



FlexElite IntelliHue

FlexElite IntelliHue, 10 Nodes, White Node/Cable, 610 mm (24 in) On-Center Node Spacing

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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.

Product data

General information	
Light source color	IntelliHue
Light source replaceable	No
Optic type	Beam angle 120°
Optical cover/lens type	Tempered glass
Luminaire light beam spread	140°
CE mark	CE mark
UL mark	UL and cUL mark
Optic type outdoor	Very wide beam angle 120°
Light technical	
Light source flux per node	132 lm

On-axis intensity in candela	52
Luminance per node	111353
Operating and electrical	
Input Voltage	48 V
Mechanical and housing	
Housing Material	Polybutylene terephthalate
Optical cover/lens material	Tempered glass
Color	White

Datasheet, 2022, July 25 data subject to change

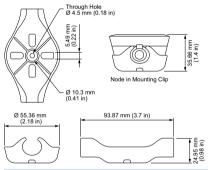
FlexElite IntelliHue

Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK06 [1 J] Vibration Standard Complies with ANSI C136.31, 3G	Approval and application	
Mech. impact protection code Vibration Standard Complies with ANSI C136.31, 3G Corrosion Resistance Complies with ASTM B117 standard for a 1,500 hours FCC mark FCC Class A Vibration Rating Complies with ANSI C136.31, 3G Initial performance (IEC compliant) Initial luminous flux (system flux) Initial luminous flux at color temperature of 137 lm 2700 K Initial luminous flux at color temperature of 149 lm 4000 K Initial LED luminaire efficacy Initial input power 2.5 W Over time performance (IEC compliant) Lumen Maintenance 50% at 25°C Calculated 100000 Lumen Maintenance 50% at 50°C Calculated 100000 Lumen Maintenance 70% at 25°C Reported 42000 Lumen Maintenance 70% at 25°C Calculated 100000 Lumen Maintenance 70% at 50°C Calculated 100000		IP66 [Dust penetration-protected, jet-
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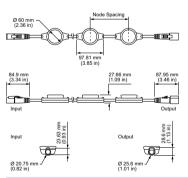
Lumen Maintenance 80% at 25°C Calculated	100000
Lumen Maintenance 80% at 25°C Reported	42000
Lumen Maintenance 80% at 50°C Calculated	80740
Lumen Maintenance 80% at 50°C Reported	42000
Lumen Maintenance 90% at 25°C Calculated	44802
Lumen Maintenance 90% at 25°C Reported	42000
Lumen Maintenance 90% at 50°C Calculated	35439
Lumen Maintenance 90% at 50°C Reported	35439
Application conditions	
Ambient temperature range	-40 to +50 °C
Product data	
Full product code	871869937555399
Order product name	BGC496 IHUE ROGGRBPL 10 WH P610
EAN/UPC - Product	8718699375553
Order code	401-000001-30
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	912400136365
Net Weight (Piece)	1.860 kg
Catalog Number	401-000001-30
Catalog Number Description	FlexElite IntelliHue, 10 Nodes, White
	Node/Cable, 610 mm (24 in) On-Center
	Node Spacing



Dimensional drawing







BGC496 IHUE ROGGRBPL 10 WH P610

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