

Exterior 430 Blue

Great for applications requiring just one color, the Exterior 430™ Blue. The Exterior 430 also uses a unique color calibration system in its Blue units to ensure uniformity across fixtures and over time, plus the added ability to adjust colors to precisely match the look needed in your lighting design. Color fades within a narrow range, such as magenta – blue – turquoise, are also possible.

Extremely bright one color fixture (Blue)

Very high efficacy

Adjustable colors around the prime color

FEATURES

- Extremely bright single color (up to 7000 lm)
- Calibrated Blue ensuring color consistency
- Adjustable color within Blue color ranges
- Very low power consumption (max 139 W)
- Choice of beam angles - 7.5°, 16°, 33°, 52°
- Internal power and control
- Super rugged IP65 housing
- Choice of white, black or aluminum housing
- 0 – 100% intensity control

TECHNICAL SPECIFICATIONS

Physical

Length: 169 mm (6.8 in.) including cable gland

Width: 307 mm (12.1 in.)

Height: 401 mm (16.8 in.)

Weight: 7.6 kg (16.8 lbs.) including bracket

Dynamic Effects

Dimming: 0 - 100% continuous

Color fine-tuning: Continuously variable

Control and Programming

Control options: DMX, stand-alone, synchronized (master/slave)

DMX channels: 1 or 3 depending on mode

DMX address setting: PC with Martin MUM™ software and DABS1™ hardware interface

Stand-alone trigger options: Internal timer and/or ambient light level

Stand-alone and master/slave programming: PC with Martin MUM™ software and DABS1™ hardware interface

26-bit control (internal): Single color intensity

Protocol: USITT DMX512-A

Receiver: RS-485

Firmware update: Serial upload via DMX link

Optics

Light source: Cree XP-E high power emitters

Minimum LED lifetime: 50 000 hours (to >70% luminous output)*

Very Narrow (no diffuser), Narrow, Medium and Wide beam angles available

*Figure obtained under manufacturer's test conditions:

Construction

Color: Clear anodized, black or white

Housing: Anodized aluminum

Mounting bracket: 8 mm (0.32 in.) anodized aluminum

Front glass: 6 mm (0.24 in.) anti-reflection coated



GALLERY



Protection rating: IP65

Installation

Orientation: Any

Mounting: Flat surface at any angle, pedestal or other suitable support

Vertical aiming: 330°

Minimum distance to illuminated surfaces: 0.1 m (0.33 ft.)

Connections

Power cable entry: IP68 cable gland

Power connection: 1.8 m (5.9 ft.) cable tail

Data cable entry: IP68 cable gland

Data connection: 1.8 m (5.9 ft.) combined input + output cable tail

Electrical

AC power: 100-240 V nominal, 50/60 Hz

Standby power: 13 W

Power supply unit: Integrated, auto-sensing multi-voltage

Main fuse: 2.5 AT (slow blow)

Typical Power and Current

100 V, 50 Hz: 139 W, 1.4 A, PF 0.990

100 V, 60 Hz: 139 W, 1.4 A, PF 0.989

110 V, 60 Hz: 137 W, 1.3 A, PF 0.988

120 V, 60 Hz: 136 W, 1.2 A, PF 0.986

208 V, 60 Hz: 133 W, 0.7 A, PF 0.932

230 V, 50 Hz: 132 W, 0.7 A, PF 0.925

240 V, 50 Hz: 131 W, 0.7 A, PF 0.886

Measurements made at nominal voltage with all LEDs at full intensity. Allow for a deviation of +/- 10%.

Thermal

Cooling: Convection

Maximum ambient temperature (Ta max.): 45° C (113° F)

Minimum ambient temperature (Ta min.): -30° C (-22° F), power must be maintained below 0° C (33° F)

Maximum surface temperature, steady state, at 40° C ambient: 90° C (194° F)

Total heat dissipation (calculated, +/- 10%): 480 BTU/hr.

Approvals

EU safety: EN 60598-2-5 (EN 60598-1), IEC/EN 60825-1

EU EMC: EN 55015, EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3

US safety (US model): UL 1598

Canadian safety (US model): CAN/CSA C.22.2 No. 250

Included Items

Adjustable mounting yoke

Narrow, Medium and Wide diffusers

Hard-wired 1.8 m (5.9 ft.) power and data in/out cable tails without connectors

User manual

Accessories

Diffuser, Exterior 400 Series, Narrow: P/N 41600122

Diffuser, Exterior 400 Series, Medium: P/N 41600123

Diffuser, Exterior 400 Series, Wide: P/N 41600124

Diffuser, Exterior 400 Series, Narrow, Directional 15°x1°: P/N 41600156

Diffuser, Exterior 400 Series, Medium, Directional 30°x3°: P/N 41600157

Diffuser, Exterior 400 Series, Wide, Directional 60°x1°: P/N 41600158

Diffuser, Exterior 400 Series, Wide, Directional 60°x10°: P/N 41600159

Exterior 200 floor stand: P/N 91611305

Safety eyebolt: P/N 91611239

3-pin male XLR connector, cable-type, IP65: P/N 91611306

3-pin female XLR connector, cable-type, IP65: P/N 91611307

Related Items

Martin DABS1™ USB interface box incl. cables: P/N 90758090

Spare Parts

2.5 AT main fuse: P/N 05020010

Ordering Information

Exterior 430 Blue, EU Model, Aluminum: P/N 90545055

