



SPECTRA

POWERED BY HYPERLUX®

The Spectra is the best roofline lighting solution, delivering a traditional C9 look that homeowners and commercial property owners demand. Built on **2×RGB + a dedicated warm white LED**, every nugget is digitally addressable for the full range of static and dynamic effects — so your installations celebrate every special occasion and festival, year round.

Features and Advantages:



Plug 'n' Play Solution
No Splicing
Snap-Fit Connectors



IP65 Waterproof
Lighting



Highest Lumens Output
per Channel with
HyperLux Technology



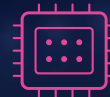
Dedicated 3000K
Warm White LED



One Controller
drives up to 400 Spectra
Nuggets at 24V



43% More Efficient
Installation, Best for
Curves
and Complex Elevations



Works with MeshTek's
Advanced Bluetooth Mesh
Controller and Apps



Fits in Patented
UV-Protected Acrylic Track
Invisible During The Day

General Specifications:

Standard Supply Voltage	24V DC (using MeshTek-provided 24V DC MeanWell Power Supply)
Operating Temperature	-10°C to +50°C
Dimensions (mm)	Nugget: 32 × 32 × 18 (+/-0.2 mm)
LED Configuration	2 × Digitally Addressable RGB + Dedicated 3000K Warm White
Lumens Output	42 lm
Night Sky Compliance	Complies with Night Sky Compliance
Color (Nugget)	Clear UV-stabilized housing
IP Rating	IP65
Light Output	16 million colors and dimmable
Whites Color Temperature Range	2000K to 7500K (via RGBW mixing); dedicated 3000K channel
Data Line	4-wire with data redundancy
Track System	Aviation-grade cast acrylic, UltraBond-backed; 2-part base & cover
Cover Colors	White, Dark Brown, Tan, Grey, Black

Figures are based on light testing and product datasheets, shown per channel. © BlueHopper Solutions LLC, a MeshTek company.