000 K

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro
Power Consumption	300 W
Weight	41 kg (90.3 lb)
Housing Material	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, RCM
Environment	Dry/Damp/Wet Location, IP66
Applications	Flood Lighting, Spot Lighting, Wall Washing

2700 K Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
2700 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	523-000303-00	912400135523		
2700 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	523-000303-00	912400135523	120-000197-06	912400135536
2700 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	523-000303-00	912400135523	120-000197-07	912400135537
2700 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	523-000303-00	912400135523	120-000197-08	912400135538
2700 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	523-000303-00	912400135523	120-000197-09	912400135539
2700 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	523-000303-00	912400135523	120-000197-10	912400135540
2700 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	523-000303-00	912400135523	120-000197-11	912400135541
2700 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	523-000303-00	912400135523	120-000197-12	912400135542

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3000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
3000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	15,954	55.2	523-000303-01	912400135524		
3000 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	14,562	50.4	523-000303-01	912400135524	120-000197-06	912400135536
3000 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	13,980	48.6	523-000303-01	912400135524	120-000197-07	912400135537
3000 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	13,749	47.5	523-000303-01	912400135524	120-000197-08	912400135538
3000 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	13,257	46.2	523-000303-01	912400135524	120-000197-09	912400135539
3000 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	13,215	46	523-000303-01	912400135524	120-000197-10	912400135540
3000 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	13,581	47.3	523-000303-01	912400135524	120-000197-11	912400135541
3000 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	13,266	46.2	523-000303-01	912400135524	120-000197-12	912400135542

3500 K Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
3500 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	523-000303-02	912400135525		
3500 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	523-000303-02	912400135525	120-000197-06	912400135536
3500 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	523-000303-02	912400135525	120-000197-07	912400135537
3500 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	523-000303-02	912400135525	120-000197-08	912400135538
3500 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	523-000303-02	912400135525	120-000197-09	912400135539
3500 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	523-000303-02	912400135525	120-000197-10	912400135540
3500 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	523-000303-02	912400135525	120-000197-11	912400135541
3500 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	523-000303-02	912400135525	120-000197-12	912400135542

4000 K Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
4000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC	2.6°	17,700	60.3	523-000303-03	912400135526		
4000 K, 100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5°	16,389	55.8	523-000303-03	912400135526	120-000197-06	912400135536
4000 K, 100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	10°	16,095	55.2	523-000303-03	912400135526	120-000197-07	912400135537
4000 K, 100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	20°	15,507	52.8	523-000303-03	912400135526	120-000197-08	912400135538
4000 K, 100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	40°	15,147	52	523-000303-03	912400135526	120-000197-09	912400135539
4000 K, 100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	60°	15,003	51.4	523-000303-03	912400135526	120-000197-10	912400135540
4000 K, 100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	80°	15,528	53.3	523-000303-03	912400135526	120-000197-11	912400135541
4000 K, 100 to 277 VAC, 10° x 40° Asymmetric Spread Lens, UL/cUL, CE, CQC	10° x 40°	15,096	51.7	523-000303-03	912400135526	120-000197-12	912400135542

* ReachElite 100 lumen output measurements comply with IES LM-79-08 testing procedures. ReachElite 300 measurements are estimated based on the ReachElite 100 measurements.

⁵ Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.

