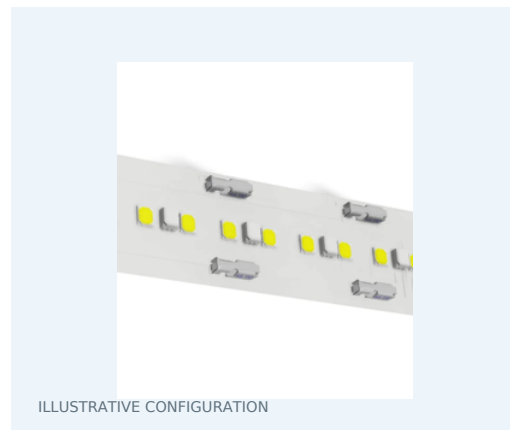


RGBW LED PLATFORM

FlexHue

RGB colour. A separate LED for white.

FlexHue combines RGB colour with a separate, dedicated white LED. Choose a constant-voltage design or a constant-current design driven by four independently regulated channels—one each for red, green, blue and white.



Platform specifications

Supply format	Master reels up to 100 m, or cut lengths
Cut increments	As small as 0.5 inch (12.7 mm), depending on circuit configuration
Width	20 mm+, configured for your luminaire
White CRI / phosphor	90+ CRI with KSF phosphor
White CCT options	2700 / 3000 / 3500 / 4000 / 4500 / 5000 / 6500 K
Typical voltage	36 V Typ for constant-current configurations; constant-voltage rating specified per design
Copper	Heavy copper for long runs with minimal voltage drop
Drive type	Constant voltage or constant current; CC designs use a four-channel driver with independent constant-current regulation on each channel
Connection	Standard: naked SMT poke-in connectors; housed connectors on request; solder pads for direct wire soldering
Construction	Flexible polyimide with reflective white coverlay
Channels	4 · red, green, blue and a separate dedicated white LED

Integration notes

Choose the voltage or current drive architecture at design stage; use a compatible driver for that configuration. Current, thermal design and feed locations determine run length. Confirm final ratings and dimensions for your luminaire.

Use with a driver matched to the specified circuit architecture and suitable thermal management. Environmental protection and final compliance depend on the complete fixture. Confirm final electrical ratings, dimensions and installation requirements before design approval.

Make it work for your luminaire.

Ask about sample configurations, project requirements and production options.