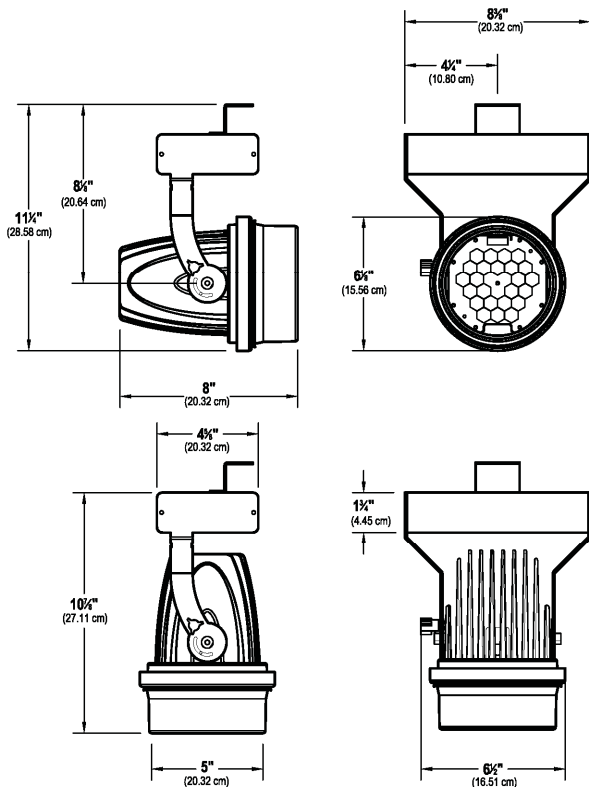# SSIQ38

The Spectra Series IQ38 is a 50 Watt PAR Luminaire utilizing high efficiency red, green, blue, and amber LED emitters. Featuring a durable but lightweight extruded and spun aluminum housing the Spectra Series IQ38 is compatible for use on the Smart Track® Lighting System. Designed for theatrical and architectural applications, the Spectra Series IQ38 accepts optional internal 4-11/16" diameter accessories including cylindrical hood, louver, linear and prismatic spread lenses. 4-Way barn doors are also available.

An on board power supply allows for direct power & data connection to the Smart-Track™ Lighting System. The Spectra Series IQ38 50 watt PAR is compatible with both DMX & RDM protocols, and comes complete with a library of pre-programmed single colors and various color mixes. Shows and addressing are accessed via the push button display.

50 WATT
SSIQ38
Features

- Available in 4 Standard LED color configurations: *RGBA, RGBW, 3K White or 3K-6K Tunable White†.*

- Convection Cooled.

- Available in pipe mount and Smart Track™ versions.

- Internal accessory holder for up to 3 accessories.

- On-board multi-voltage power supply 100-240VAC.

- Feed through data capabilities using 5-pin XLR connectors.

- Compatible with DMX and RDM protocols.

- User selectable 8 and 16-bit personalities for smooth dimming.

- Push button addressing.

- Pre-programmed modes for fixed colors, timed color changes and strobes.

- 8 lbs.

- ETL & cETL listed.

- Made in the USA

Dimensions:

- 8⅛" (20.32 cm)
- 4¼" (10.80 cm)
- 8⅛" (20.64 cm)
- 11¼" (28.58 cm)
- 6⅛" (15.56 cm)
- 8" (20.32 cm)
- 4⅞" (20.32 cm)
- 10⅝" (27.11 cm)
- 1¾" (4.45 cm)
- 5" (20.32 cm)
- 6½" (16.51 cm)

Model	-	LED Array	-	Finish Color
	-		-	

SSIQ38Y for Smart Track mounting

Project:	Approval Date:
Location:	Fixture Type:

ALTMAN
Lighting
BRINGING IMAGINATION TO LIGHT

Specifications:

Materials: Corrosion resistant materials and hardware

Housing: Die-case aluminum construction

Light Engine: Luxeon Rebel LED's– 50 Watts Max at full RGBA

Lenses: Borosilicate glass 8" diameter PAR64

Yoke: Rigid flat steel with locking-dog tilt handle

Rating: Multi-Voltage; 100-240 volt AC operation

Data Ports: DMX and RDM via 2 flush mounted 5-pin XLR receptacles, male and female, or Smart Track™

Power Cable: 6' total length with molded Edison plug (Portable only)

Finish: Black, White or Silver TGIC polyester, electrostatic application. Custom colors available

Weight: Approx. 8 lbs. (7.26 kg)

Accessories:

Model Number	Supplied with the fixture
70-0435	Internal accessory holder for 4-11/16" accessories
MSC	Mini safety cable
	Additional Accessories
IQ38-CH	Cylindrical hood
IQ38-SCH	Sparkle cylindrical hood
IQ38-BD4	4 leaf barn door
IQ38-CF	Color filter holder
IQ38-LV	1/4" hex cell honeycomb louver
IQ38-SL	Prismatic spread lens
IQ38-LSL	Linear spread lens
IQ38-LBS-*	Light blocking screen - *20, 30 or 40%
510-F	Lighty duty flat steel pipe clamp for 1/4" to 1-1/2" pipe
510	Malleable iron pipe clamp 3/4" to 1-1/2" pipe, includes 1/2" bolt
MEGA-CLAMP*	Extruded aluminum clamp for 3/4" to 2" pipe, includes 1/2 bolt, specify black or silver
XLR-5-5	5' DMX 5-pin extension cable
XLR-5-10	10' DMX 5-pin extension cable
XLR-5-25	25' DMX 5-pin extension cable
99-DMX-TERM	5-pin XLR DMX terminator

Photometrics (RGBA):

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Field Size, (H x V)	3.5' x 3.5' 1.1m x 1.1m	5.3' x 5.3' 1.6m x 1.6m	7.1' x 7.1' 2.1m x 2.1m	8.8' x 8.8' 2.7m x 2.7m
Illuminance (fc)	108	48	27	17
Illuminance (lux)	1,158	515	289	185

For field diameter at any distance, multiply distance by 0.35

Photometrics (3K White):

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Field Size, (H x V)	3.5' x 3.5' 1.1m x 1.1m	5.3' x 5.3' 1.6m x 1.6m	7.1' x 7.1' 2.1m x 2.1m	8.8' x 8.8' 2.7m x 2.7m
Illuminance (fc)	236	105	59	38
Illuminance (lux)	2,534	1,126	633	405

For field diameter at any distance, multiply distance by 0.35