Decorative Set Lighting Fixture AND Fresnel

Innovative Addition to the Mozart Family of “Perfect Pixel” LED Fixtures

The extremely bright Mozart One is controlled via DMX512 protocol with RDM functionality. Due to its extremely compact size and low profile, Mozart One is ideal for stage sets and scenery.

Mozart One features one pixel comprised of six RGBW CREE XM-L LEDs beneath a single lens! A camera-friendly 1200 Hz refresh rate, 8-bit colour dimming control, and three operating modes – 1-pixel WHITE (1 ch), 1-pixel RGB (3 ch), and 1-pixel RGBW (4 ch) – make Mozart One the most versatile single-lens LED fixture available today.

- One RGBW, single-lens “pixel”
- 1, 3, or 4 channels – White, RGB, or RGBW
- Standard and HiPower modes
- IP65 rated, for indoor/outdoor use
- Perfect for set lighting and stages

RDM

Powered By CREE LEDs

Worldwide Exclusive Distribution

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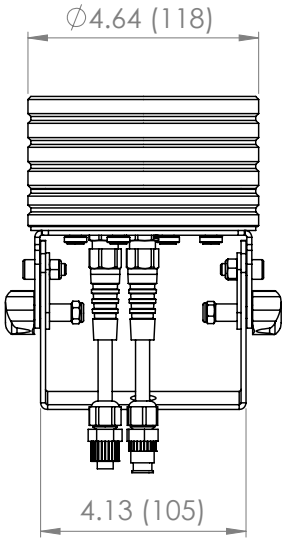
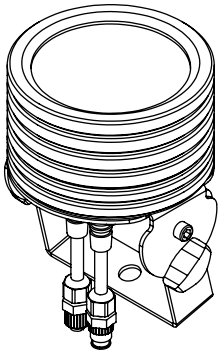
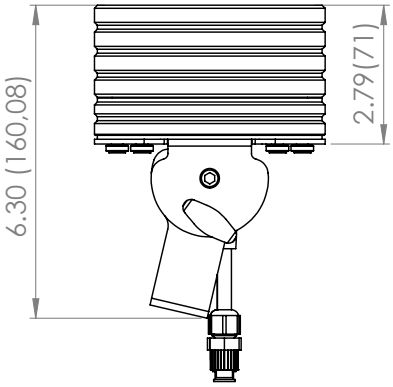
Specifications			
Part Number		SOLMOZARTONE	
Beam Angle		~120°	
LED Light Sources		6 CREE XM-L LEDs (beneath single lens)	
Peak Colour Wavelength (manufacturer rated)		Red: 632 nm	
		Green: 519 nm	
		Blue: 452 nm	
Peak Lumens	Mode	Standard	HiPower
	Red	296 lm	298 lm
	Green	326 lm	327 im
	Blue	80 lm	81 lm
	White	422 lm	422 lm
	RGB	393 lm	450 lm
	RGBW	272 lm	544 lm
Pixels per Fixture		1	
DMX Channels per Fixture		1, 3, 4	
Fixtures per Drive Output		8 max. in Standard Mode 5 max. in HiPower Mode	
Colour LED's		RGBW	
Colour Mode		WHITE, RGB, RGBW	
Refresh Rate		1200 Hz	
Intensity Control		8-bit	
Control		DMX512A, RDM	
DC Power		48 V	
Power Consumption		20 W	
Cooling		Convection	
IP Rating		IP65	
Operating Temperature		-20 to +40 °C	
Control/Power Connectors		In/Out - Amphenol Sensor M12	
Unit Dimensions (HxWxD)		141 x 118 x 160 mm [5.55 x 4.6 x 6.3 in]	
Shipping Dimensions (HxWxD)		171 x 191 x 191 mm [6.75 x 7.5 x 7.5 in]	
Unit Weight		1.75 kg [3.85 lb]	
Shipping Weight		2.04 kg [4.5 lb]	

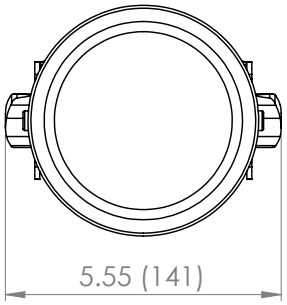
Ordering Codes	
Ordering Code	Item
SOLMOZARTONE	Mozart One Fixture
SOLMOZART1MBA	Accessory Mount
SOLMOZART1BD	4-way Barndoor Accessory
SOLMOZART1FF	Filter Frame Accessory
SOLMOZART1TH	Top Hat Accessory
SOLMOZART1HH	Half Hat Accessory
SOLMOZART1FE	Filter Extender Accessory
SOLMOZART1RL	Concentric Ring Louvre Accessory
PPMO10PSUP	PortableMount 1-Output Drive
PPMO40PSU	RackMount 4-Output Drive
ZMOZEXT3P2M	Solaris Mozart cable, IP68, 2 m
ZMOZEXT3P5M	Solaris Mozart cable, IP68, 5 m
ZMOZEXT3P10M	Solaris Mozart cable, IP68, 10 m
ZMOZEXT3P20M	Solaris Mozart cable, IP68, 20 m
ZMOZEXT3P30M	Solaris Mozart cable, IP68, 30 m
PP2RMKITLS	2U RackMount Kit for PortableMount Drive

Dimensions in Inches (mm)









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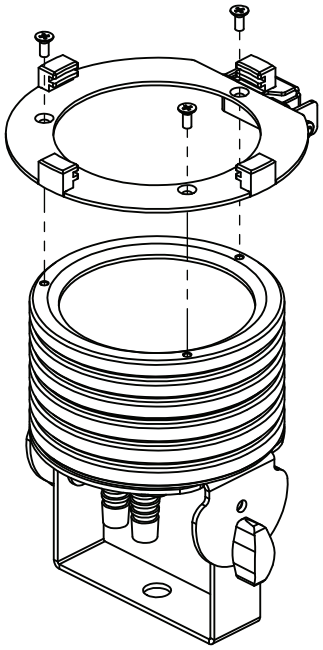
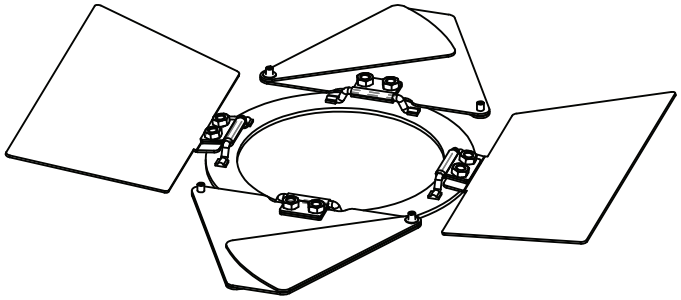
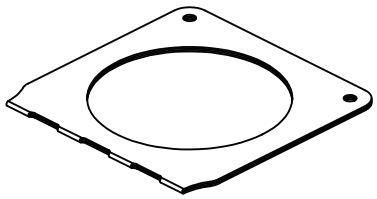
Accessories are compatible with Mozart One, Mozart One FLR, and Mozart UV



Accessory Mount
SOLMOZART1MBA
Mounts to nose of fixture. Has 2 slots for a filter frame and one other possible accessory

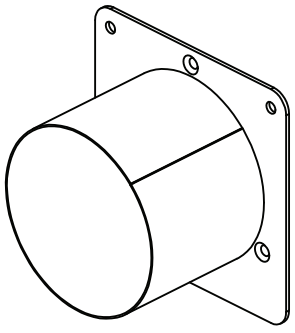


4-Way Barndoor
SOLMOZART1BD
Requires Accessory Mount

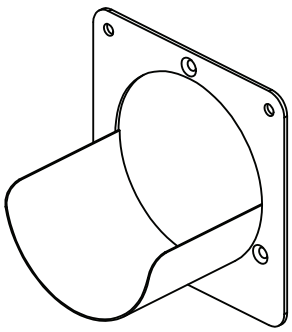


Filter Frame
SOLMOZART1FF
Requires Accessory Mount

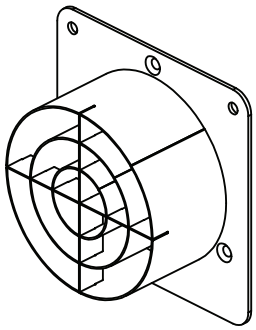
The accessories below can be used with the Accessory Mount or bolted directly to the fixture



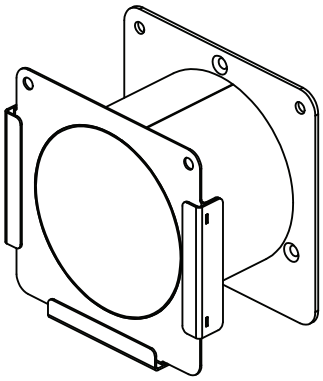
Top Hat
SOLMOZART1TH



Half Hat
SOLMOZART1HH



Concentric Ring Louvre
SOLMOZART1RL



Filter Extender
SOLMOZART1FE

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ProPlex® Mozart DRIVES

Unified power and control for all Solaris Mozart fixtures over a single cable

PortableMount 1-Output Drive
PPMO10PSUP

RackMount 4-Output Drive
PPMO40PSU

Specifications		
Model	PortableMount 1-Output	RackMount 4-Output
Part Number	PPMO10PSUP	PPMO40PSU
Number of Mozart fixtures connected	10 max. depending on fixture	40 max. 10 per output depending on fixture
Control Protocol	DMX 512A + RDM	DMX 512A + RDM, ArtNet, sACN (E1.31)
DMX Connectors	In/Thru - XLR 5-pin M/F	
Ethernet Connectors	N/A	2x Neutrik EtherCon RJ45
Power Input	100-240 VAC 50-60 Hz	
Power Consumption	200 W max.	1200 W max.
Power Connectors	PowerCon 20A IN/THRU	PowerCon 20A IN
DC Power Out	48 VDC	
Fixture Control/Power Connectors	1x Out - Amphenol Sensor M12	4x Out - Amphenol Sensor M12
Max. Fixture Cable Length	328 ft. [100 m] per output with fixtures at any interval.	
Cooling	Convection	Forced Air
Unit Dimensions (HxWxD)	4.7 x 8 x 10.7 in [120 x 202 x 272 mm] with yoke 3.4 x 8 x 10.7 in [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 in [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]

CE RDM

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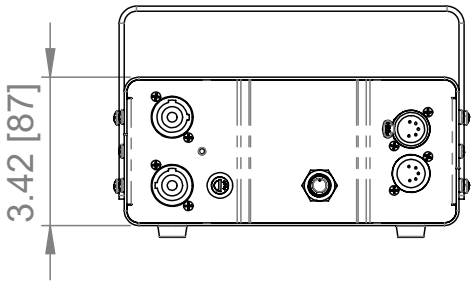
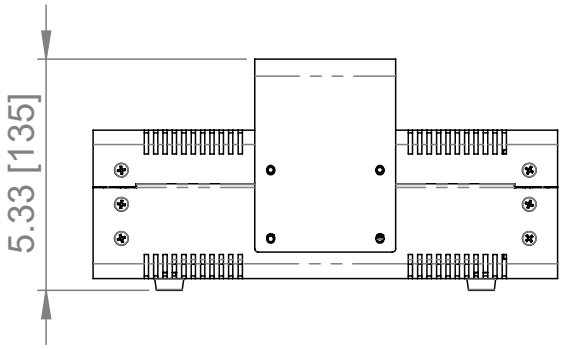
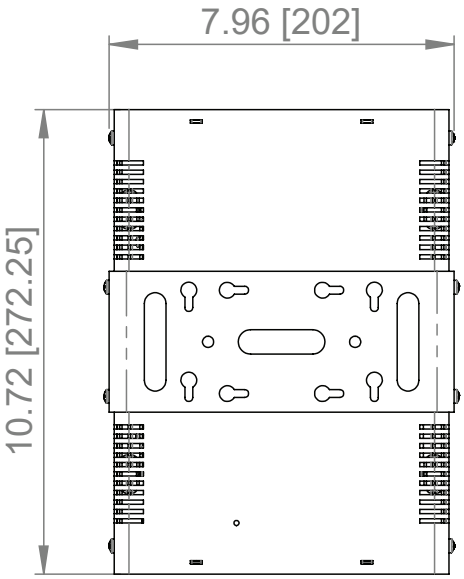
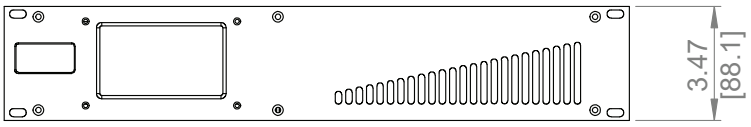
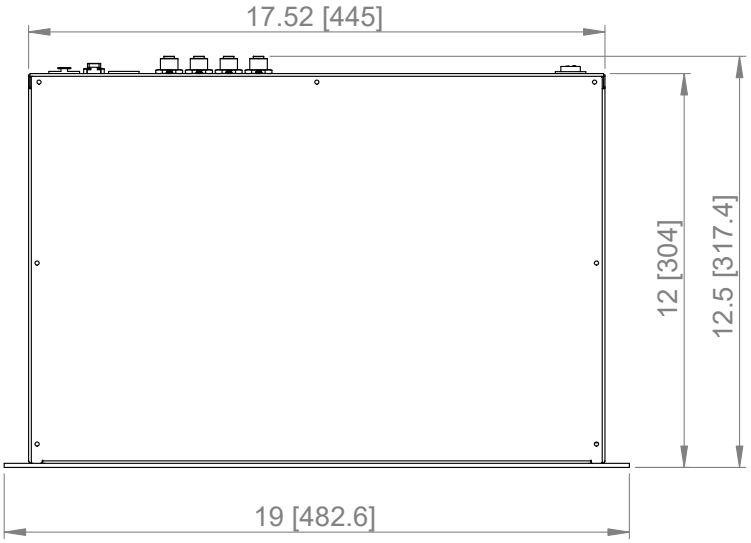






Dimensions in inches [millimetres]





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