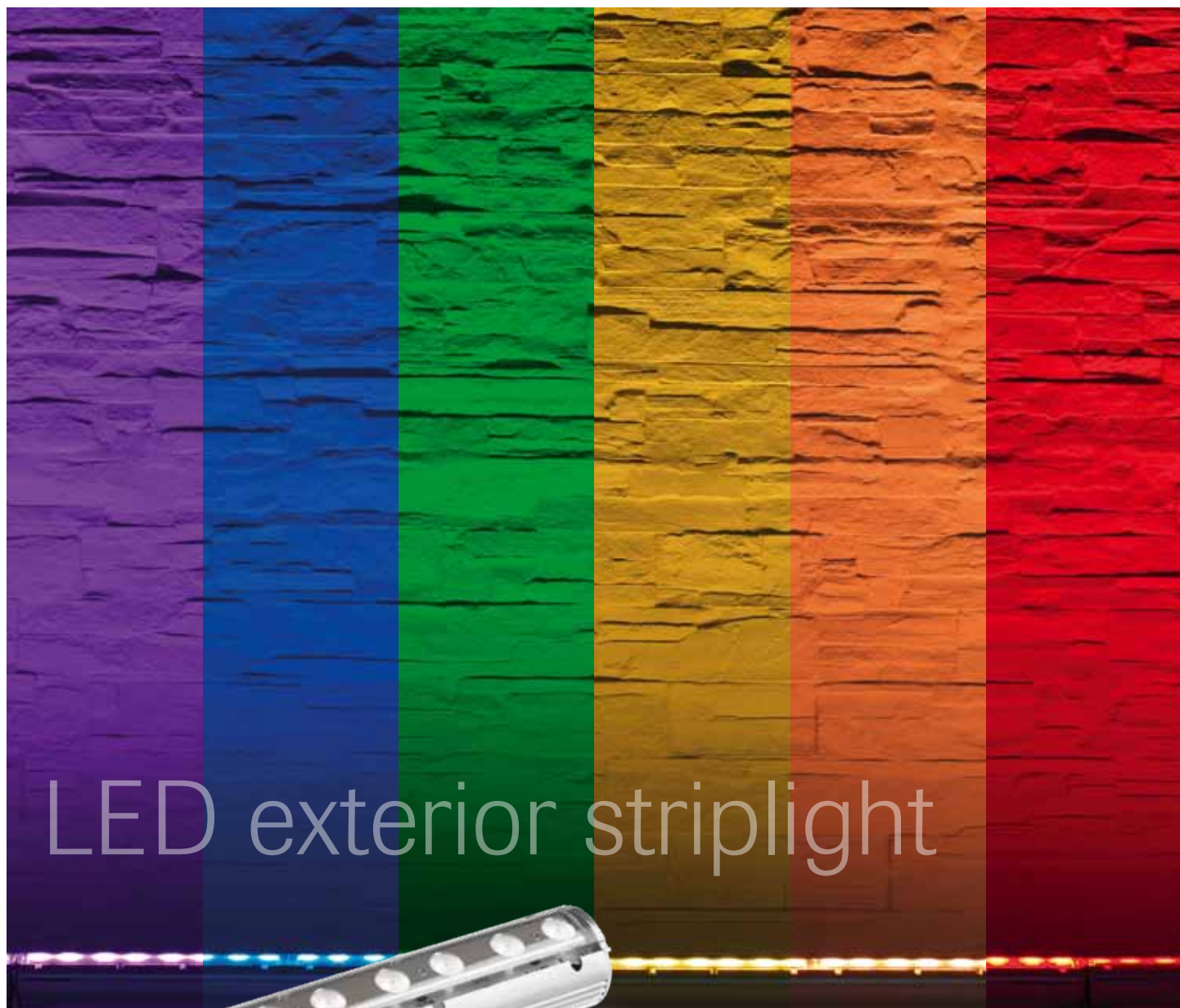


Tripix™



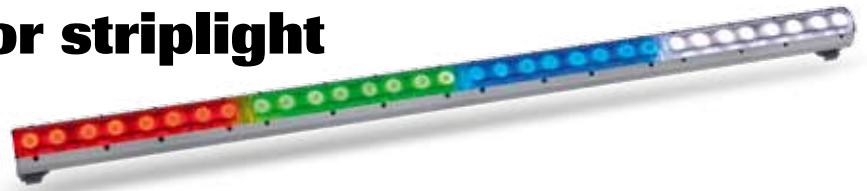
LED exterior striplight



Martin®

Tripix™ 1200 & 300

Tricolor LED exterior striplight



The Tripix 1200 and Tripix 300 are the first fixtures in a new Martin line of IP66 rated outdoor LED luminaires. These two attractively designed striplights are the first architectural fixtures from Martin to use tricolor LEDs for superior color mixing directly at the lens.

The result is an absence of color shadows and a broader range of color choices. The Tripix range also incorporates a new custom-designed lens system for very narrow beam angles that have been difficult to achieve with tricolor LED fixtures in the past.

The Tripix range can be used in a variety of indoor and outdoor applications and installs in minutes using a newly designed, slim, IP66 cable connector. These new fixtures are ideally suited to applications where uniform color right out of the fixture is desired like coves, architectural design highlights or any setting requiring smooth color mixing.

- Uniform color mixing using powerful tricolor LEDs
- No multicolor fringe shadows
- No unwanted colors that mix outside the fixture
- Easy to control: 64 built-in programs and auto addressing
- Fast to install with new IP66 quickplug connectors
- Available in 300 mm (1 ft) and 1200 mm (4 ft) lengths in various beam angles

Specifications

Physical

Tripix fixture

Length: Tripix 300: 300 mm (11.8 in.),
Tripix 1200: 1200 mm (472 in.)
Width: 61 mm (2.4 in.) including mounting bracket
Height: 81.4 mm (3.2 in.) including mounting bracket
and DIN rail
Weight: Tripix 300: 1200 g (42.3 oz.),
Tripix 1200: 4230 g (149.2 oz.)

Tripix Power

Length: 447 mm (17.6 in.)
Width: 141 mm (5.6 in.)
Height: 68 mm (2.7 in.)
Weight: 5.8 kg (12.8 lbs.)

Dynamic Effects

Color mixing: RGB

Red: 0 - 100%
Green: 0 - 100%
Blue: 0 - 100%

Color temperature control: 5600 K +/- 300 K for mixing white color

Optics

Light source: RGB 3-in-1 LED, approx. 3 W per LED
Total LED power: Tripix 300: approx 24 W, Tripix 1200: approx.
82 W
Beam angle: Narrow, medium and wide available

Control and Programming

Color control modes: RGB (raw and calibrated), HSIC
Control system: DMX, stand-alone, master/slave
DMX channels: 3 or 4 per 300 mm (11.8 in.)
Grouped pixel control options: Divided into sections of 300, 600 or
1200 mm (47.2 in.)
DMX address setting: Martin MUM™ application running on
Windows PC
Protocol: USITT DMX512-A
Receiver: RS-485
Firmware update: Serial upload via DMX link

Photometric Data

Tripix 1200, Narrow (all LEDs at 100%)

Efficacy: 12 lumens per watt
Half-peak angle: 20°
Total output: 1200 lm

Tripix 1200, Medium (all LEDs at 100%)

Efficacy: 11 lumens per watt
Half-peak angle: 60°
Total output: 1100 lm

Tripix 1200, Wide (all LEDs at 100%)

Efficacy: 10 lumens per watt
Half-peak angle: 120°
Total output: 1000 lm

Tripix 300, Narrow (all LEDs at 100%)

Efficacy: 12 lumens per watt
Half-peak angle: 20°
Total output: 300 lm

Tripix 300, Medium (all LEDs at 100%)

Efficacy: 11 lumens per watt
Half-peak angle: 60°
Total output: 275 lm

Tripix 300, Wide (all LEDs at 100%)

Efficacy: 10 lumens per watt
Half-peak angle: 120°
Total output: 250 lm

Photometric data is preliminary

Construction

Housing: Aluminum
Finish: Clear anodized
Front cover: Flame-retardant PMMA
End covers: Aluminum
Mounting brackets: Aluminum
Protection rating: IP66

Installation

Orientation: Any
Aiming: Any angle between +/- 105°
Mounting: 35 mm (1.4 in.) DIN rail
Distance between strips: Extendable (see User Manual)

Connections

Tripix Power power input: Male (C14) IEC chassis connector
Fixture-to-fixture power and data: IP66 13-pin DIN cable tail
system

Electrical

AC power: 100-120/200-240 V nominal, 50/60 Hz
(input to Tripix Power device)
Standby power: 300 mm (11.8 in.) models, 3 W / 1200 mm (47.2
in.) models, 10 W
Power output: 48 V DC (output from Tripix Power device)

Thermal

Cooling: Convection
Maximum ambient temperature (Ta max.): Fixtures 45° C (113° F),
Tripix Power 40° C (104° F)
Minimum ambient temperature (Ta min.): -30° C (-22° F)

Maximum surface temperature, steady state, Ta=45° C (113° F):
Fixtures 65° C (149° F),
Maximum surface temperature, steady state, Ta=45° C (113° F):
Tripix Power 55° C (131° F)

Approvals

EU safety: EN 60598-1, EN 60598-2-1
LED Safety: IEC 60825-1, 2001; IEC 62471, 2006
EU EMC: EN 55 015, EN 55 103, EN 61 000-3
US safety: UL 1598
Canadian safety: CAN/CSA C.22.2 No. 250

Included Items

Tripix 300

Tripix 300 luminaire with narrow diffuser

Tripix 1200

Tripix 1200 luminaire with narrow diffuser

Tripix Power

Tripix power supply device
EU-type power cable with Schuko connector
US-type power cable
User manual

Tripix Power Inserter Cable

Tripix power inserter cable (3-way, power and data insertion)
Tripix DMX Termination Plug

Accessories

Tripix DMX Input Adapter: P/N 91611337
Tripix DMX Output Adapter: P/N 91611338
Tripix Cable Adapter extension connector set: P/N 91611323
Tripix Diffuser 20°, 30.3 x 30.4 mm (12.0 in.), pack of 8,
installation by Martin Service only: P/N 91611329
Tripix Diffuser 60°, 30.3 x 30.4 mm (12.0 in.), pack of 8,
installation by Martin Service only: P/N 91611330
Tripix Diffuser 120°, 30.3 x 30.4 mm (12.0 in.), pack of 8,
installation by Martin Service only: P/N 91611331
Tripix Front Cover: P/N 91611332
0.5 m (1.6 ft.) Tripix Extension Cable: P/N 91611335
1 m (3.3 ft.) Tripix Extension Cable: P/N 91611334
5 m (16.4 ft.) Tripix Extension Cable: P/N 91611333
Tripix DMX Termination Plug: P/N 91611336
Tripix Power Inserter (3-way power and data insertion cable): P/N
91611339

Ordering Information

Tripix 300: P/N 90354520
Tripix 1200: P/N 90354530
Tripix Power: P/N 90760310

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Founded in 1986 and headquartered in Aarhus, Denmark, Martin Professional is a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors. Martin lighting solutions are industry standard on top tours and events, grace prestigious theatres, energize nightclubs, and decorate major television studios around the globe. The company operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. For more information please visit www.martin.com

