



GALLERY



Exterior Wash 200

Exterior™ Wash 200 is a powerful, compact and energy-efficient LED lighting fixture designed to illuminate mid-sized structures and building facades. A discreet, optional snoot integrates seamlessly with the slick design of the fixtures. It has built-in display for ease-of-use, a wide selection of beam angles and is fully IP-rated for permanent outdoor use.

The Exterior Wash 200 is designed for narrow beam applications and is based on separate LEDs for red, green, blue and white

Narrow beam configuration with 6 beam angle options

Functional and discreet optional snoot which integrates with the design of the fixtures

Control via DMX, RDM and OLED display

FEATURES

- Powerful single color R,G,B,W LEDs
- Up to 6500 lumens at full white (RGBW)
- Six different beam angle options
- Internal power and control (DMX, RDM and OLED display)
- Rugged IP66 housing
- 0–100% intensity control

TECHNICAL SPECIFICATIONS

Physical

Length: 270 mm (10.7 in.)
Width: 334 mm (13.2 in.)
Height: 382 mm (15.1 in.)
Weight: 13.0 kg (28.7 lbs.)

Dynamic Effects

Intensity: 0 - 100%
Color mixing: RGBW

Control and Programming

Control systems: DMX, RDM
DMX channels: 4
Setting, addressing, standalone programming: Control panel with OLED display
Receiver: RS-485
Firmware update: Serial upload via DMX link
DMX compliance: USITT DMX512-A
RDM compliance: ANSI/ESTA E1.20

Optics

Minimum LED lifetime: 50 000 hours (to >70% luminous output)*
Light source: 16 x R, 18 x G, 16 x B, 18 x W single-color LEDs
LED manufacturer: Cree

Beam angle options

No diffuser: 7.5°
Narrow diffuser: 11.5°
Medium diffuser: 25°
Wide diffuser: 36°
Very wide diffuser: 60°
Asymmetric diffuser: 59° x 14.5°

*Figure obtained under manufacturer's test conditions

Photometric Data

Total luminous output: 6500 lumens

Construction

Ingress protection rating: IP66
Surface treatment: Anodized and electrostatic powder-coated
Color: Light grey (white, black or other colors available on request)
Housing: Cast aluminum
Effective Projected Area (EPA): 0.1 m² including snoot
Impact resistance: IK08 (with control panel display cover plate installed)
Corrosion resistance: C5-M (very high corrosivity / marine, ISO 12944)
RoHS compliant

Installation

Orientation: Any
Mounting: Adjustable yoke
Vertical aiming: TBA
Minimum distance to illuminated surfaces: 0.2 m (0.6 ft.)

Connections

Power connection: 1.8 m (5.9 ft.) cable tail without connector
Data connection: 1.8 m (5.9 ft.) open ended 5-conductor combined input + output cable tail
All cable entries: IP68 cable gland

Electrical

AC power: 100 - 240 / 277 V nominal, 50/60 Hz
Power supply unit: Integrated, auto-sensing multi-voltage
Power consumption, steady state, all LEDs at zero intensity: 3 W
Maximum total power consumption: 185 W
Typical half-cycle RMS inrush current: 10.3 A
Surge protection: 4 kV

Typical Power and Current

100 V, 60 Hz: 1.6 A, 160 W, PF 0.99
120 V, 60 Hz: 1.35 A, 160 W, PF 0.99
230 V, 50 Hz: 0.75 A, 160 W, PF 0.94
277 V, 60 Hz: 0.65 A, 160 W, PF 0.89

Measurements made with fixture in steady state at nominal voltage, ambient temperature (Ta) 20° C (68° F), 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 -20° C (-4° F)
Maximum surface temperature, steady state, at 40° C ambient: 55° C (131° F)
Total heat dissipation (calculated, +/- 10%): 485 BTU/hr

Approvals

EU safety: EN60598-2-5 (EN60598-1), EN62471, EN62493, EN60598-2-1
EU EMC: EN55015, EN61547, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-4, EN61000-4-5
US safety: ANSI/UL 1598
US EMC: 47 CFR Part 15 Class A
Canadian safety: CSA C.22.2 No. 250
Australia/NZ: RCM

Included Items

Power cable: Cable tail, 1.8 m (5.9 ft.), external diameter 9.5 mm (0.38 in.), installed
Data cable: Cable tail, 1.8 m (5.9 ft.), external diameter 6.5 mm (0.26 in.), installed

Accessories

Optical

Exterior Wash 200 Series, narrow diffuser kit: P/N 91610154
Exterior Wash 200 Series, medium diffuser kit: P/N 91610153
Exterior Wash 200 Series, wide diffuser kit: P/N 91610152
Exterior Wash 200 Series, very wide diffuser kit: P/N 91610151
Exterior Wash 200 Series, asymmetric diffuser kit: P/N 91610150
Exterior Wash 200 Series, glare shield / snoot: P/N 91611745

Related Items

Martin USB interface box incl. cables: P/N 90758090
M-PC 2U™ incl. Martin M-DMX Interface Box and USB cable: P/N 90737070

Ordering Information

Exterior Wash 200, 7°, EU, aluminum: P/N 90509087
Exterior Wash 200, 7°, US, aluminum: P/N 90509090

