Date: _____ Type: _____

Firm Name: _____

Project: _____

iW Burst Compact Powercore

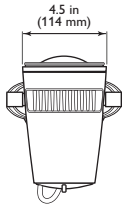
8° native (no spread lens)

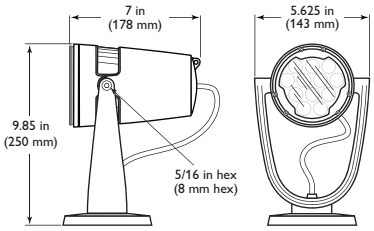
Compact architectural and landscape LED spotlight with intelligent white light

iW Burst Compact Powercore is a high-output, exterior-rated LED spotlight designed for accent and site lighting. iW Burst Compact Powercore offers variable color temperatures ranging from 2700 K – 6500 K. Architectural and Landscape versions support a range of uplighting, floodlighting, and decorative lighting applications.

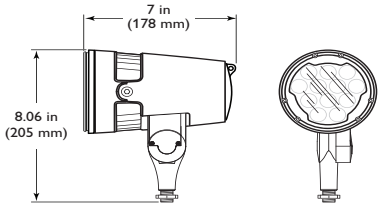
- Integrates patented Powercore technology — Powercore rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage, eliminating the need for an external power supply.
- Flexible mounting in architectural applications — Architectural fixtures feature an integrated yoke with canopy base for mounting to standard US junction boxes or directly to a flat surface or substrate as local codes permit.
- Support for a wide range of landscape applications — Landscape fixtures feature a 1/2 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.
- Exchangeable optics and accessories — Available 14°, 23°, 41°, and asymmetric 10° x 41° spread lenses project a soft-edge beam to support a wide range of lighting applications. Native 8° beam angle offers extended light projection. Available glare shields block spill light, while honeycomb louvers limit the spread of light for a more focused and intense beam.
- Versatile light positioning — Fixtures can tilt through a full 180°. Architectural fixtures can also rotate through a full 360° for precise aiming.
- Universal power input range — Accepts a universal power input range of 100 – 240 VAC, allowing long fixture runs and consistent installation in any location around the world.

iW Burst Compact Powercore Architectural





iW Burst Compact Powercore Landscape



- Outdoor rated — With a rugged, die-cast aluminum housing fully sealed for maximum fixture life and IP66-rated for outdoor applications, iW Burst Compact Powercore is ideal for use in damp or wet locations.

For detailed product information, please refer to the iW Burst Compact Powercore Product Guide at www.philipscolorkinetics.com/ls/intelliwhite/iwburstcompactpc/

PHILIPS

Specifications

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

Item	Specification	Details
	Color Temperature*	2700 K – 6500 K
	Lumens†	709
	Efficacy (lm / W)	32.5
	Lumen Maintenance‡	50,000 hours L_{70} @ 25° C 35,000 hours L_{70} @ 50° C 50,000 hours L_{50} @ 25° C 50,000 hours L_{50} @ 50° C
Electrical	Input Voltage	100 – 240 VAC, auto-switching, 50 / 60 Hz
	Power Consumption	15 W maximum at full output, steady state
Control	Interface	Data Enabler Pro (DMX / Ethernet)
	Control System	Philips full range of controllers, including Light System Manager, iPlayer 3, and ColorDial Pro, or third-party controllers
Physical	Dimensions *(Height x Width x Depth)*	9.85 x 4.5 x 7.0 in (250 x 114 x 178 mm) Architectural 8.06 x 4.5 x 7.0 in (205 x 114 x 178 mm) Landscape
	Weight	8.7 lb (3.9 kg) Architectural 4.4 lb (2.0 kg) Landscape
	Housing	Die-cast aluminium, powder-coated finish
	Lens	Tempered glass
	Fixture Connections	6 ft (1.8 m) unified power / data cable with flying leads Architectural 6 in (152 mm) flying leads Landscape
	Temperature Ranges	-40° – 122° F (-40° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage
	Vibration Resistance	ANSI C136.31 (Architectural only)
	Humidity	0 – 95%, non-condensing
	Fixture Run Lengths	To calculate fixture run lengths and total power consumption for your specific installation, download the Configuration Calculator from www.philipscolorkinetics.com/support/install_tool/
Certification and Safety	Certification	UL / cUL, FCC Class A, CE, PSE, C-Tick, CQC, SAA
	Environment	Dry / Damp / Wet Location, IP66

* Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A.

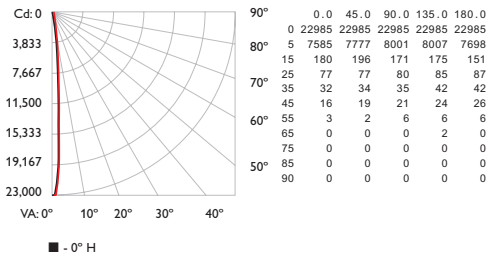
† Lumen measurement complies with IES LM-79-08 testing procedures

‡ L_{70} = 70% lumen maintenance (when light output drops below 70% of initial output).
L_{50} = 50% lumen maintenance (when light output drops below 50% of initial output). Ambient luminaire temperatures specified. Lumen maintenance calculations are based on lifetime prediction graphs supplied by LED source manufacturers. Calculations for white-light LED fixtures are based on measurements that comply with IES LM-80-08 testing procedures. Refer to www.philipscolorkinetics.com/support/appnotes/lm-80-08.pdf for more information.

Photometrics

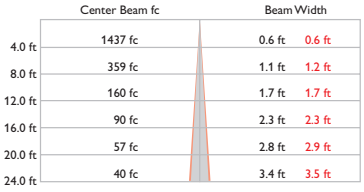
iW Burst Compact Powercore
8° native (no spread lens)

Polar Candela Distribution



	0.0	45.0	90.0	135.0	180.0
90°	0	22985	22985	22985	22985	22985
80°	5	7585	7777	8001	8007	7698
	15	180	196	171	175	151
70°	25	77	77	80	85	87
	35	32	34	35	42	42
	45	16	19	21	24	26
60°	55	3	2	6	6	6
	65	0	0	0	2	0
	75	0	0	0	0	0
50°	85	0	0	0	0	0
	90	0	0	0	0	0

Illuminance at Distance



151.3 ft (46.1 m)
1 fc maximum distance

Vert. Spread: 8.1°
Horiz. Spread: 8.3°

For lux multiply fc by 10.7

Lumens	709
Efficacy	32.5 lm / W

CHROMACORE® CK TECHNOLOGY | OPTIBIN® CK TECHNOLOGY | POWERCORE® CK TECHNOLOGY

Accessories

Item	Housing Color / Type	Item Number	Philips 12NC
Trim Ring	Gray	120-000103-09	910503701823
45° Glare Shield	Gray	120-000103-10	910503701824
Full Height Glare Shield	Gray	120-000103-11	910503701825
Honeycomb Louver	Black	120-000104-01	910503701419
Spread Lenses	14°	120-000080-04	910503701415
	23°	120-000080-05	910503701416
	41°	120-000080-06	910503701417
	10° x 41°	120-000080-07	910503701418

Use Item Number when ordering in North America.

Fixtures and Data Enabler Pro

Item	Housing Color /Type	Item Number	Philips 12NC
iW Burst Compact Powercore, Landscape (UL / cUL / CE)	Gray	523-000067-00	910503702057
	Black	523-000067-03	910503702208
	White	523-000067-06	910503702211
iW Burst Compact Powercore, Architectural (UL / cUL / CE)	Gray	523-000067-01	910503702058
	Black	523-000067-04	910503702209
	White	523-000067-07	910503702212
iW Burst Compact Powercore, Architectural (CQC)	Gray	523-000067-02	910503702347
	Black	523-000067-05	910503702348
	White	523-000067-08	910503702349
Data Enabler Pro	3/4 in / 1/2 in NPT (U.S. trade size conduit)	106-000004-00	910503701210
	PG21 / PG13 (metric size conduit)	106-000004-01	910503701211

Use Item Number when ordering in North America.

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