

RUSH CS Series

The Martin RUSH CS Series is a color LED cove lighting system designed to illuminate interior walls and other indoor spaces. These high output, cost effective lighting strips are a great fit for indoor lobbies, lounges or other spaces. The fixtures offer both basic and advanced control modes, allowing these venues the ultimate flexibility to establish the exact look they need without adding unneeded complexity to the lighting design, installation or operation. Designed to be easy to install and use, the RUSH CS Series is a perfect fit for a variety of applications.

Available in both wide and graze options in varying lengths, integrators can install up to 10 meters on a single Power Supply Unit (PSU). To power the units, the RUSH CS Series uses a hybrid power and data cable system that reduces wiring and installation costs by using a single cable for both power and data.

The series is available in a variety of sizes. The RUSH CS 300 Graze and 300 Wide are 303mm (11.9 in) in length. The RUSH CS 600 Graze and 600 Wide are 603mm (23.7 in) in length. The RUSH CS 900 Graze and 900 Wide are 903mm (35.6 in) in length. And the RUSH CS 1200 Graze is 1203mm (47.4 in) in length.

High-output indoor LED cove lighting fixture

Multiple control modes & pre-programmed CTC presets

Easy installation of up to 10m on a single PSU

FEATURES

- CREE XP-E2 R/G/B LED
- 18 x 65° beam angle—Graze
- 124° beam angle—Wide
- Electronic dimming
- CTC preset control channel
- Easy mounting bracket system
- Hybrid power & data in/out
- DMX and RDM control

TECHNICAL SPECIFICATIONS

Physical

CS300 Wide

Length: 303 mm (11.9 in.)

Width: 46 mm (1.8 in.)

Height including bracket: 57 mm (2.2 in.)

Weight: 0.8 kg (1.8 lbs.)

CS300 Graze

Length: 303 mm (11.9 in.)

Width: 46 mm (1.8 in.)

Height including bracket: 65 mm (2.6 in.)

Weight: 1 kg (2.2 lbs.)

CS600 Wide

Length: 603 mm (23.7 in.)

Width: 46 mm (1.8 in.)

Height including bracket: 57 mm (2.2 in.)



GALLERY



Weight: 1.1 kg (2.4 lbs.)

CS600 Graze
Length: 603 mm (23.7 in.)
Width: 46 mm (1.8 in.)
Height including bracket: 65 mm (2.6 in.)
Weight: 1.4 kg (3.1 lbs.)

CS900 Wide
Length: 903 mm (35.6 in.)
Width: 46 mm (1.8 in.)
Height including bracket: 57 mm (2.2 in.)
Weight: 1.5 kg (3.3 lbs.)

CS900 Graze
Length: 903 mm (35.6 in.)
Width: 46 mm (1.8 in.)
Height including bracket: 65 mm (2.6 in.)
Weight: 2 kg (4.4 lbs.)

CS1200 Wide
Length: 1203 mm (47.4 in.)
Width: 46 mm (1.8 in.)
Height including bracket: 57 mm (2.2 in.)
Weight: 1.8 kg (4.0 lbs.)

CS1200 Graze
Length: 1203 mm (47.4 in.)
Width: 46 mm (1.8 in.)
Height including bracket: 65 mm (2.6 in.)
Weight: 2.5 kg (5.5 lbs.)

Power Supply Unit
Length: 302 mm (11.9 in.)
Width: 195 mm (7.7 in.)
Height: 58 mm (2.3 in.)
Weight: 4.2 kg (9.3 lbs.)

Dynamic Effects
Color mixing: RGB
Color temperature control: Off, 2800 K, 3200 K, 4000 K, 5600 K, 7200 K
Intensity: 0 - 100%

Control and Programming
Control systems: DMX, RDM
DMX channels: 3, 6
DMX compliance: USITT DMX512/1990
RDM compliance: ANSI E1.20

Optics

CS300/CS600/CS900/CS1200 Wide
Light source: Cree XP-E2 RGB LEDs
Beam angle: 124°
Minimum LED lifetime: 50 000 hours (to >70% luminous output)*

CS300/CS600/CS900/CS1200 Graze
Light source: Cree XP-E2 RGB LEDs
Beam angle: 18° x 65°
Minimum LED lifetime: 50 000 hours (to >70% luminous output)*
**Figure obtained under manufacturer's test conditions*

Construction
Housing: Aluminum
Finish: Clear anodized (standard) or white (optional)
Lens: Frosted polycarbonate
Ingress protection: IP20
RoHS compliant

Installation
Orientation: Any
Mounting: Direct with included brackets and user-supplied fasteners
Minimum distance to illuminated surfaces: 0.2 m (8 in.)

Connections
Mains input: C13 IEC 60320
DMX in, out: 5-pin XLR
Fixture DC power and data in, thru: 6-pin custom connectors

Electrical
AC power: 100 -240 V nominal, 50/60 Hz
Power supply unit: Auto-ranging electronic switch-mode
DC output voltage: 36 V
Maximum output current: 12 A
Maximum power consumption: 485 W
Mains inlet fuse: T 6.3 A, 250 V

Typical Power and Current
Fixture power consumption: 12 W per foot +/- 1 W, PF 0.97 +/- 0.05
Power figures are typical, not maximum. Measurements made at nominal voltage. Allow for +/- 10% deviation. PF = Power factor.

Thermal
Cooling: Convection
Maximum surface temperature: 55° C (131° F)
Maximum ambient temperature (Ta max.): 40° C (104° F)
Minimum ambient temperature (Ta min.): -30° C (-22° F)

Approvals

PSU

EU Safety: EN60950-1

EU EMC: EN 61000-4-2, EN61000-4-4, EN61000-4-5

US Safety: UL60950-1

US EMC: CFR 47 Part 15 Class A

Australia/NZ: Pending

Wide & Graze fixture

EU Safety: EN60598-2-1, EN62031, EN61347-1, EN61347-2-11, EN 62471, EN62493

EU EMC: EN55015, EN55103-2, EN55032, EN61000-3-2, EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-4, EN61000-4-5

US Safety: UL 2018

US EMC: CFR 47 Part 15 Class A

Canadian Safety: CSA C22.2 No. 9.0

Australia/NZ: Pending

Included Items

User manual

Two adjustable mounting brackets

Power cables (supplied with RUSH CS Series PSU)

Power input cable, US type: IEC C13 female to NEMA 5-15P male, 1.5 m (4.9 ft.)

Power input cable, universal: IEC C13 female to bare ends, 1.5 m (4.9 ft.)

Accessories

Cables

Power + Data Extension Cable with 6-pin custom connectors, 1 m (3.3 ft.): P/N 91611846

Power + Data Extension Cable with 6-pin custom connectors, 5 m (16.4 ft.): P/N 91611847

Power + Data Extension Cable with 6-pin custom connectors, 10 m (32.8 ft.): P/N 91611848

Related Items

Martin® Software Uploader 1: P/N 91611399

Ordering Information

Wide Lighting Fixtures

RUSH® CS300 Wide, 124° (1 ft., RGB): P/N 90480175

RUSH® CS600 Wide, 124° (2 ft., RGB): P/N 90480185

RUSH® CS900 Wide, 124° (3 ft., RGB): P/N 90480195

RUSH® CS1200 Wide, 124° (4 ft., RGB): P/N 90480205

Graze Lighting Fixtures

RUSH® CS300 Graze, 18°x 65° (1 ft., RGB): P/N 90480170

RUSH® CS600 Graze, 18°x 65° (2 ft., RGB): P/N 90480180

RUSH® CS900 Graze, 18°x 65° (3 ft., RGB): P/N 90480190

RUSH® CS1200 Graze, 18°x 65° (4 ft., RGB): P/N 90480200

Power Supply Unit

RUSH® CS Series PSU: P/N 90480210

