

Martin Atomic 3000 LED

Šifra:
Kategorija proizvoda: Strobovi
Proizvođač: Martin

Cena: 502.080,00 rsd

intensity and duration

Special effects: Blinder, ramp up/down, random flash, lightning. spikes, pre-programmed FX
Aura (secondary LED array illumination) color mixing: RGB

Control and Programming

Control systems: DMX, RDM
Setting and addressing: Control panel with backlit monochrome graphic display
DMX channels: 3/4/14
DMX compliance: USITT DMX512-A
RDM compliance: ANSI/ESTA E1.20 RDM
Transceiver: RS-485
Firmware update: via USB type A memory device or via DMX using Martin Companion

Optics and Photometric Data

Max. total output: 180,000 lumens*
Beam (strobe) array:
Light source: 228 x Cree XLamp XP-L, 10 W white LEDs (color temperature 5,700 K)
Resolution: 8-bit
Dimming, above 16.7% output intensity: Current-controlled, flicker-free
Dimming, below 16.7% output intensity: PWM (refresh rate 6,000 Hz)
Binning: Tight color and flux binning
Minimum LED lifetime: 50,000 hours**

Aura (backlight) array:

Light source: 64 x Osram RGB LEDs
Resolution: 8 bits per color plus 8-bit dimming
Dimming: PWM (refresh rate 1,001 Hz)
Binning: Tight color and flux binning
Minimum LED lifetime: 50,000 hours**

*For full photometric data, click on Photometrics in menu bar

**To >70% output, figure obtained under manufacturer's test conditions

Construction

Housing: Steel. high-impact thermoplastic, flame-retardant to UL 94 5VA
Color: Black
Protection rating: IP 20

Installation

Mounting points: Two pairs of quarter-turn fastener points, M12 holes in adjustable bracket
Location: Indoor use only, must be fastened to structure or surface
Orientation: Any

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Physical

Length: 245 mm (9.7 in.)
Width: 425 mm (16.8 in.)
Height: 240 mm (9.5 in.)
Weight: 7.8 kg (17.2 lbs.)
All data including mounting bracket

Dynamic Effects

Strobe: 0.289 - 16.667 Hz, variable flash rate,

Minimum distance to combustible materials: 200 mm (8 in.) from fixture
Minimum distance to illuminated surfaces: 1 m (3 ft. 4 in.) from fixture

Connections

AC Power: Neutrik PowerCON TRUE1 TOP male socket
DMX data in/out: 5-pin locking XLR
Atomic Colors color gel scroller: 4-pin locking XLR
Software upload: USB 2.0

Electrical

AC power: 100-240 V AC nominal, 50/60 Hz
Power supply unit: Auto-ranging electronic switch mode
Typical half-cycle RMS inrush current at 230 V, 50 Hz: 17.7 A
Typical earth-leakage current: 0.18 mA
Power Factor: 0.98 @ 100 V , 0.96 @ 120 V , 0.89 @ 208 V , 0.88 @ 230 V , 0.87 @ 240 V
Max current draw: 8.4 A @ 100 V / 120 V , 3.9 A @ 208 V / 230 V / 240 V
Typical current draw: 6.8 A @ 100 V , 5.7 A @ 120 V , 3.5 A @ 208 V , 3.2 A @ 230 V , 3.1 A @ 240 V *

Power Consumption

Maximum: 740 W
Typical: 663 W *
Idle: 25 W *

** Measurements made at nominal voltage. Allow for a deviation of +/- 10%. Allow for peak currents that exceed these figures when using the blinder effect.*

Typical: full output white, regulated fan speed.
Idle: no output, regulated fan speed.

Thermal

Cooling: Forced air (temperature-regulated, low noise, user-definable fan settings)
Maximum ambient temperature (Ta max.): 40° C (104° F)
Minimum ambient temperature (Ta min.): 5° C (41° F)
Typical heat dissipation (calculated, +/- 10%): 2270 BTU/hr.

Environmental

RoHS: Compliant
REACH: Compliant
WEEE: Compliant
Proposition 65: Compliant
Efficacy (max output): 271.5 lm/W
LWR*: 23,077 lm/kg (10,465 lm/lb)
LWR = Lumen-to-Weight Ratio

Approvals

EU safety: EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
EU EMC: EN 55015 Class B, EN 61547, EN 55032, EN 55035, EN 61000-3-2 Class A, EN 61000-3-3
US safety: UL 1573
US EMC: 47 CFR 15 Class A
Canadian safety: CSA E598-2-17 (CSA E60598-1)
Canadian EMC: ICES-003 Class A
Australia/NZ: RCM
United Kingdom: UKCA
Related Items
Martin Companion Cable: P/N 91616091
Martin Companion Software Suite (including firmware uploader): Free download from www.martin.com

Accessories

Power connectors:
Cable Connector, Neutrik PowerCON TRUE1 NAC3FX-W (female): P/N 91611789

Power cables: Power Input Cable, H07RN-F, 2.5 mm², bare ends to TRUE1, 1.5 m (4.9 ft.): P/N 91611797
Power Input Cable, H07RN-F, 2.5 mm², bare ends to TRUE1, 5 m (16.4 ft.): P/N 91611786
Power Input Cable, SJ00W, 12 AWG, bare ends to TRUE1, 1.5 m (4.9 ft.): P/N 91610173

Power Input Cable, SJOOW, 12 AWG, bare ends to TRUE1, 5 m (16.4 ft.): P/N 91610174

Installation hardware:

Half-coupler clamp: P/N 91602005

G-clamp (vertical hanging installation only): P/N 91602003

Quick trigger clamp (vertical hanging installation only): P/N 91602007

Safety Cable, SWL 60 kg, BGV C1 / DGUV 17, black: P/N 91604006

Safety Cable, SWL 60 kg, BGV C1 / DGUV 17, silver: P/N 91604007

Atomic Colors gel scroller: P/N 91611086