

# FlexElite iW

Exterior bright and beautiful flexible direct view luminaire with tunable white light

Date: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Firm Name: \_\_\_\_\_  
 Project: \_\_\_\_\_

FlexElite is the brightest and most flexible member of the Flex family. 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. Longer run lengths and node spacing let you take on larger challenges than possible in the past. FlexElite iW has 4 channels of white light that can be combined to offer variable color temperatures. With our Chromasync technology, you can also use a single channel to provide Essential White light at the same brightness as in 4-channel mode.

- 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*	65 to 142
LED Channels <sup>s</sup>	2200 K/3000 K/4000 K/6500 K

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
<a href="#">1 Node, Black Node/Cable</a>	140°	142	59.1	0.22 kg (0.49 lb)	501-000017-00	912400136944
<a href="#">1 Node, White Node/Cable</a>	140°	142	59.1	0.22 kg (0.49 lb)	501-000017-01	912400136945
<a href="#">2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	0.35 kg (0.77 lb)	501-000017-02	912400136946
<a href="#">2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	0.38 kg (0.84 lb)	501-000017-03	912400136947
<a href="#">2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	0.39 kg (0.86 lb)	501-000017-04	912400136948
<a href="#">2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	0.42 kg (0.93 lb)	501-000017-05	912400136949
<a href="#">2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	0.51 kg (1.12 lb)	501-000017-06	912400136950
<a href="#">2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	0.35 kg (0.77 lb)	501-000017-07	912400136951

## Clear Flat Lens Specification Sheets (cont.)

PDF Download	Viewing Angle	Lumens*	Efficacy	Weight	Item Number	12 NC
<a href="#">2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	0.38 kg (0.84 lb)	501-000017-08	912400136952
<a href="#">2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	0.39 kg (0.86 lb)	501-000017-09	912400136953
<a href="#">2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	0.42 kg (0.93 lb)	501-000017-10	912400136954
<a href="#">2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	0.51 kg (1.12 lb)	501-000017-11	912400136955
<a href="#">5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	0.73 kg (1.61 lb)	501-000017-12	912400136956
<a href="#">5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	0.82 kg (1.81 lb)	501-000017-13	912400136957
<a href="#">5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	0.9 kg (1.98 lb)	501-000017-14	912400136958
<a href="#">5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	0.96 kg (2.12 lb)	501-000017-15	912400136959
<a href="#">5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	1.18 kg (2.6 lb)	501-000017-16	912400136960
<a href="#">5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	0.73 kg (1.61 lb)	501-000017-17	912400136961
<a href="#">5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	0.82 kg (1.81 lb)	501-000017-18	912400136962
<a href="#">5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	0.9 kg (1.98 lb)	501-000017-19	912400136963
<a href="#">5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	0.96 kg (2.12 lb)	501-000017-20	912400136964
<a href="#">5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	1.18 kg (2.6 lb)	501-000017-21	912400136965
<a href="#">10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	1.37 kg (3.02 lb)	501-000017-22	912400136966
<a href="#">10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	1.54 kg (3.4 lb)	501-000017-23	912400136967
<a href="#">10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	1.73 kg (3.81 lb)	501-000017-24	912400136968
<a href="#">10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	1.86 kg (4.1 lb)	501-000017-25	912400136969
<a href="#">10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	2.3 kg (5.07 lb)	501-000017-26	912400136970
<a href="#">10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	1.37 kg (3.02 lb)	501-000017-27	912400136971
<a href="#">10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	1.54 kg (3.4 lb)	501-000017-28	912400136972
<a href="#">10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	1.73 kg (3.81 lb)	501-000017-29	912400136973
<a href="#">10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	1.86 kg (4.1 lb)	501-000017-30	912400136974
<a href="#">10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	2.3 kg (5.07 lb)	501-000017-31	912400136975
<a href="#">20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	2.65 kg (5.84 lb)	501-000017-32	912400136976
<a href="#">20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	2.99 kg (6.59 lb)	501-000017-33	912400136977
<a href="#">20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	4.34 kg (9.57 lb)	501-000017-34	912400136978
<a href="#">20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	4.55 kg (10.03 lb)	501-000017-35	912400136979
<a href="#">20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	3.66 kg (8.07 lb)	501-000017-36	912400136980
<a href="#">20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing</a>	140°	142	59.1	2.65 kg (5.84 lb)	501-000017-37	912400136981
<a href="#">20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing</a>	140°	142	59.1	2.99 kg (6.59 lb)	501-000017-38	912400136982
<a href="#">20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing</a>	140°	142	59.1	4.34 kg (9.57 lb)	501-000017-39	912400136983
<a href="#">20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing</a>	140°	142	59.1	4.55 kg (10.03 lb)	501-000017-40	912400136984
<a href="#">20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing</a>	140°	142	59.1	3.66 kg (8.07 lb)	501-000017-41	912400136985

## Dome Lens Specification Sheets

PDF Download	Viewing Angle	Lumens*	Item Number	12 NC	Dome Lens Item Number	Dome Lens 12 NC
<a href="#">1 Node, Black Node/Cable with dome lens</a>	180°	65	501-000017-00	912400136944	120-000204-02	912400136444
<a href="#">1 Node, White Node/Cable with dome lens</a>	180°	65	501-000017-01	912400136945	120-000204-03	912400136445
<a href="#">2 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-02	912400136946	120-000204-02	912400136444
<a href="#">2 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-03	912400136947	120-000204-02	912400136444
<a href="#">2 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-04	912400136948	120-000204-02	912400136444
<a href="#">2 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-05	912400136949	120-000204-02	912400136444
<a href="#">2 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-06	912400136950	120-000204-02	912400136444
<a href="#">2 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-07	912400136951	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
<a href="#">2 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-08	912400136952	120-000204-03	912400136445
<a href="#">2 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-09	912400136953	120-000204-03	912400136445
<a href="#">2 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-10	912400136954	120-000204-03	912400136445
<a href="#">2 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-11	912400136955	120-000204-03	912400136445
<a href="#">5 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-12	912400136956	120-000204-02	912400136444
<a href="#">5 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-13	912400136957	120-000204-02	912400136444
<a href="#">5 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-14	912400136958	120-000204-02	912400136444
<a href="#">5 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-15	912400136959	120-000204-02	912400136444
<a href="#">5 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-16	912400136960	120-000204-02	912400136444
<a href="#">5 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-17	912400136961	120-000204-03	912400136445
<a href="#">5 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-18	912400136962	120-000204-03	912400136445
<a href="#">5 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-19	912400136963	120-000204-03	912400136445
<a href="#">5 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-20	912400136964	120-000204-03	912400136445
<a href="#">5 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-21	912400136965	120-000204-03	912400136445
<a href="#">10 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-22	912400136966	120-000204-02	912400136444
<a href="#">10 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-23	912400136967	120-000204-02	912400136444
<a href="#">10 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-24	912400136968	120-000204-02	912400136444
<a href="#">10 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-25	912400136969	120-000204-02	912400136444
<a href="#">10 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-26	912400136970	120-000204-02	912400136444
<a href="#">10 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-27	912400136971	120-000204-03	912400136445
<a href="#">10 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-28	912400136972	120-000204-03	912400136445
<a href="#">10 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-29	912400136973	120-000204-03	912400136445
<a href="#">10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-30	912400136974	120-000204-03	912400136445
<a href="#">10 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-31	912400136975	120-000204-03	912400136445
<a href="#">20 Nodes, Black Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-32	912400136976	120-000204-02	912400136444
<a href="#">20 Nodes, Black Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-33	912400136977	120-000204-02	912400136444
<a href="#">20 Nodes, Black Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-34	912400136978	120-000204-02	912400136444
<a href="#">20 Nodes, Black Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-35	912400136979	120-000204-02	912400136444
<a href="#">20 Nodes, Black Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-36	912400136980	120-000204-02	912400136444
<a href="#">20 Nodes, White Node/Cable, 152 mm (6 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-37	912400136981	120-000204-03	912400136445
<a href="#">20 Nodes, White Node/Cable, 305 mm (12 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-38	912400136982	120-000204-03	912400136445
<a href="#">20 Nodes, White Node/Cable, 500 mm (1.6 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-39	912400136983	120-000204-03	912400136445
<a href="#">20 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-40	912400136984	120-000204-03	912400136445
<a href="#">20 Nodes, White Node/Cable, 1 m (3.3 ft) On-Center Node Spacing with dome lens</a>	180°	65	501-000017-41	912400136985	120-000204-03	912400136445

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

§ Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.

‡ Dome lens sold separately



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Color Kinetics  
www.colorkinetics.com/global/products/intelliwhite/flexelite-iw