

iW Burst Compact Powercore

Compact architectural and landscape LED spotlight with intelligent white light

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

iW Burst Compact Powercore is a high-output, exterior-rated LED spotlight designed for accent and site lighting. iW Burst Compact Powercore combines channels of warm and cool LEDs to offer variable color temperatures ranging from 2700 K to 6500 K. Architectural and landscape versions support a range of uplighting, floodlighting, and decorative lighting applications.

- Integrates patented Powercore technology—Powercore rapidly, efficiently, and accurately controls power output to luminaires directly from line voltage, eliminating the need for an external power supply. Contractor-friendly installation dramatically simplifies installation and lowers total system cost.
- Support for a wide range of architectural and landscape applications—Architectural luminaires feature an integrated yoke with canopy base for mounting to standard US junction boxes or directly to a flat surface or substrate as local codes permit. Landscape luminaires feature a 0.5 in NPT threaded post for mounting to standard junction boxes and third-party mounting accessories such as stanchion mounts, posts, and stakes for use in softscape and hardscape applications.
- Wide range of color temperature and brightness—Channels of warm white and cool white LEDs produce color temperatures ranging from 2700 K to 6500 K.



[Product page](#)

Beam Angle	8°, 14°, 23°, 41°, 10° x 41°
Lumens*	609 to 709
Efficacy (lm/W) All Channels Full On	27.9 to 32.5
Color Temperature [§]	2700 K to 6500 K

Input Voltage	100 to 240 VAC, auto-ranging, 50/60 Hz
Power Consumption	17.5 W
Weight	2 kg (4.4 lb) Landscape 3.9 kg (8.7 lb) Architectural
Housing Material	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, C-Tick, SAA
Environment	Dry/Damp/Wet Location, IP66
Applications	Flood Lighting, Spot Lighting, Wall Washing

8° Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC
8° (No Spread Lens), Black Housing, CQC, Architectural	8°	709	32.5	523-000067-05	910503702348
8° (No Spread Lens), Black Housing, UL/cUL/CE, Architectural	8°	709	32.5	523-000067-04	910503702209
8° (No Spread Lens), Black Housing, UL/cUL/CE, Landscape	8°	709	32.5	523-000067-03	910503702208
8° (No Spread Lens), Gray Housing, CQC, Architectural	8°	709	32.5	523-000067-02	910503702347
8° (No Spread Lens), Gray Housing, UL/cUL/CE, Architectural	8°	709	32.5	523-000067-01	910503702058
8° (No Spread Lens), Gray Housing, UL/cUL/CE, Landscape	8°	709	32.5	523-000067-00	910503702057
8° (No Spread Lens), White Housing, CQC, Architectural	8°	709	32.5	523-000067-08	910503702349
8° (No Spread Lens), White Housing, UL/cUL/CE, Architectural	8°	709	32.5	523-000067-07	910503702212
8° (No Spread Lens), White Housing, UL/cUL/CE, Landscape	8°	709	32.5	523-000067-06	910503702211



14° Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
14° Spread Lens, Black Housing, CQC, Architectural	14°	622	28.5	523-000067-05	910503702348	120-000080-04	910503701415
14° Spread Lens, Black Housing, UL/cUL/CE, Architectural	14°	622	28.5	523-000067-04	910503702209	120-000080-04	910503701415
14° Spread Lens, Black Housing, UL/cUL/CE, Landscape	14°	622	28.5	523-000067-03	910503702208	120-000080-04	910503701415
14° Spread Lens, Gray Housing, CQC, Architectural	14°	622	28.5	523-000067-02	910503702347	120-000080-04	910503701415
14° Spread Lens, Gray Housing, UL/cUL/CE, Architectural	14°	622	28.5	523-000067-01	910503702058	120-000080-04	910503701415
14° Spread Lens, Gray Housing, UL/cUL/CE, Landscape	14°	622	28.5	523-000067-00	910503702057	120-000080-04	910503701415
14° Spread Lens, White Housing, CQC, Architectural	14°	622	28.5	523-000067-08	910503702349	120-000080-04	910503701415
14° Spread Lens, White Housing, UL/cUL/CE, Architectural	14°	622	28.5	523-000067-07	910503702212	120-000080-04	910503701415
14° Spread Lens, White Housing, UL/cUL/CE, Landscape	14°	622	28.5	523-000067-06	910503702211	120-000080-04	910503701415

23° Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
23° Spread Lens, Black Housing, CQC, Architectural	23°	621	28.5	523-000067-05	910503702348	120-000080-05	910503701416
23° Spread Lens, Black Housing, UL/cUL/CE, Architectural	23°	621	28.5	523-000067-04	910503702209	120-000080-05	910503701416
23° Spread Lens, Black Housing, UL/cUL/CE, Landscape	23°	621	28.5	523-000067-03	910503702208	120-000080-05	910503701416
23° Spread Lens, Gray Housing, CQC, Architectural	23°	621	28.5	523-000067-02	910503702347	120-000080-05	910503701416
23° Spread Lens, Gray Housing, UL/cUL/CE, Architectural	23°	621	28.5	523-000067-01	910503702058	120-000080-05	910503701416
23° Spread Lens, Gray Housing, UL/cUL/CE, Landscape	23°	621	28.5	523-000067-00	910503702057	120-000080-05	910503701416
23° Spread Lens, White Housing, CQC, Architectural	23°	621	28.5	523-000067-08	910503702349	120-000080-05	910503701416
23° Spread Lens, White Housing, UL/cUL/CE, Architectural	23°	621	28.5	523-000067-07	910503702212	120-000080-05	910503701416
23° Spread Lens, White Housing, UL/cUL/CE, Landscape	23°	621	28.5	523-000067-06	910503702211	120-000080-05	910503701416

41° Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
41° Spread Lens, Black Housing, CQC, Architectural	41°	609	27.9	523-000067-05	910503702348	120-000080-06	910503701417
41° Spread Lens, Black Housing, UL/cUL/CE, Architectural	41°	609	27.9	523-000067-04	910503702209	120-000080-06	910503701417
41° Spread Lens, Black Housing, UL/cUL/CE, Landscape	41°	609	27.9	523-000067-03	910503702208	120-000080-06	910503701417
41° Spread Lens, Gray Housing, CQC, Architectural	41°	609	27.9	523-000067-02	910503702347	120-000080-06	910503701417
41° Spread Lens, Gray Housing, UL/cUL/CE, Architectural	41°	609	27.9	523-000067-01	910503702058	120-000080-06	910503701417
41° Spread Lens, Gray Housing, UL/cUL/CE, Landscape	41°	609	27.9	523-000067-00	910503702057	120-000080-06	910503701417
41° Spread Lens, White Housing, CQC, Architectural	41°	609	27.9	523-000067-08	910503702349	120-000080-06	910503701417
41° Spread Lens, White Housing, UL/cUL/CE, Architectural	41°	609	27.9	523-000067-07	910503702212	120-000080-06	910503701417
41° Spread Lens, White Housing, UL/cUL/CE, Landscape	41°	609	27.9	523-000067-06	910503702211	120-000080-06	910503701417

10° x 41° Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
10° x 41° Spread Lens, Black Housing, CQC, Architectural	10° x 41°	637	29.2	523-000067-05	910503702348	120-000080-07	910503701418
10° x 41° Spread Lens, Black Housing, UL/cUL/CE, Architectural	10° x 41°	637	29.2	523-000067-04	910503702209	120-000080-07	910503701418
10° x 41° Spread Lens, Black Housing, UL/cUL/CE, Landscape	10° x 41°	637	29.2	523-000067-03	910503702208	120-000080-07	910503701418
10° x 41° Spread Lens, Gray Housing, CQC, Architectural	10° x 41°	637	29.2	523-000067-02	910503702347	120-000080-07	910503701418
10° x 41° Spread Lens, Gray Housing, UL/cUL/CE, Architectural	10° x 41°	637	29.2	523-000067-01	910503702058	120-000080-07	910503701418

10° x 41° Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens*	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
10° x 41° Spread Lens, Gray Housing, UL/cUL/CE, Landscape	10° x 41°	637	29.2	523-000067-00	910503702057	120-000080-07	910503701418
10° x 41° Spread Lens, White Housing, CQC, Architectural	10° x 41°	637	29.2	523-000067-08	910503702349	120-000080-07	910503701418
10° x 41° Spread Lens, White Housing, UL/cUL/CE, Architectural	10° x 41°	637	29.2	523-000067-07	910503702212	120-000080-07	910503701418
10° x 41° Spread Lens, White Housing, UL/cUL/CE, Landscape	10° x 41°	637	29.2	523-000067-06	910503702211	120-000080-07	910503701418

* 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.

¶ Trim Ring or Glare Shield required for mounting spread lens. Must be ordered separately



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