

# AMBIANE® MP111 SURFACE MOUNT TILT

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. Tilt 0-80°.



## KEY FEATURES

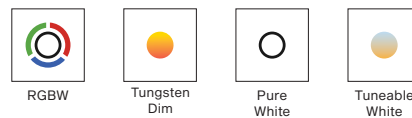
### LED Output

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.

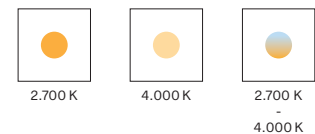
### Control

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



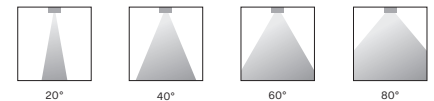
## COLOUR TEMPERATURE



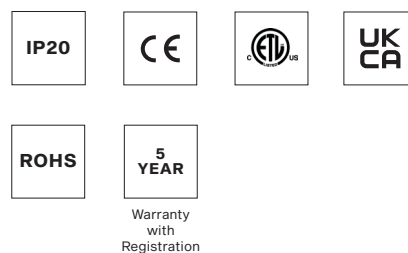
## CONTROL & PROTOCOLS



## OPTIC OPTIONS

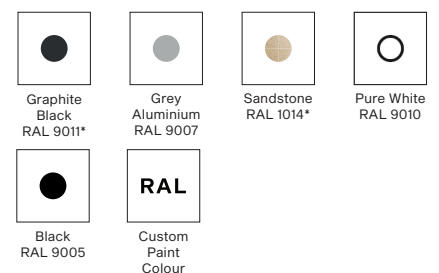


## STANDARD & SPECIFICATION



## FINISH OPTIONS

\* CLOSEST RAL TONE



# SPECIFICATION SHEET

## AMBIANE® MP111 SURFACE MOUNT TILT

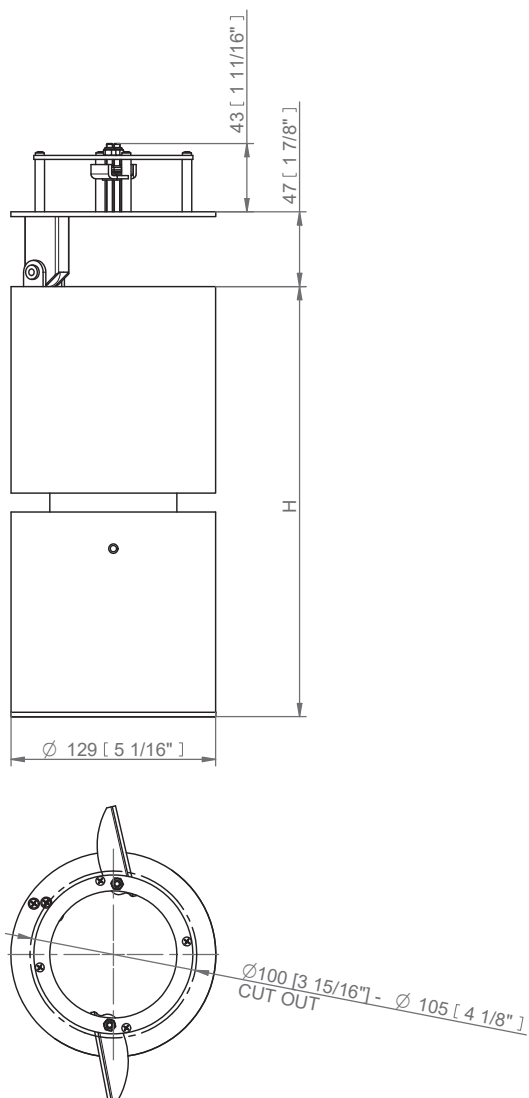


### SPECIFICATION

<b>ELECTRICAL</b>	Input Voltage	48 V DC			
	Input Voltage range	44-50 V DC			
	Max. Power Consumption	42 W			
<b>OPTICAL</b>	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			
<b>CONTROL</b>	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 AP		Ambiane Power Rack (CE/US)	
<b>PHYSICAL</b>	Width x Height x Depth   Weight	20° - ø129 x 361 mm (ø5 x 14.2 in.)		1.25 kg   2.8 lbs @ 20°	
		40° - ø129 x 365 mm (ø5 x 14.4 in.)		1.25 kg   2.8 lbs @ 40°	
		60° - ø129 x 347 mm (ø5 x 13.7 in.)		1.35 kg   3 lbs @ 60°	
		80° - ø129 x 331 mm (ø5 x 13 in.)		1.35 kg   3 lbs @ 80°	
	Housing	High Pressure Extruded Aluminium Body, Metal cover			
	Finish Options	Standard Color	Graphite Black RAL 9011   Grey Aluminium RAL 9007 Pure White RAL 9010   Sandstone RAL 1014   Black RAL 9005		
		Cost Option	Custom RAL		
	Cables / Connections	Terminal block (Power In, DMX In/Out, DALI In/Out)			
	Mounting Method	Via Mounting Adaptor			
	Adjustability	0-80°			
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)				
<b>CERTIFICATION</b>	Listings	ETL / cETL, RoHS, CE			
<b>ACCESSORIES</b>	<b>Included Items</b>				
	Control Unit				
	<b>Not Included Items</b>				
	Ring Louver 20° (Factory Fitted)				
	Ambiane Power Rack (CE/US)				
Ambiane Power AP					

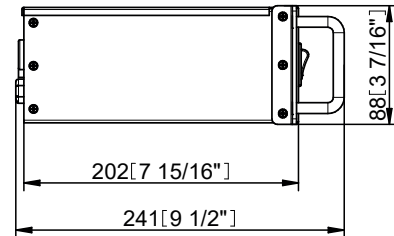
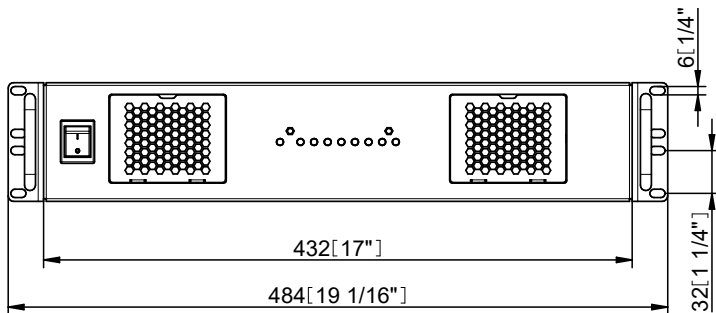
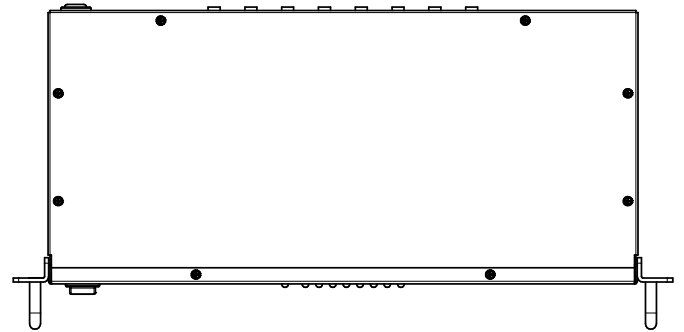
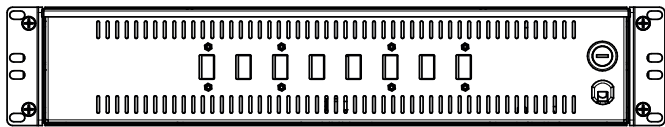
**DIMENSIONS**

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**

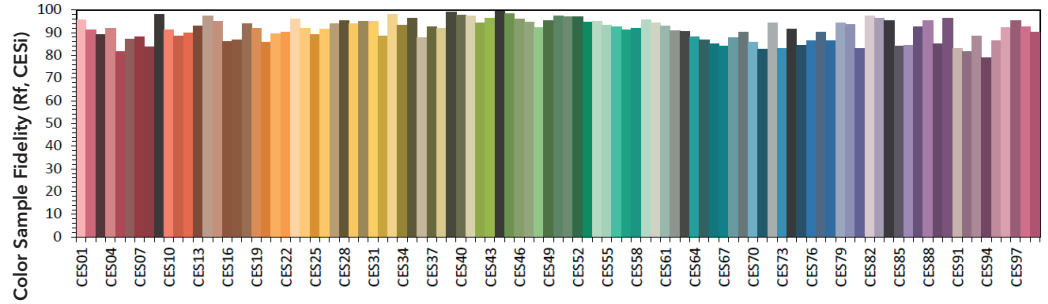
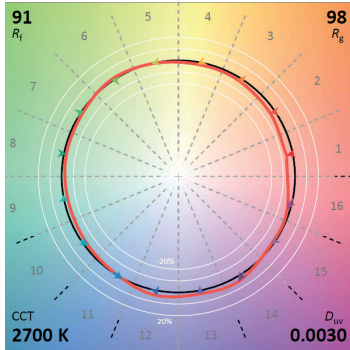
<b>ELECTRICAL</b>	Input Voltage	100 – 240 V AC 50/60 Hz (Ambiane Power Rack) 100 – 277 V AC 50/60 Hz (Ambiane Power Rack US)
	Maximal Power Consumption	1350 W
	Output Voltage	48 V DC
	Outputs	8
	Max. Load per output	200 W
	Max. Total Load	1200 W
<b>PHYSICAL</b>	Length x Height x Depth	484 / 432 x 88 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)
<b>CERTIFICATION</b>	Listings	ETL / cETL, CE, RoHS , UKCA



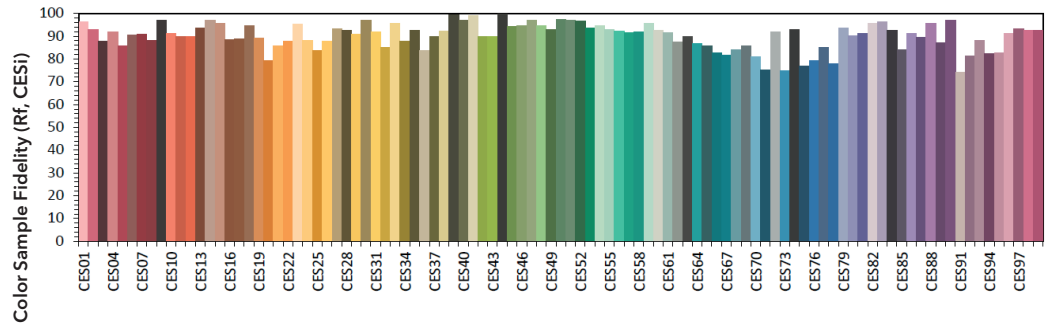
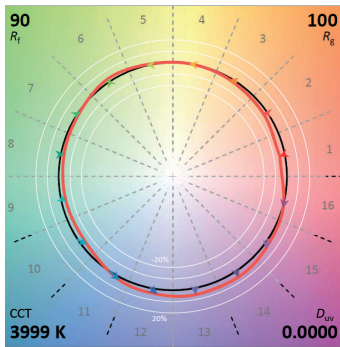
**TM30 FOR AMBIANE MP111**

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

**RGBWW VERSION**



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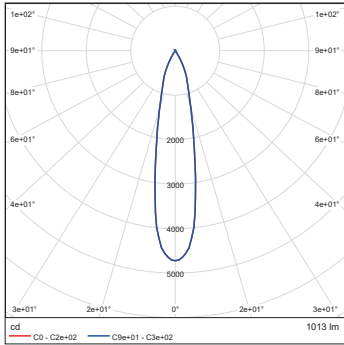


**UNIFIED GLARE RATING (UGR)**

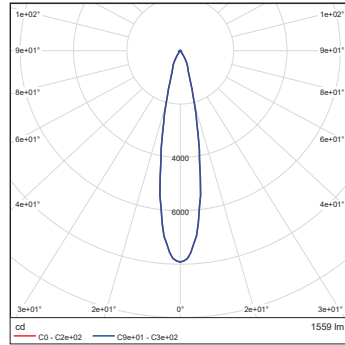
UGR	
<b>20° (with Louver / without Louver)</b>	<6 UGR / <15 UGR
<b>40°</b>	< 20 UGR
<b>60°</b>	< 21 UGR
<b>80°</b>	< 23 UGR

PHOTOMETRIC DATA

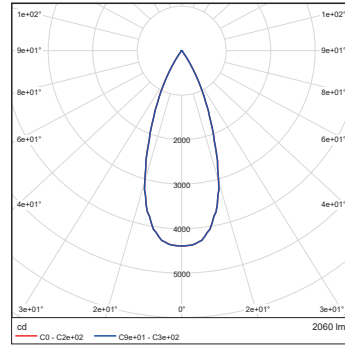
Ambiane MP111 RGBNW 20dg with Ring Louver



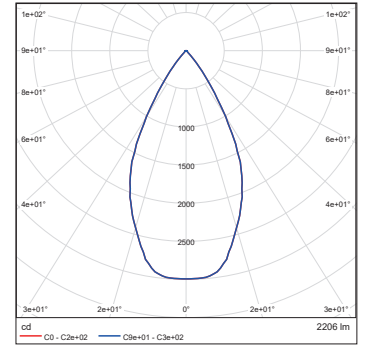
Ambiane MP111 RGBNW 20dg without Ring Louver



Ambiane MP111 RGBNW 40dg



Ambiane MP111 RGBNW 60dg



Ambiane MP111 RGBNW 80dg

