SOLARIS™

Mozart

The Perfect Pixel!

When you can put a pixel anywhere, the world is your canvas!

The new creative pixel-mapping fixture from Solaris LED

3 to 48 DMX channels per fixture, based on settings
1, 4, or 16 "pixel" groups per fixture, based on settings
**Extremely compact 4.7 x 4.7 x 1.8 inches. Only 1¼ lb!**

- **Great for low weight load-bearing structures and surfaces**

- **Approx. 11,000 NITS! Brighter than nearly all outdoor LED walls!**

- **Rain and dust resistant IP65 enclosure – use in all environments!**

- **Ultra-high refresh rate – 38,400Hz! Great for high-speed photography and videography.**

- **Single cable, simple power-data connections, daisy-chain or split – easily place a Mozart almost anywhere**

- **Easy remote addressing and mode switching via RDM**

RDM

Powered By
CREE® LEDs

KASMER
Diffusion/Filter Holder
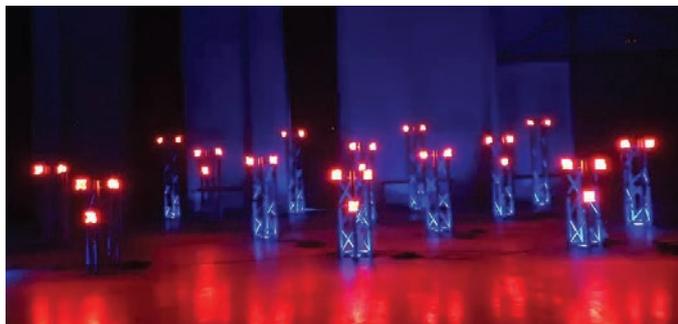
NEW!! Mozart FLR
Bright! 16, 8, 4 or 1 RGBW pixel modes.

Fixture Specifications

	Mozart	Mozart FLR
LED Light sources	64 CREE®	16 CREE®
Pixels per fixture	1, 4, or 16	1, 4, or 16
DMX Channels per fixture	3, 12, or 48	3, 4, 12, 16, 48, or 64
Beam Spread	120°	36°
Color LEDs	RGB	RGBW
Average color wavelength (manufacturer rated)	red: 625 nm	red: 620-630 nm
	green: 530 nm	green: 520-530 nm
	blue: 460 nm	blue: 450-460 nm
Refresh rate	38400 Hz	1200 Hz
Intensity Control	16bit or 8bit	8bit
Control	DMX-512A, RDM	
DC Power	48V	
Power Consumption	20W	25W
Cooling	Convection	
IP Rating	IP65	
Operating Temperature	-20°C - +40°C	
Control/Power Connectors	In/Out - Amphenol Sensor M12	
Unit Dimensions (HxWxD)	4.7 x 4.7 x 1.8 in [118 x 118 x 31 mm]	4.7 x 4.7 x 1.9 in [120 x 120 x 49 mm]
Shipping Dimensions (HxWxD)	6.4 x 6.6 x 3.8 in [164 x 167 x 96 mm]	5 x 6.5 x 6.75 in [127 x 165 x 172 mm]
Unit Weight	1.25 lb [0.6 kg]	2.20 lb [1.0 kg]
Shipping weight	1.60 lb [0.7 kg]	2.45 lb [1.1 kg]

Solaris Mozart FLR
Dimensions in MM [inches]

39 [1.5']

49 [1.9']

120 [4.7']

120 [4.7']

118 [4.65"]

31 [1.22"]

118 [4.65"]

228.6 [9"]
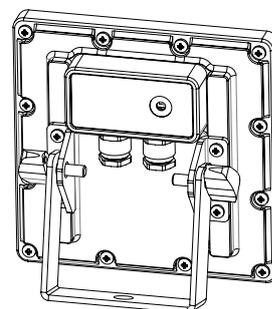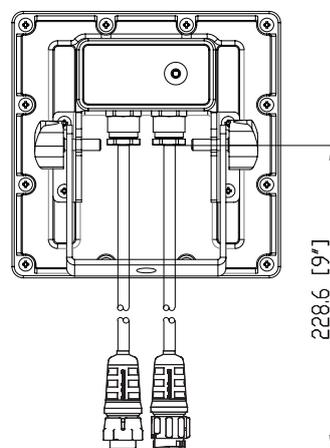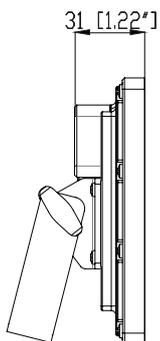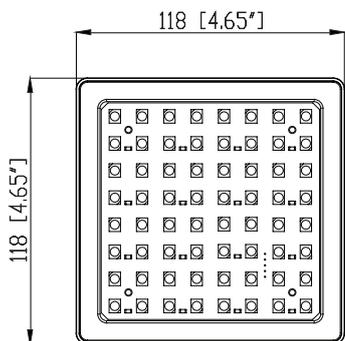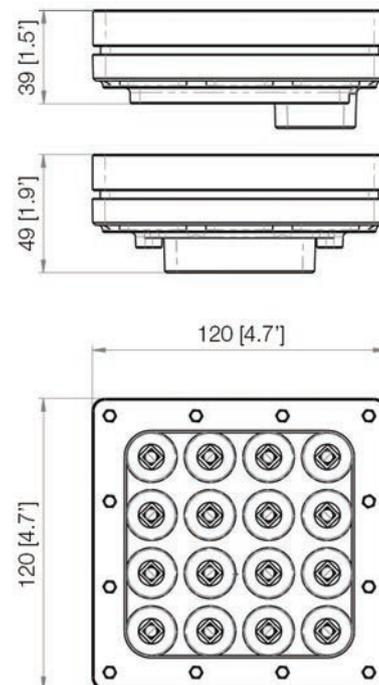
Solaris Mozart
Dimensions in MM [inches]

Power Supply Specifications

	10-way	40-way
AC Power Input	User-specified	
Number of Mozart fixtures connected	10 max.	40 max. 10 per output
Max. Cable Length	328 ft. [100 m] per output with fixtures at any interval.	
DMX Connectors	In/Out - XLR 5-pin M/F	
Control/Power Connectors	Out - Amphenol Sensor M12	4x Out - Amphenol Sensor M12
Unit Dimensions (HxWxD)	4.7 x 8 x 10.7" [120 x 202 x 272 mm] with yoke 3.4 x 8 x 10.7" [87 x 202 x 272 mm] without yoke	19 x 3.5 x 12 in [482.6 x 88.1 x 304 mm]
Shipping Dimensions (HxWxD)	7.3 x 10.25 x 13.5" [186 x 261 x 343 mm]	20.75 x 7.5 x 15.75 in [527 x 191 x 400 mm]
Unit Weight	9.85 lb [4.46 kg]	17.25 lb [7.8 kg]
Shipping weight	10.65 lb [4.82 kg]	19.10 lb [8.6 kg]

10-way Power Supply

40-way Power Supply