

FlexElite RGBW

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

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

FlexElite is the brightest and most flexible member of our popular Flex family. It includes a from-the-ground-up redesign of all major elements, from its form factor to internal electronics to mechanical design. We created FlexElite to meet the challenges posed by large, unconventional buildings and structures. At its core, you'll find an innovative modular design that lets you create the exact number and configuration of nodes that you need for your design. FlexElite's sections and jumper cables click together quickly and easily, allowing unequalled customization impossible with less-modular solutions. Longer run lengths and node spacing let you take on larger challenges than possible in the past. 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 1,000 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.



[Product page](#)

Viewing Angle	140°, 180°
Lumens per node*	53 to 111
LED Channels	Red/Green/Blue/White

Input Voltage	48 VDC via PDS-400 48V CA4
Power Consumption	2.5 W
Housing Material	PBT plastic and powder-coated aluminium
Approbations	UL/cUL, FCC Class A, CE
Environment	Dry/Damp/Wet Location, IP66
Applications	Direct View

Clear Flat Lens Specification Sheets

PDF Download	Viewing Angle	Lumens*	Efficacy	Weight	Item Number	12 NC
RGBW, 1 Node, Black Node/Cable	140°	111	44.4	0.22 kg (0.49 lb)	401-000002-00	912400136292
RGBW, 1 Node, White Node/Cable	140°	111	44.4	0.22 kg (0.49 lb)	401-000002-01	912400136293
RGBW, 2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	0.35 kg (0.77 lb)	401-000002-02	912400136294
RGBW, 2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	0.38 kg (0.84 lb)	401-000002-03	912400136295
RGBW, 2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	0.39 kg (0.86 lb)	401-000002-04	912400136296
RGBW, 2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	0.42 kg (0.93 lb)	401-000002-05	912400136297
RGBW, 2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	0.51 kg (1.12 lb)	401-000002-06	912400136298
RGBW, 2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	0.35 kg (0.77 lb)	401-000002-07	912400136299

Clear Flat Lens Specification Sheets (cont.)

PDF Download	Viewing Angle	Lumens*	Efficacy	Weight	Item Number	12 NC
RGBW, 2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	0.38 kg (0.84 lb)	401-000002-08	912400136301
RGBW, 2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	0.39 kg (0.86 lb)	401-000002-09	912400136302
RGBW, 2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	0.42 kg (0.93 lb)	401-000002-10	912400136303
RGBW, 2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	0.51 kg (1.12 lb)	401-000002-11	912400136304
RGBW, 5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	0.73 kg (1.61 lb)	401-000002-12	912400136305
RGBW, 5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	0.82 kg (1.81 lb)	401-000002-13	912400136306
RGBW, 5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	0.9 kg (1.98 lb)	401-000002-14	912400136307
RGBW, 5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	0.96 kg (2.12 lb)	401-000002-15	912400136308
RGBW, 5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	1.18 kg (2.6 lb)	401-000002-16	912400136309
RGBW, 5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	0.73 kg (1.61 lb)	401-000002-17	912400136310
RGBW, 5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	0.82 kg (1.81 lb)	401-000002-18	912400136311
RGBW, 5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	0.9 kg (1.98 lb)	401-000002-19	912400136312
RGBW, 5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	0.96 kg (2.12 lb)	401-000002-20	912400136313
RGBW, 5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	1.18 kg (2.6 lb)	401-000002-21	912400136314
RGBW, 10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	1.37 kg (3.02 lb)	401-000002-22	912400136315
RGBW, 10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	1.54 kg (3.4 lb)	401-000002-23	912400136316
RGBW, 10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	1.73 kg (3.81 lb)	401-000002-24	912400136317
RGBW, 10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	1.86 kg (4.1 lb)	401-000002-25	912400136318
RGBW, 10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	2.3 kg (5.07 lb)	401-000002-26	912400136319
RGBW, 10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	1.37 kg (3.02 lb)	401-000002-27	912400136320
RGBW, 10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	1.54 kg (3.4 lb)	401-000002-28	912400136321
RGBW, 10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	1.73 kg (3.81 lb)	401-000002-29	912400136322
RGBW, 10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	1.86 kg (4.1 lb)	401-000002-30	912400136323
RGBW, 10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	2.3 kg (5.07 lb)	401-000002-31	912400136324
RGBW, 20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	2.65 kg (5.84 lb)	401-000002-32	912400136325
RGBW, 20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	2.99 kg (6.59 lb)	401-000002-33	912400136326
RGBW, 20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	4.34 kg (9.57 lb)	401-000002-34	912400136327
RGBW, 20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	4.55 kg (10.03 lb)	401-000002-35	912400136328
RGBW, 20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	3.66 kg (8.07 lb)	401-000002-36	912400136329
RGBW, 20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	111	44.4	2.65 kg (5.84 lb)	401-000002-37	912400136330
RGBW, 20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	111	44.4	2.99 kg (6.59 lb)	401-000002-38	912400136331
RGBW, 20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	111	44.4	4.34 kg (9.57 lb)	401-000002-39	912400136332
RGBW, 20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	111	44.4	4.55 kg (10.03 lb)	401-000002-40	912400136333
RGBW, 20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	111	44.4	3.66 kg (8.07 lb)	401-000002-41	912400136334

Dome Lens Specification Sheets

PDF Download	Viewing Angle	Lumens*	Item Number	12 NC	Dome Lens Item Number	Dome Lens 12 NC
RGBW, 1 Node, Black Node/Cable with dome lens	180°	53	401-000002-00	912400136292	120-000204-02	912400136444
RGBW, 1 Node, White Node/Cable with dome lens	180°	53	401-000002-01	912400136293	120-000204-03	912400136445
RGBW, 2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-02	912400136294	120-000204-02	912400136444
RGBW, 2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-03	912400136295	120-000204-02	912400136444
RGBW, 2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-04	912400136296	120-000204-02	912400136444
RGBW, 2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-05	912400136297	120-000204-02	912400136444
RGBW, 2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-06	912400136298	120-000204-02	912400136444
RGBW, 2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-07	912400136299	120-000204-03	912400136445

Dome Lens Specification Sheets (cont.)

PDF Download	Viewing Angle	Lumens*	Item Number	12 NC	Dome Lens Item Number	Dome Lens 12 NC
RGBW, 2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-08	912400136301	120-000204-03	912400136445
RGBW, 2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-09	912400136302	120-000204-03	912400136445
RGBW, 2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-10	912400136303	120-000204-03	912400136445
RGBW, 2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-11	912400136304	120-000204-03	912400136445
RGBW, 5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-12	912400136305	120-000204-02	912400136444
RGBW, 5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-13	912400136306	120-000204-02	912400136444
RGBW, 5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-14	912400136307	120-000204-02	912400136444
RGBW, 5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-15	912400136308	120-000204-02	912400136444
RGBW, 5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-16	912400136309	120-000204-02	912400136444
RGBW, 5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-17	912400136310	120-000204-03	912400136445
RGBW, 5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-18	912400136311	120-000204-03	912400136445
RGBW, 5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-19	912400136312	120-000204-03	912400136445
RGBW, 5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-20	912400136313	120-000204-03	912400136445
RGBW, 5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-21	912400136314	120-000204-03	912400136445
RGBW, 10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-22	912400136315	120-000204-02	912400136444
RGBW, 10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-23	912400136316	120-000204-02	912400136444
RGBW, 10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-24	912400136317	120-000204-02	912400136444
RGBW, 10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-25	912400136318	120-000204-02	912400136444
RGBW, 10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-26	912400136319	120-000204-02	912400136444
RGBW, 10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-27	912400136320	120-000204-03	912400136445
RGBW, 10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-28	912400136321	120-000204-03	912400136445
RGBW, 10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-29	912400136322	120-000204-03	912400136445
RGBW, 10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-30	912400136323	120-000204-03	912400136445
RGBW, 10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-31	912400136324	120-000204-03	912400136445
RGBW, 20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-32	912400136325	120-000204-02	912400136444
RGBW, 20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-33	912400136326	120-000204-02	912400136444
RGBW, 20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-34	912400136327	120-000204-02	912400136444
RGBW, 20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-35	912400136328	120-000204-02	912400136444
RGBW, 20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-36	912400136329	120-000204-02	912400136444
RGBW, 20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	53	401-000002-37	912400136330	120-000204-03	912400136445
RGBW, 20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	53	401-000002-38	912400136331	120-000204-03	912400136445
RGBW, 20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-39	912400136332	120-000204-03	912400136445
RGBW, 20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	53	401-000002-40	912400136333	120-000204-03	912400136445
RGBW, 20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	53	401-000002-41	912400136334	120-000204-03	912400136445

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

‡ Dome lens sold separately



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Color Kinetics
www.colorkinetics.com/global/products/rgb/flexelite-icolor-rgbw/