

HaluStrip Duo

100cm dual layer LED bar with 14x 2700K 4° Beams + 3x42 RGBWW pixels IP65

ORDER CODE: **HALUSTRIPDUO**



TECHNICAL SPECIFICATION

LIGHT SOURCE

- Light source: 1 x 14 4° 2700K LEDs + 3 x 42 120° RGB+WW LEDs
- Luminous flux: 4'044 lm (total) @Full
- Luminous flux: 3'871 lm (beam layer) | 3'034 lm (pixel layer) @Full
- Lux: 7'673lx @5 m full
- Lux: (beam layer) 14'519 lx | (pixel layer) 45lx @5 m full
- CRI: (beam layer) > 81,6 @2700K; (pixel layer) 92,2 @3200K; 90 @5600K
- R9: (pixel layer) 94,4 @3200K; 95,4 @5600K
- Source life expectancy: > 30.000 h

OPTICS

- Beam angle: (Beams) 4,9°; (Pixels) 111,5°
- Field angle: (Beams) 7,4°; (Pixels) 151,3°
- Additional optics: available optional optics for beam LEDs 12°, 24°
- Other: Pixel pitch (BEAMS) 72 mm | (PIXELS) 24 mm

COLOUR SYSTEM

- Colour mixing: (beam layer) Warm White (2700K), (pixel layer) RGB + Warm White
- Macros: several pre-built pixel macros with adjustable speed

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer, colours
- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Static mode: selection of static dimmer, colors and color temperature

BODY

- Bracket system: spigot for tripod use and bracket for truss rigging
- Hardware on-board: on board mechanics for modular assembly of multiple fixtures
- Body: weatherproof IP65 construction with magnesium alloy
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, ArtNet, RDMnet, sACN, CRMX (optional)
- DMX channels: from 12 channels to 518channel
- Pixel control: pixel2pixel control

The **HaluStrip** DUO is a dual layer LED strip that seamlessly integrates lighting and video capabilities into a modular design. This twin-source unit offers high-power, long-throw white beams alongside high-brightness video and strobe features, with full pixel-level control. This integration facilitates diverse and dynamic lighting setups, suitable for a variety of professional stages and TV applications.

Each unit of **HaluStrip** DUO comprises two distinct layers of light sources: 126 (3x42) RGB+WW pixels with a 120° beam spread, and 14 (1x14) WarmWhite 4° beam sources. The total power draw is 170W, which can be distributed between either or both groups of light sources according to user preference. Additionally, each emitter is individually pixel controllable, enabling the display of video content on either one or both sources. This offers exceptional brightness and unmatched colors.

The modular frame of **HaluStrip** DUO, akin to LED tile structures, allows seamless interlocking of multiple units. This maintains a consistent pixel pitch across both source groups when using several devices. The frame is designed for versatility, supporting various configurations such as flat or curved, hanging or ground stacking.

HaluStrip DUO also excels as an all-weather lighting solution. Its IP65-rated design ensures reliability and durability in both indoor and outdoor applications, protecting against water and dust.

In terms of connectivity, **HaluStrip** DUO comes with an integrated power supply and user interface. It supports a variety of lighting protocols including DMX, RDM, sACN, Art-Net and RDMnet, offering unparalleled flexibility for any setup.

MAIN FEATURES

- 200W: 14x2700K 4° Beam + 3x42 RGBWW Pixels
- Equipped with built-in retractable feet for floor positioning
- Seamless modular frame for flat, hanging / ground, on yoke configurations
- DMX, RDM, sACN, Art-net and RDMnet protocols supported
- Available optional optics for beam LEDs - 12°, 24°

- Wireless Control: optional, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: via DMX with UPBOXPRO (USB-DMX interface not included) or via Ethernet (Art-Net with DMX-Workshop)
- Master/Slave: for synchronised operation of more units linked in a chain
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered.

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: up to 6 independent selectable dimmer curves per source
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -20° C / +45° C (-4° F / +113° F) Ta
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 170W
- Standby power: 7,8 W
- Output (at 230V): 14 units on a single power line
- Output (at 120V): 7 units on a single power line
- Power factor: > 0,94

PHYSICAL

- IP rating: IP65 for temporary outdoor application, not for fixed installations
- Cooling: natural convection cooling enabled by a fanless design and a chassis engineered for passive heat dissipation
- Suspension and fixing: spigot for tripod use, bracket for truss rigging and hardware for connection of more units
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: Seetronic Ethernet IP in/out connectors
- Power connection: Seetronic powerCON waterproof IN/OUT connectors
- Dimensions (WxHxD): 1000 x 71 x 183mm / 39.37"x2.8"x7.2"
- Weight: 8kg / 17.64lbs

CERTIFICATIONS / APPROVALS

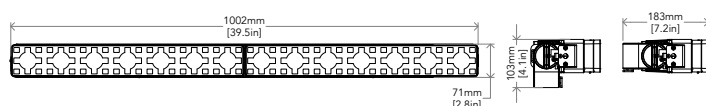
- Certifications / Approvals: CE, RCM, FCC, cTUVus

ACCESSORIES & RELATED PRODUCTS

- FCLHALUSTRIPDUO Flight case for 6 pcs of HALUSTRIPDUO
- HDFILTBK Black adhesive filter designed for a single HALUPIXDUO strip
- HSDUOCLS Locking system designed for HALUSTRIPDUO for curvable installations
- HSDUO90LS Locking system designed for HALUSTRIPDUO for 90° installations (angles and squares)
- HDL12/24 Optional Beam Lenses 12°/24° for HALUPIXDUO
- SBLFLXFLR Floor bracket for SUNBLASTFLX
- ECLFRSPG Spigot for PROLIGHTS fixtures
- OS25PLUS Quick-lock omega bracket, M12 hole
- OS25H3PLUS Quick-lock omega bracket, 6 cm height, M12 hole
- VBHGB01 Fly bar / ground bar for HALUPIXDUO, 1 column
- VBHGB02 Fly bar / ground bar for HALUPIXDUO, 2 column
- HDWK Wireless Kit for HALUPIXDUO
- IPTSTBOX Portable vacuum and pressure tester for ProLights IP fixtures
- RSR1235B Steel security cable for hanging bodies, inox steel shackle,

- C6016B Selflock slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black&White& White
- ÆTHERBOX IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
- ÆTHERBOXONE IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and PO
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
- 9513FXWL03 Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
- 9533FXWL03 Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m
- 958225L03 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
- TOUR53415L03 Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

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