Tripix Wash

The Tripix Wash™ is an attractively designed IP66 rated fixture using tricolor LEDs for superior color mixing directly at the lens. The result is an absence of color shadows and a broad color palette, including stunning whites, subtle pastels and vibrant saturated colors.
The Tripix Range™ can be used in a variety of indoor and outdoor applications and installs in minutes using a slim IP66 cable connector.

Compact lighting fixture with full color mixing

No color separation or shadows due to use of premixed LED

Easy installation with cable daisy chain to IP rated power supply

GALLERY

FEATURES

TECHNICAL SPECIFICATIONS

Physical

Tripix™ Wash fixture
Width: 335 mm (13.2 in.)
Height: 213 mm (8.4 in.) including mounting bracket
Depth: 66 mm (2.6 in.) including mounting bracket
Weight: 4.4 kg (9.7 lbs.)

Martin™ IP66 PSU 240 W (replaces Tripix™ Power IP66)
Length: 314 mm (12.4 in.)
Width: 68 mm (2.7 in.)
Height: 39 mm (1.6 in.)
Weight: 1.5 kg (3.3 lbs.)

Dynamic Effects
Color mixing: RGB
Red: 0 - 100%
Green: 0 - 100%
Blue: 0 - 100%
Color temperature control: 2 000 - 10 000 K continuous mixing

Control and Programming
Color control modes: RGB (raw and calibrated), HSI (calibrated) HSIC (uncalibrated)
Control options: DMX, stand-alone, synchronized (master/slave)
DMX channels: 3 or 4 depending on mode
Grouped pixel control options: 1-, 2- and 4-pixel modes
DMX address setting: Martin MUM™ application running on Windows PC
DMX compliance: USITT DMX512-A
Receiver: RS-485
Firmware update: Serial upload via DMX link

Optics
Light source: RGB 3-in-1 LED
Total LED power: 72 W
Beam angle: Very narrow (no diffuser), narrow, medium and wide available
Minimum LED lifetime: 46 000 hours (to >70% luminous output)*
*Figure obtained under manufacturer´s test conditions:

Construction
Housing: Aluminum
Finish: Grey
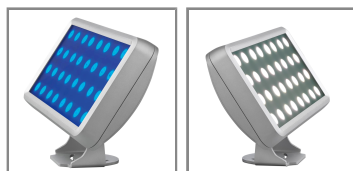Front cover: Toughened glass
Protection rating: IP66

Installation
Orientation: Any
Vertical aiming: 22° down, 141° up
Horizontal aiming: +/- 90°

Connections
Tripix™ Power IP66 power input: Hard-wired (terminal block) via cable gland
Fixture-to-fixture power and data: IP66 13-pin DIN cable tail system

Electrical
AC power: 100-240 V nominal, 50/60 Hz (input to Martin IP66 PSU 240 W)
Power output: 48 V DC (output from Martin IP66 PSU 240 W)

Standby power: <10 W

Thermal
Cooling: Convection
Maximum ambient temperature (Ta max.): 45° C
Minimum ambient temperature (Ta min.): -30° C
Maximum surface temperature, steady state, at 45° C ambient: Fixtures: 65° C,
Tripix™ Power IP66: 80° C

Approvals

Tripix Wash fixture
EU safety: EN 60598-1, EN 60598-2-1
LED Safety: IEC 60825-1, IEC 62471
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

Martin IP66 PSU 240 W (replaces Tripix Power IP66)
EU safety: EN 60598-2-6, EN 61347-2-13
EU EMC: EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
US safety: UL 1012
Canadian safety: CSA C22.2 No.107

Included Items
Tripix™ Wash fixture
Narrow diffuser (installed)
Safety leaflet

Accessories
Martin™ IP66 PSU to Tripix™ System Power and Data Inserter Y-Cable: P/N 91611339
Tripix™ DMX Input Adapter Cable, backwards compatible*: P/N 11880021
Tripix™ DMX Output Adapter: P/N 91611338
Tripix™ DMX Termination Plug: P/N 91611336
Set of 4 Tripix™ Wash Diffusers, Narrow: P/N 91610038
Set of 4 Tripix™ Wash Diffusers, Medium: P/N 91610036
Set of 4 Tripix™ Wash Diffusers, Wide: P/N 91610037
Tripix™ Cable Adapter extension connector set: P/N 91611323
0.5 m Tripix™ Extension Cable: P/N 91611335
1 m Tripix™ Extension Cable: P/N 91611334
5 m Tripix™ Extension Cable: P/N 91611333
*Introduced January 2013, replaces P/N 91611337:

Related Items
Martin DABS1™ USB interface box incl. cables: P/N 90758090
Martin Light Fox™ Controller: P/N 90734540
Martin USB Tools™ Windows software package*
*Available for download free of charge at www.martin.com:

Spare Parts
Tripix™ Wash front cover: P/N 41700031

Ordering Information
Tripix™ Wash: P/N 90354540
Martin™ IP66 PSU 240 W (replaces Tripix™ Power IP66): P/N 90760330
Custom colors available by special order - please contact your Martin distributor for details: