

FlexElite RGBA

Flexible, bright, and beautiful direct-view LED lighting with RGBA 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 RGBA adds a separate amber LED which expands the available range of colors to include warmer tones such as rich gold, yellow and orange shades.

- **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*	42 to 94
LED Channels	Red/Green/Blue/Amber

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
RGBA, 1 Node, Black Node/Cable	140°	94	37.9	0.22 kg (0.49 lb)	401-000003-00	912400136377
RGBA, 1 Node, White Node/Cable	140°	94	37.9	0.22 kg (0.49 lb)	401-000003-01	912400136378
RGBA, 2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	0.35 kg (0.77 lb)	401-000003-02	912400136379
RGBA, 2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	0.38 kg (0.84 lb)	401-000003-03	912400136380
RGBA, 2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	0.39 kg (0.86 lb)	401-000003-04	912400136381
RGBA, 2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	0.42 kg (0.93 lb)	401-000003-05	912400136382
RGBA, 2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	0.51 kg (1.12 lb)	401-000003-06	912400136383
RGBA, 2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	0.35 kg (0.77 lb)	401-000003-07	912400136384

Clear Flat Lens Specification Sheets (cont.)

PDF Download	Viewing Angle	Lumens*	Efficacy	Weight	Item Number	12 NC
RGBA, 2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	0.38 kg (0.84 lb)	401-000003-08	912400136385
RGBA, 2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	0.39 kg (0.86 lb)	401-000003-09	912400136386
RGBA, 2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	0.42 kg (0.93 lb)	401-000003-10	912400136387
RGBA, 2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	0.51 kg (1.12 lb)	401-000003-11	912400136388
RGBA, 5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	0.73 kg (1.61 lb)	401-000003-12	912400136389
RGBA, 5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	0.82 kg (1.81 lb)	401-000003-13	912400136390
RGBA, 5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	0.9 kg (1.98 lb)	401-000003-14	912400136391
RGBA, 5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	0.96 kg (2.12 lb)	401-000003-15	912400136392
RGBA, 5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	1.18 kg (2.6 lb)	401-000003-16	912400136393
RGBA, 5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	0.73 kg (1.61 lb)	401-000003-17	912400136394
RGBA, 5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	0.82 kg (1.81 lb)	401-000003-18	912400136395
RGBA, 5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	0.9 kg (1.98 lb)	401-000003-19	912400136396
RGBA, 5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	0.96 kg (2.12 lb)	401-000003-20	912400136397
RGBA, 5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	1.18 kg (2.6 lb)	401-000003-21	912400136398
RGBA, 10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	1.37 kg (3.02 lb)	401-000003-22	912400136399
RGBA, 10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	1.54 kg (3.4 lb)	401-000003-23	912400136401
RGBA, 10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	1.73 kg (3.81 lb)	401-000003-24	912400136402
RGBA, 10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	1.86 kg (4.1 lb)	401-000003-25	912400136403
RGBA, 10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	2.3 kg (5.07 lb)	401-000003-26	912400136404
RGBA, 10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	1.37 kg (3.02 lb)	401-000003-27	912400136405
RGBA, 10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	1.54 kg (3.4 lb)	401-000003-28	912400136406
RGBA, 10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	1.73 kg (3.81 lb)	401-000003-29	912400136407
RGBA, 10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	1.86 kg (4.1 lb)	401-000003-30	912400136408
RGBA, 10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	2.3 kg (5.07 lb)	401-000003-31	912400136409
RGBA, 20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	2.65 kg (5.84 lb)	401-000003-32	912400136410
RGBA, 20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	2.99 kg (6.59 lb)	401-000003-33	912400136411
RGBA, 20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	4.34 kg (9.57 lb)	401-000003-34	912400136412
RGBA, 20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	4.55 kg (10.03 lb)	401-000003-35	912400136413
RGBA, 20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	3.66 kg (8.07 lb)	401-000003-36	912400136414
RGBA, 20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	94	37.9	2.65 kg (5.84 lb)	401-000003-37	912400136415
RGBA, 20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	94	37.9	2.99 kg (6.59 lb)	401-000003-38	912400136416
RGBA, 20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	94	37.9	4.34 kg (9.57 lb)	401-000003-39	912400136417
RGBA, 20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	94	37.9	4.55 kg (10.03 lb)	401-000003-41	912400136419
RGBA, 20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	94	37.9	3.66 kg (8.07 lb)	401-000003-40	912400136418

Dome Lens Specification Sheets

PDF Download	Viewing Angle	Lumens*	Item Number	12 NC	Dome Lens Item Number	Dome Lens 12 NC
RGBA, 1 Node, Black Node/Cable with dome lens	180°	42	401-000003-00	912400136377	120-000204-02	912400136444
RGBA, 1 Node, White Node/Cable with dome lens	180°	42	401-000003-01	912400136378	120-000204-03	912400136445
RGBA, 2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-02	912400136379	120-000204-02	912400136444
RGBA, 2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-03	912400136380	120-000204-02	912400136444
RGBA, 2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-04	912400136381	120-000204-02	912400136444
RGBA, 2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-05	912400136382	120-000204-02	912400136444
RGBA, 2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-06	912400136383	120-000204-02	912400136444
RGBA, 2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-07	912400136384	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
RGBA, 2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-08	912400136385	120-000204-03	912400136445
RGBA, 2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-09	912400136386	120-000204-03	912400136445
RGBA, 2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-10	912400136387	120-000204-03	912400136445
RGBA, 2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-11	912400136388	120-000204-03	912400136445
RGBA, 5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-12	912400136389	120-000204-02	912400136444
RGBA, 5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-13	912400136390	120-000204-02	912400136444
RGBA, 5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-14	912400136391	120-000204-02	912400136444
RGBA, 5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-15	912400136392	120-000204-02	912400136444
RGBA, 5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-16	912400136393	120-000204-02	912400136444
RGBA, 5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-17	912400136394	120-000204-03	912400136445
RGBA, 5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-18	912400136395	120-000204-03	912400136445
RGBA, 5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-19	912400136396	120-000204-03	912400136445
RGBA, 5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-20	912400136397	120-000204-03	912400136445
RGBA, 5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-21	912400136398	120-000204-03	912400136445
RGBA, 10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-22	912400136399	120-000204-02	912400136444
RGBA, 10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-23	912400136401	120-000204-02	912400136444
RGBA, 10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-24	912400136402	120-000204-02	912400136444
RGBA, 10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-25	912400136403	120-000204-02	912400136444
RGBA, 10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-26	912400136404	120-000204-02	912400136444
RGBA, 10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-27	912400136405	120-000204-03	912400136445
RGBA, 10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-28	912400136406	120-000204-03	912400136445
RGBA, 10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-29	912400136407	120-000204-03	912400136445
RGBA, 10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-30	912400136408	120-000204-03	912400136445
RGBA, 10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-31	912400136409	120-000204-03	912400136445
RGBA, 20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-32	912400136410	120-000204-02	912400136444
RGBA, 20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-33	912400136411	120-000204-02	912400136444
RGBA, 20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-34	912400136412	120-000204-02	912400136444
RGBA, 20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-35	912400136413	120-000204-02	912400136444
RGBA, 20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-36	912400136414	120-000204-02	912400136444
RGBA, 20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	42	401-000003-37	912400136415	120-000204-03	912400136445
RGBA, 20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	42	401-000003-38	912400136416	120-000204-03	912400136445
RGBA, 20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-39	912400136417	120-000204-03	912400136445
RGBA, 20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	42	401-000003-41	912400136419	120-000204-03	912400136445
RGBA, 20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	42	401-000003-40	912400136418	120-000204-03	912400136445

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

‡ Dome lens sold separately



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