

Philips Color Kinetics

FlexElite iColor, RGBW

Flexible, bright, and beautiful direct-view LED lighting with RGBW light


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Viewing Angle	120°
Lumens per node*	111
LED Channels	Red/Green/Blue/White

FlexElite is the brightest and most flexible member of our Flex family. FlexElite's sections click together quickly and easily, allowing unequalled customization. Its innovative modular design lets you create the exact configuration of nodes that meet the needs of your project. FlexElite meets the challenges posed by large, unconventional structures by providing ultra-long run lengths and node spacing. FlexElite RGBW adds a separate white LED creating better-quality whites compared to RGB.

- **Modular Design**—FlexElite's advanced technology frees you from the limitations posed by static numbers of nodes on flexible cables—enabling longer run lengths and node spacing. You can choose sections with the number of nodes you need. Plus, multiple jumper cable lengths let you get the node spacing you need for your design—achieving the right resolution. FlexElite can deliver run lengths of up to 300 feet per run, with variable distances between nodes. With FlexElite, you can take on a wide range of outdoor applications, from arenas to office buildings to bridges.
- **Brighter Output**—FlexElite is the brightest Flex luminaire available, outputting over over 110 lumens per node. Brighter output lets you take on larger structures and create ambitious, large-scale designs that get noticed. And our lumen measurement complies with IES LM-79-08 testing procedures for consistency.

Input Voltage	48 VDC via PDS-400 48V CA4
Housing	PBT plastic and powder-coated aluminium
Lens	Tempered glass
Approbations	UL/cUL, FCC Class A, CE
Environment	Dry/Damp/Wet Location, IP66

Specification Sheets

PDF Download	Viewing	Lumens*	Power	Weight	Item Number	12 NC
RGBW, 1 Node, Black Node/Cable	120°	111	2.5 W	0.22 kg (0.49 lb)	401-000002-00	912400136292
RGBW, 1 Node, White Node/Cable	120°	111	2.5 W	0.22 kg (0.49 lb)	401-000002-01	912400136293
RGBW, 2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	0.35 kg (0.77 lb)	401-000002-02	912400136294
RGBW, 2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	0.35 kg (0.77 lb)	401-000002-07	912400136299
RGBW, 2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	0.38 kg (0.84 lb)	401-000002-03	912400136295
RGBW, 2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	0.38 kg (0.84 lb)	401-000002-08	912400136301
RGBW, 2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	0.39 kg (0.86 lb)	401-000002-04	912400136296
RGBW, 2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	0.39 kg (0.86 lb)	401-000002-09	912400136302
RGBW, 2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	0.42 kg (0.93 lb)	401-000002-05	912400136297
RGBW, 2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	0.42 kg (0.93 lb)	401-000002-10	912400136303
RGBW, 2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	0.51 kg (1.12 lb)	401-000002-06	912400136298
RGBW, 2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	0.51 kg (1.12 lb)	401-000002-11	912400136304
RGBW, 5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	0.73 kg (1.61 lb)	401-000002-12	912400136305
RGBW, 5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	0.73 kg (1.61 lb)	401-000002-17	912400136310
RGBW, 5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	0.82 kg (1.81 lb)	401-000002-13	912400136306
RGBW, 5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	0.82 kg (1.81 lb)	401-000002-18	912400136311
RGBW, 5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	0.9 kg (1.98 lb)	401-000002-14	912400136307
RGBW, 5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	0.9 kg (1.98 lb)	401-000002-19	912400136312

Specification Sheets (cont.)

PDF Download	Viewing	Lumens*	Power	Weight	Item Number	12 NC
RGBW, 5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	0.96 kg (2.12 lb)	401-000002-15	912400136308
RGBW, 5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	0.96 kg (2.12 lb)	401-000002-20	912400136313
RGBW, 5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	1.18 kg (2.6 lb)	401-000002-16	912400136309
RGBW, 5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	1.18 kg (2.6 lb)	401-000002-21	912400136314
RGBW, 10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	1.37 kg (3.02 lb)	401-000002-22	912400136315
RGBW, 10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	1.37 kg (3.02 lb)	401-000002-27	912400136320
RGBW, 10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	1.54 kg (3.4 lb)	401-000002-23	912400136316
RGBW, 10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	1.54 kg (3.4 lb)	401-000002-28	912400136321
RGBW, 10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	1.73 kg (3.81 lb)	401-000002-24	912400136317
RGBW, 10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	1.73 kg (3.81 lb)	401-000002-29	912400136322
RGBW, 10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	1.86 kg (4.1 lb)	401-000002-25	912400136318
RGBW, 10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	1.86 kg (4.1 lb)	401-000002-30	912400136323
RGBW, 10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	2.3 kg (5.07 lb)	401-000002-26	912400136319
RGBW, 10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	2.3 kg (5.07 lb)	401-000002-31	912400136324
RGBW, 20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	2.65 kg (5.84 lb)	401-000002-32	912400136325
RGBW, 20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	120°	111	2.5 W	2.65 kg (5.84 lb)	401-000002-37	912400136330
RGBW, 20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	2.99 kg (6.59 lb)	401-000002-33	912400136326
RGBW, 20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	120°	111	2.5 W	2.99 kg (6.59 lb)	401-000002-38	912400136331
RGBW, 20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	4.34 kg (9.57 lb)	401-000002-34	912400136327
RGBW, 20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	120°	111	2.5 W	4.34 kg (9.57 lb)	401-000002-39	912400136332
RGBW, 20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	4.55 kg (10.03 lb)	401-000002-35	912400136328
RGBW, 20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	120°	111	2.5 W	4.55 kg (10.03 lb)	401-000002-40	912400136333
RGBW, 20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	3.66 kg (8.07 lb)	401-000002-36	912400136329
RGBW, 20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	120°	111	2.5 W	3.66 kg (8.07 lb)	401-000002-41	912400136334

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

