

FlexElite IntelliHue

Exterior bright and beautiful flexible direct view luminaire with intelligent white and color light

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

FlexElite is the brightest and most flexible member of our popular Flex family, and it includes a 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 IntelliHue produces millions of saturated colors, pastels, and high-quality white light, in the same precisely controllable luminaire.

- **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.
- **Brighter Output**—FlexElite is the brightest Flex luminaire available, outputting over 100 lumens per node in RGBA versions, over 110 lumens per node in RGBW versions, and over 130 lumens per node in IntelliHue versions. At its brightest, FlexElite IntelliHue achieves 150 lumens per node.



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Viewing Angle	140°, 180°
Lumens per node*	64 to 132
LED Channels	Red/Green/Royal Blue/Lime Green
Application	Direct View

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

Specification Sheets

PDF Download	Viewing Angle	Lumens*	Item Number	12 NC
1 Node, Black Node/Cable	140°	132	401-000001-00	912400136335
1 Node, White Node/Cable	140°	132	401-000001-01	912400136336
2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-02	912400136337
2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-03	912400136338
2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-04	912400136339
2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-05	912400136340
2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-06	912400136341
2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-07	912400136342
2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-08	912400136343
2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-09	912400136344
2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-10	912400136345
2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-11	912400136346

Clear Flat Lens Specification Sheets (cont.)

PDF Download	Viewing Angle	Lumens*	Item Number	12 NC
5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-12	912400136347
5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-13	912400136348
5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-14	912400136349
5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-15	912400136350
5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-16	912400136351
5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-17	912400136352
5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-18	912400136353
5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-19	912400136354
5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-20	912400136355
5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-21	912400136356
10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-22	912400136357
10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-23	912400136358
10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-24	912400136359
10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-25	912400136360
10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-26	912400136361
10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-27	912400136362
10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-28	912400136363
10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-29	912400136364
10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-30	912400136365
10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-31	912400136366
20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-32	912400136367
20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-33	912400136368
20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-34	912400136369
20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-35	912400136370
20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-36	912400136371
20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing	140°	132	401-000001-37	912400136372
20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing	140°	132	401-000001-38	912400136373
20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing	140°	132	401-000001-39	912400136374
20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing	140°	132	401-000001-40	912400136375
20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing	140°	132	401-000001-41	912400136376

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

‡ Dome lens sold separately

Dome Lens Specification Sheets

PDF Download	Viewing Angle	Lumens*	Item Number	12 NC	Dome Lens Item Number	Dome Lens 12 NC
1 Node, Black Node/Cable with dome lens	180°	64	401-000001-00	912400136335	120-000204-02	912400136444
1 Node, White Node/Cable with dome lens	180°	64	401-000001-01	912400136336	120-000204-03	912400136445
2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-02	912400136337	120-000204-02	912400136444
2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-03	912400136338	120-000204-02	912400136444
2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-04	912400136339	120-000204-02	912400136444
2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-05	912400136340	120-000204-02	912400136444
2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-06	912400136341	120-000204-02	912400136444
2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-07	912400136342	120-000204-03	912400136445
2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-08	912400136343	120-000204-03	912400136445
2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-09	912400136344	120-000204-03	912400136445
2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-10	912400136345	120-000204-03	912400136445
2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-11	912400136346	120-000204-03	912400136445
5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-12	912400136347	120-000204-02	912400136444
5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-13	912400136348	120-000204-02	912400136444
5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-14	912400136349	120-000204-02	912400136444
5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-15	912400136350	120-000204-02	912400136444
5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-16	912400136351	120-000204-02	912400136444
5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-17	912400136352	120-000204-03	912400136445
5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-18	912400136353	120-000204-03	912400136445
5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-19	912400136354	120-000204-03	912400136445
5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-20	912400136355	120-000204-03	912400136445
5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-21	912400136356	120-000204-03	912400136445
10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-22	912400136357	120-000204-02	912400136444
10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-23	912400136358	120-000204-02	912400136444
10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-24	912400136359	120-000204-02	912400136444
10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-25	912400136360	120-000204-02	912400136444
10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-26	912400136361	120-000204-02	912400136444
10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-27	912400136362	120-000204-03	912400136445
10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-28	912400136363	120-000204-03	912400136445
10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-29	912400136364	120-000204-03	912400136445
10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-30	912400136365	120-000204-03	912400136445
10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-31	912400136366	120-000204-03	912400136445
20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-32	912400136367	120-000204-02	912400136444
20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-33	912400136368	120-000204-02	912400136444
20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-34	912400136369	120-000204-02	912400136444
20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-35	912400136370	120-000204-02	912400136444
20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-36	912400136371	120-000204-02	912400136444
20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens	180°	64	401-000001-37	912400136372	120-000204-03	912400136445
20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens	180°	64	401-000001-38	912400136373	120-000204-03	912400136445
20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-39	912400136374	120-000204-03	912400136445
20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens	180°	64	401-000001-40	912400136375	120-000204-03	912400136445
20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens	180°	64	401-000001-41	912400136376	120-000204-03	912400136445

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

‡ Dome lens sold separately