

AMBIANE® MP111 SURFACE MOUNT

As the mid-size luminaire in the Ambiane series, the new Ambiane MP111 Surface Mount is designed for lower ceiling installations or to cover areas where the power of the Ambiane HP111 is not necessary. Using the same light source specification as all other Ambiane series members, the fixture is an ideal add-on to lighting designs using a host of Ambiane luminaires. Giving designers and installers a choice of 20, 40, 60 or 80-degree optical beam spreads, the Ambiane MP111 provides an endless array of positioning options across an entire installation. The incorporation of our L3 (Low Light Linearity) dimming system allows seamless fades to black even when mixed with traditional sources. With no UV or IR emissions which make it ideal for museums as well, the fixture is easily controlled via DMX or DALI and is RDM compatible.



KEY FEATURES

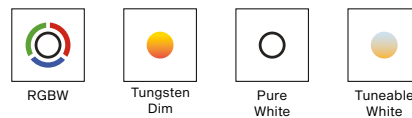
LED Output

Available in wide range of colour configurations (RGBW, PW, TW, TD), the Ambiane MP111 surface Mount utilises highly efficient LED modules with CRI 90+ ensuring you can always see every colour without colouring distortion. Equally homogenised light output is secured by precisely designed output optics with the highest possible luminous flux 2.235 lm and a 90,000 LED lifetime which guarantees low maintenance cost and long-lasting light output. The fixture offers four different beam spreads (20°, 40°, 60° and 80°) for precisely defined light output, required in a lighting installation.

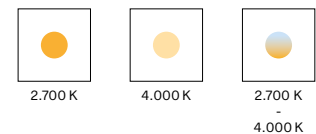
Control

Thanks to our unique L3 (low light linearity) 18-bit dimming system, exceptionally smooth fade to black and colour mixing are now possible. The fixture's remote setting and device management is realised through DALI and DMX512 control protocols with RDM support and intelligent power balancing.

COLOURS



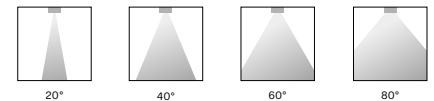
COLOUR TEMPERATURE



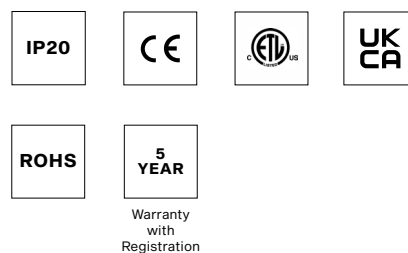
CONTROL & PROTOCOLS



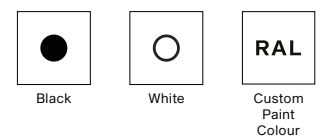
OPTIC OPTIONS



STANDARD & SPECIFICATION



FINISH OPTIONS

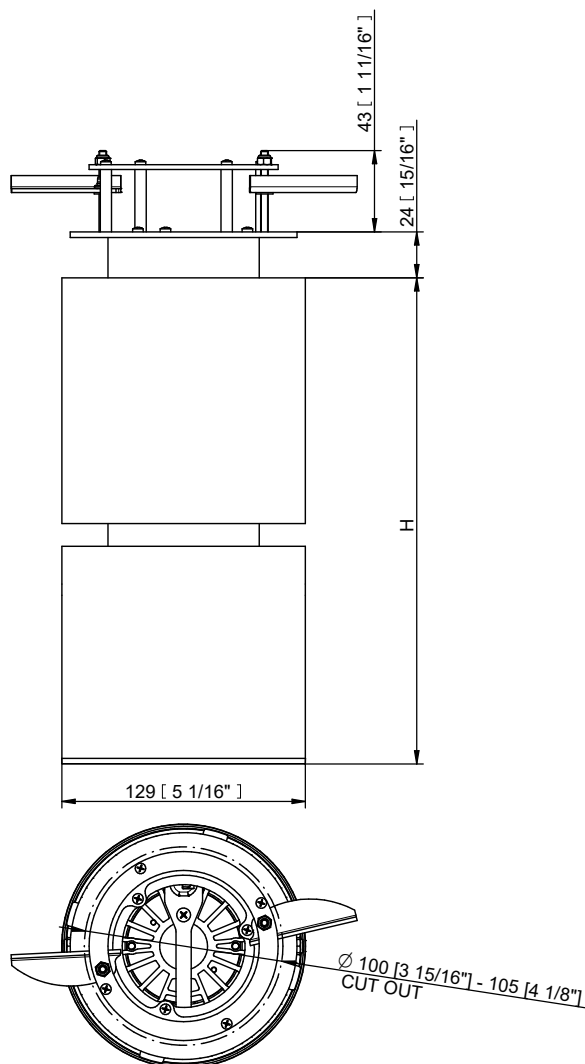


SPECIFICATION

ELECTRICAL	Input Voltage	48 V DC				
	Input Voltage range	44-50 V DC				
	Max. Power Consumption	42 W				
OPTICAL	Light Source	High Power LED module				
	Colour Variants	RGBW (W 2700 K or 4000 K)	Pure White	Tunable White	Tungsten Dim	
	Colour Temperature of White	PW 2700 K or 4000 K TW 2700-4000 K TD 3200 K				
	CRI	90+				
	Beam Angle	20° 40° 60° 80°	20° with Ring Louver for Ambiane MP111			
	Lumen Output Delivered	1.559 lm (RGBNW at 20° 4000 K)		2.206 lm (RGBNW at 60° 4000 K)		
		2.060 lm (RGBNW at 40° 4000 K)		2.142 lm (RGBNW at 80° 4000 K)		
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F				
CONTROL	Interface Protocol	USITT DMX512, RDM, DALI 2, 0-10 V				
	DALI 2 Device Type	DT 8				
	Control System	ArcControl Range or any Third Party Controller				
	DMX Modes DMX Channels	5 (for RGBW version) 4, 3, 12, 3, 6				
	Settings / Addressing	DIP Switch				
	Power Supply	Ambiane Power HP (48 V / 100 W)		Ambiane Power Rack (CE/US)		
PHYSICAL	Width x Height x Depth Weight	Ambiane MP111 Surface Mount 20° - ø129 x 295 mm (ø5 x 11.6 in.)		1.25 kg 2.8 lbs @ 20°		
		Ambiane MP111 Surface Mount 40° - ø129 x 299 mm (ø5 x 11.8 in.)		1.25 kg 2.8 lbs @ 40°		
		Ambiane MP111 Surface Mount 60° - ø129 x 281 mm (ø5 x 11 in.)		1.35 kg 3 lbs @ 60°		
		Ambiane MP111 Surface Mount 80° - ø129 x 265 mm (ø5 x 10.5 in.)		1.35 kg 3 lbs @ 80°		
	Housing	High Pressure Extruded Aluminium Body, Metal cover				
	Finish Options	Standard Color - White RAL9016 Black RAL9005		Cost Option - Custom RAL		
	Cables / Connections	Terminal block (Power In, DMX In/Out, DALI In/Out)				
	Mounting Method	Via Mounting Adaptor				
	Protection Factor	IP20 / Dry location only				
	Cooling System	Convection				
	Operating Ambient Temperature	-20 °C / +40 °C (-4 °F / +104 °F)				
	Max. Operating Temperature	+75°C (167°F)				
	CERTIFICATION	Listings	ETL / cETL, RoHS, CE			
	ACCESSORIES	Included Items				
Control Unit						
Not Included Items						
Ring Louver 20° (Factory Fitted)						
Ambiane Power Rack (CE/US)						
Ambiane Power HP (MeanWell ELG-100-48-3Y)						

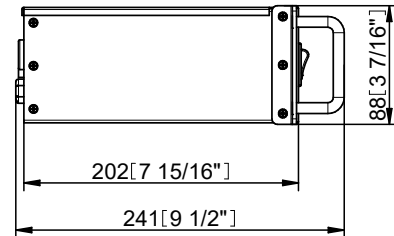
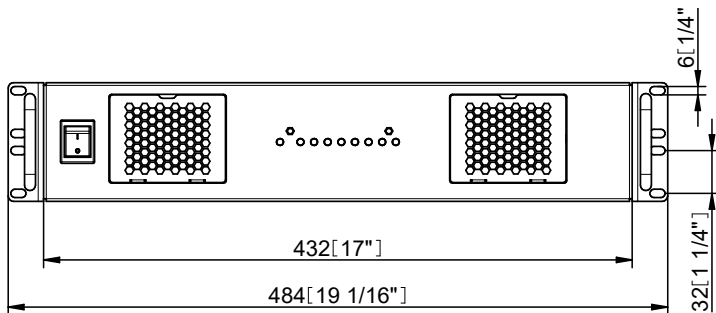
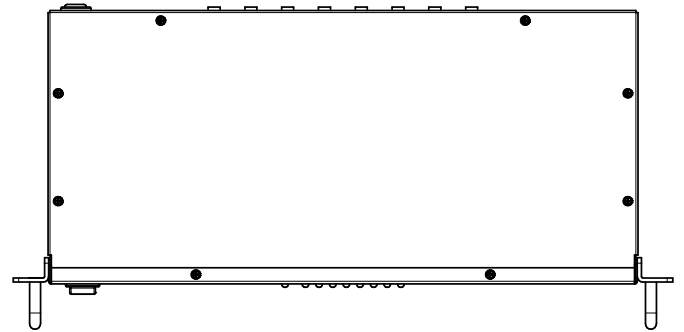
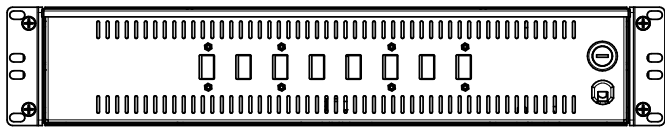
DIMENSIONS

Ambiane MP111, 20° H = 271 mm [10 5/8 in.]
Ambiane MP111, 40° H = 275 mm [10 13/16 in.]
Ambiane MP111, 60° H = 257 mm [10 10/18 in.]
Ambiane MP111, 80° H = 241 mm [9 1/2 in.]



AMBIANE POWER RACK (CE / US) SPECIFICATION

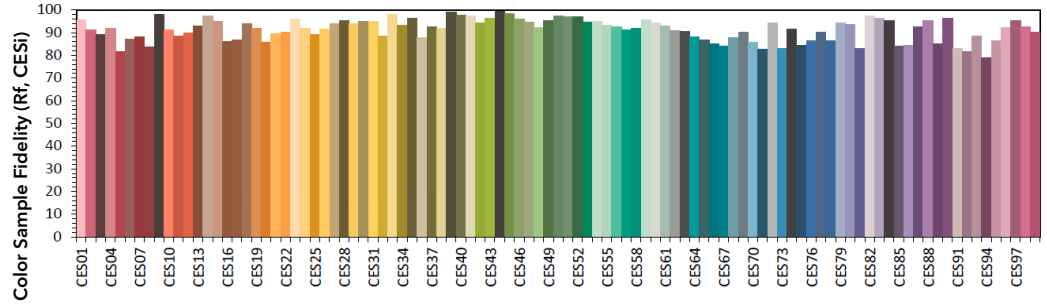
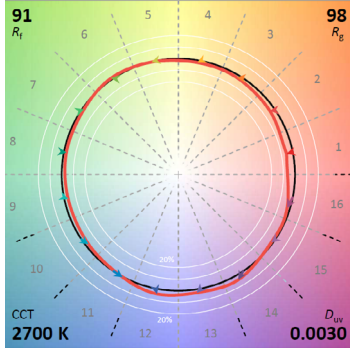
ELECTRICAL	Input Voltage	100 – 240 V AC 50/60 Hz (Ambiane Power Rack) 100 – 277 V AC 50/60 Hz (Ambiane Power Rack US)
	Maximal Power Consumption	1350 W
	Output Voltage	48 V DC
	Outputs	8
	Max. Load per output	200 W
	Max. Total Load	1200 W
PHYSICAL	Length x Height x Depth	484 / 432 x 88 x 241 / 202 mm (19.05 / 17 x 3.46 x 9.48 / 7.95 in.)
	Weight	5.4 kg 11.9lbs
	Housing	Rack Standard - 2U or Wall Mounted Brackets
	Finish Options	Standard Colour - Graphite Black (RAL 9011) Silver (RAL9006) Cost Option - Custom RAL
	Cables / Connections	8 x Terminal Block (DC power Out) 1x Main Power Cord (w/plug; CE/US)
	Mounting Method	Designed to Rack Box Installation
	Protection Factor	IP20 / Dry locations only
	Operating Ambient Temperature	-20 °C / +40 °C (-4 °F / +104 °F)
CERTIFICATION	Listings	ETL / cETL, CE, RoHS , UKCA



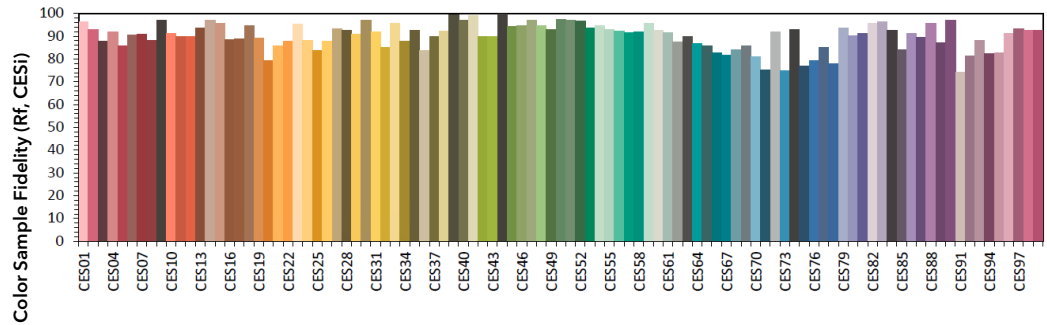
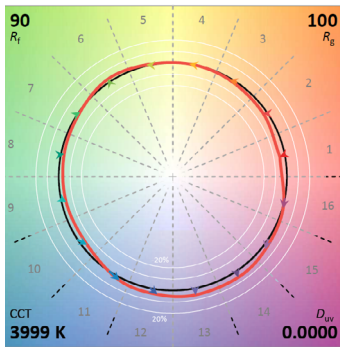
TM30 FOR AMBIANE MP111

NOTE: This is a recommended method for displaying ANSI/IES TM-30-18 information.

RGBW VERSION



RGBW VERSION

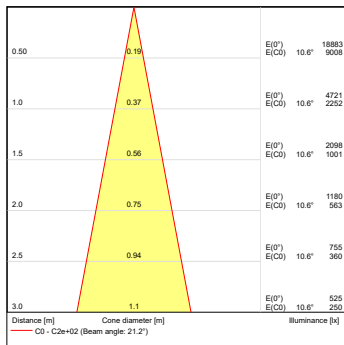
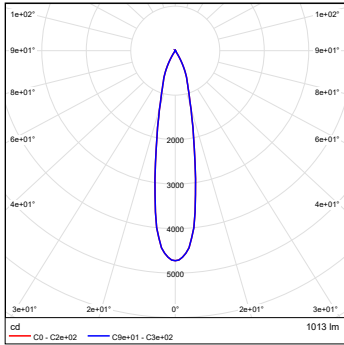


UNIFIED GLARE RATING (UGR)

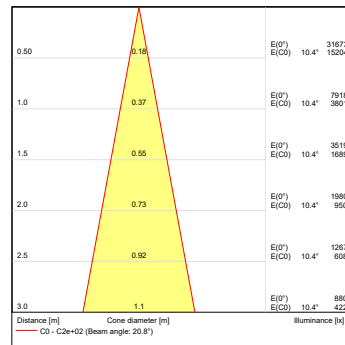
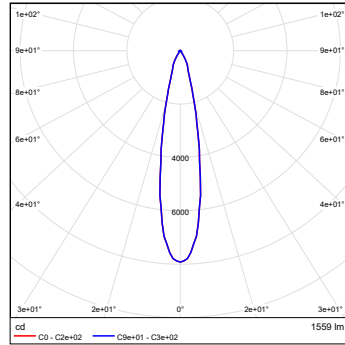
UGR	
20° (with Louver / without Louver)	<6 UGR / <15 UGR
40°	< 20 UGR
60°	< 21 UGR
80°	< 23 UGR

PHOTOMETRIC DATA

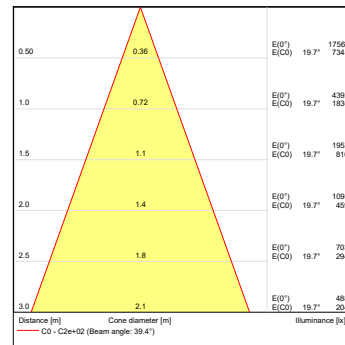
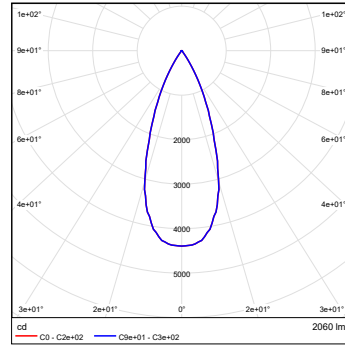
Ambiane MP111 RGBNW 20dg with Ring Louver



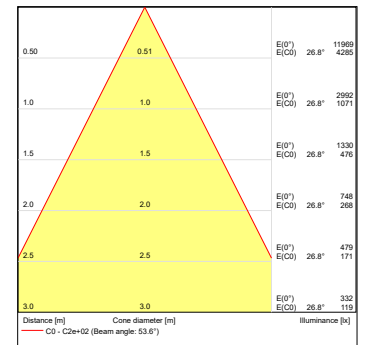
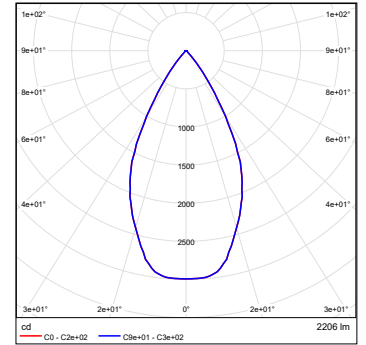
Ambiane MP111 RGBNW 20dg without Ring Louver



Ambiane MP111 RGBNW 40dg



Ambiane MP111 RGBNW 60dg



Ambiane MP111 RGBNW 80dg

