

AMBIANE™ XP56 RECESSED

Specifically designed for large theatres, concert halls, auditoriums, houses of worship and hotel foyers that require general ambient light, with the added ability to create mood, the Ambiane XP56 is the ideal, stylish solution. This high-performance RGBW luminaire delivers in excess of 10,000 lm and is perfect for setting the mood via its super-smooth colour mixing abilities. Available in 20°, 30°, 45° or 60° beam spreads Ambiane XP56 provides perfect coverage of any area. 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 making it ideal for museums as well, the fixture is easily controlled via DMX or DALI and is RDM compatible. Ambiane XP56 has been designed for easy installation and is perfect to retrofit into existing PAR 56 size cut-outs.



KEY FEATURES

LED Output

Available in wide range of color configurations (RGBW, PW, TW, TD), the Ambiane XP56 Recessed utilizes highly-efficient LED modules with CRI 90+ ensuring you can always see every color as it should be. Through the highest possible luminous flux 10,107 lm, the fixture offers many different beam spreads (20°, 30°, 45° and 60°) for the precise light needed in your lighting installation.

Control

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

Installation

Replacing an old Par 56 has never been easier as Ambiane XP56 Recessed provides an absolutely silent solution thanks to its fanless construction and robust heatsink. The low 48V DC input voltage secures safe light operation.

CONTROL & PROTOCOLS



STANDARD & SPECIFICATION



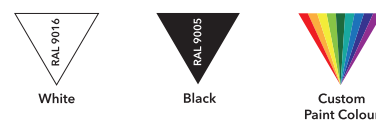
COLOURS



COLOUR TEMPERATURES



FINISH OPTIONS



OPTIC OPTIONS



AMBIANE XP56 RECESSED SPECIFICATION

ELECTRICAL	Nominal Input Voltage	48 V DC			
	Input Voltage Range	44 - 50 V DC			
	Maximal Power Consumption	150 W			
OPTICAL	Light Source	High Power LED module			
	Colour Variants	RGBW (W - 2700 K or 4000 K) PureWhite Tunable White Tungsten Dim			
	Colour Temperature of White	PW 2700K or 4000K TW 2700-4000K TD 3200 K			
	CRI	90+			
	Beam Angle	20°, 30°, 45°, 60°			
	Lumen Output Delivered	7.344 lm (RGBNW @ 20° 4000K)			
		8.707 lm (RGBNW @ 30° 4000K)			
8.865 lm (RGBNW @ 45° 4000K)					
10.107 lm (RGBNW @ 60° 4000K)					
Projected Lumen Maintenance	60.000 hrs (L70 @ 25 °C / 77 °F)				
CONTROL	Interface Protocol	Standard	USITT DMX512, RDM, DALI, 0-10V		
		Wireless	Lumen Radio CRMX Technology		
	DALI Type	DALI 2 Type 6			
	Control System	ArcControl Range or any Third Party Controller			
	DMX Modes	5 (for RGBW version)			
	DMX Channels	4, 3, 12, 3, 6			
	Setting / Addressing	DIP Switch			
	Power Supply	Ambiane XP56 Recessed: Ambiane Power XP, Ambiane Power Rack or Third Party Constant Voltage 48 V / 150 W Power Supply			
		Ambiane XP56 Recessed /W: Ambiane Power XP, Ambiane Power Rack or Third Party Constant Voltage 48 V / 150 W Power Supply			
		Ambiane XP56 Recessed US: Ambiane Power XP, Ambiane Power Rack US or Third Party Constant Voltage 48 V / 150 W Power Supply			
Ambiane XP56 Recessed /W US: Ambiane Power XP, Ambiane Power Rack US or Third Party Constant Voltage 48 V / 150 W Power Supply					
PHYSICAL	Width x Height x Length	Ambiane XP56 Recessed 20°		ø184 x 395 mm (ø7.24 x 15.55 in.)	
		Ambiane XP56 Recessed 30°		ø184 x 395 mm (ø7.24 x 15.55 in.)	
		Ambiane XP56 Recessed 45°		ø184 x 370 mm (ø7.24 x 14.57 in.)	
		Ambiane XP56 Recessed 60°		ø184 x 341 mm (ø7.24 x 13.43 in.)	
	Weight	6.2 kg 13.66 lbs	6.2 kg 13.66 lbs	6.02 kg 13.27 lbs	5.9 kg 13 lbs
	Housing	High Pressure Extruded Aluminium Body, Plastic Cover			
	Finish Options	Standard Color - Black RAL9005 White RAL9016			
		Cost Option - Custom RAL			
	Cables / Connections	Terminal Block (Power In, DMX In/Out, DALI In/Out, Secondary Power)			
	Mounting Method	Recessed, Via mounted bracket. Cut-Out Diameter: 186 mm / 7.32 in.			
	Protection Factor	IP20 / Dry location only			
Cooling System	Convection				
Operating Ambient Temperature	-20 °C / +40 °C (-4 °F / +104 °F)				
Operating Temperature	+70 °C @ Ambient +40 °C (158 °F @ Ambient 104 °F)				
CERTIFICATION	Listings	ETL / cETL, CE, RoHS			
ACCESSORIES	Mounting Accessories	Trim for Ambiane XP56 Recessed			
		False Ceiling Mounting Adaptor			
	Optical Accessories	Louver 5° for Ambiane XP56 Recessed			
		Louver 10° for Ambiane XP56 Recessed			
	Power Supply Options	Ambiane Power XP			
		Ambiane Power Rack (CE / US)			

AMBIANE POWER RACK (CE / US) - SPECIFICATION

ELECTRICAL	Input Voltage	100 - 240V AC 50/60 Hz (Ambiane Power Rack) 100 - 277V AC 50/60 Hz (Ambiane Power Rack US)
	Maximal Power Consumption	1350W
	Output Voltage	48 V DC
	Outputs	8
	Max. Load per output	200W
	Max. Total Load	1200W
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	
Cooling System	Fan Cooled	
Operating Ambient Temperature	-20 °C / +40 °C (-4 °F / +104 °F)	
CERTIFICATION	Listings	ETL / cETL, CE, RoHS

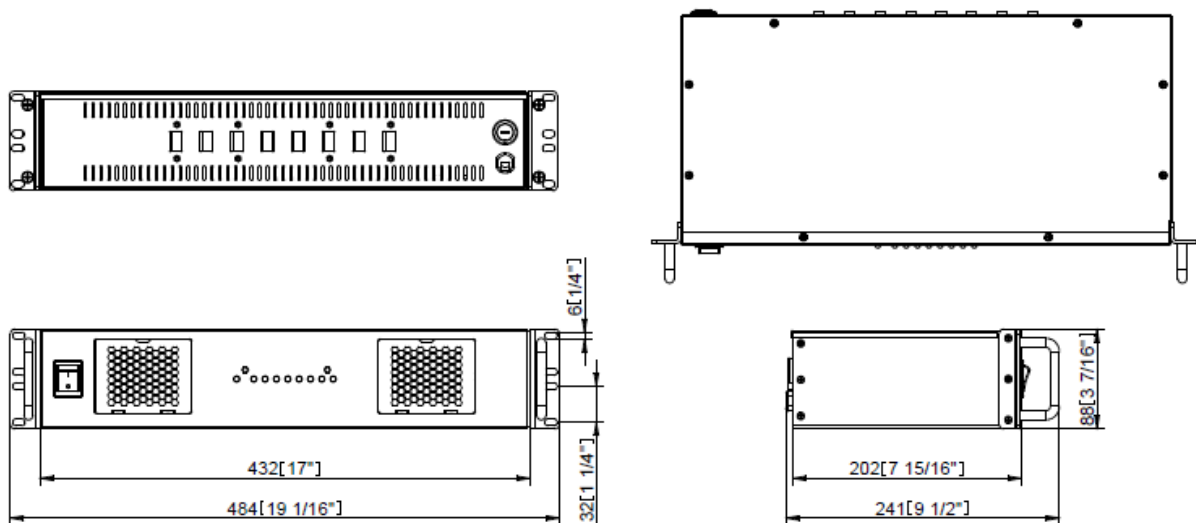
DIAMETER OF CONDUCTORS

Recommended diameters of conductors with respect to distance between Fixture and Power supply.

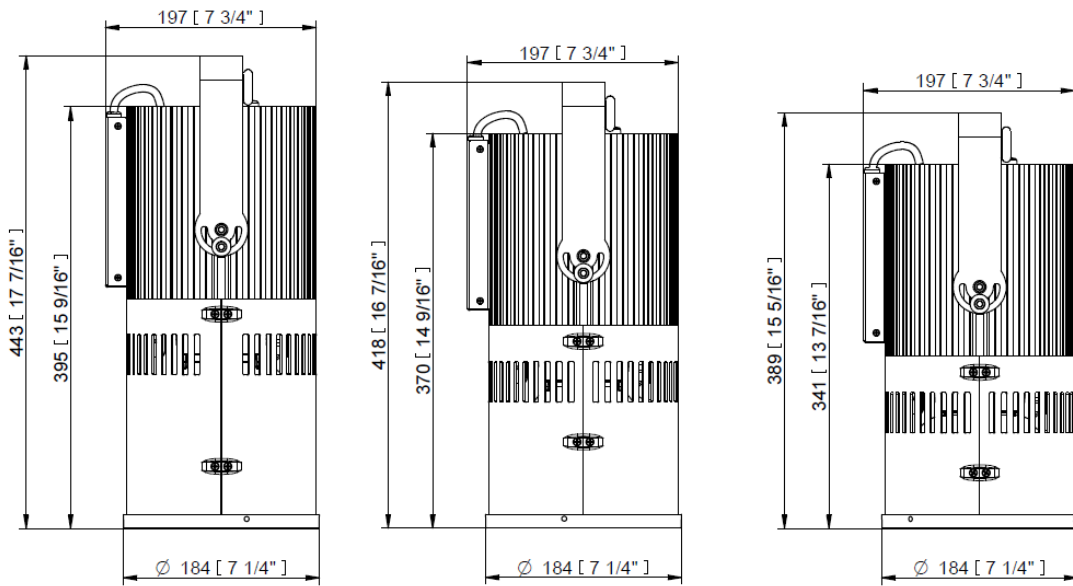
Distance / Cable length	15m	30m	45m	60m	75m
Diameters of conductors	0.5mm ²	1mm ²	1.5mm ²	2mm ²	2.5mm ²

AMBIANE POWER RACK DIMENSIONS

Ambiane Power Rack (CE / US)



DIMENSIONS



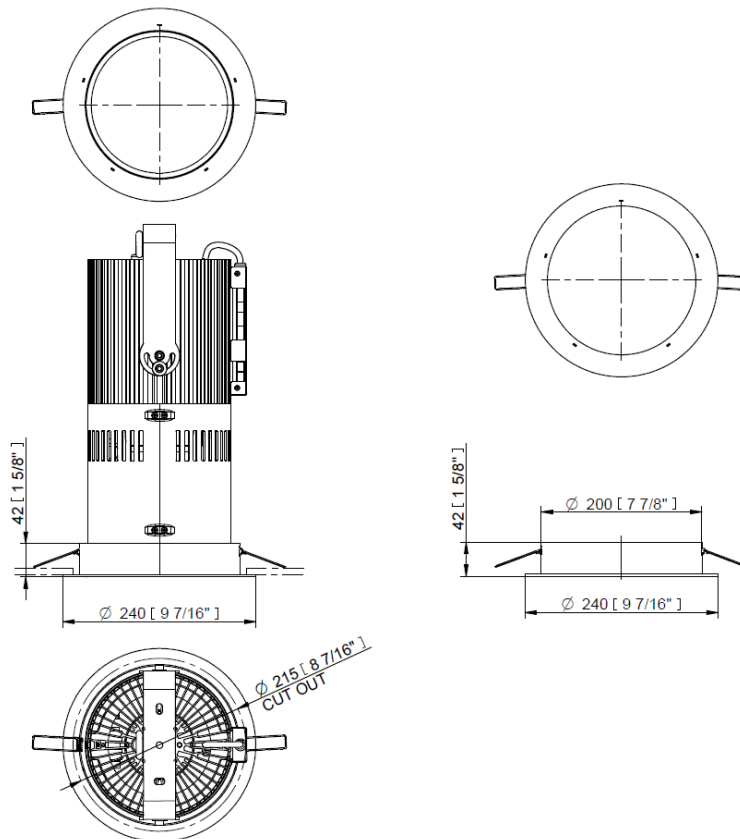
Ambiane XP56 Recessed 20°, 30°

Ambiane XP56 Recessed 45°

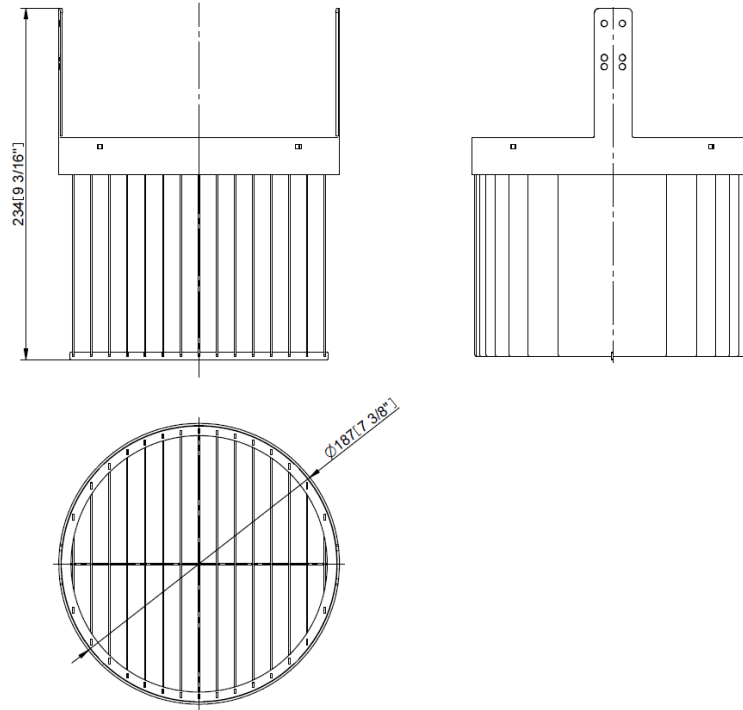
Ambiane XP56 Recessed 60°

ACCESORIES FOR AMBIANE XP56 RECESSED

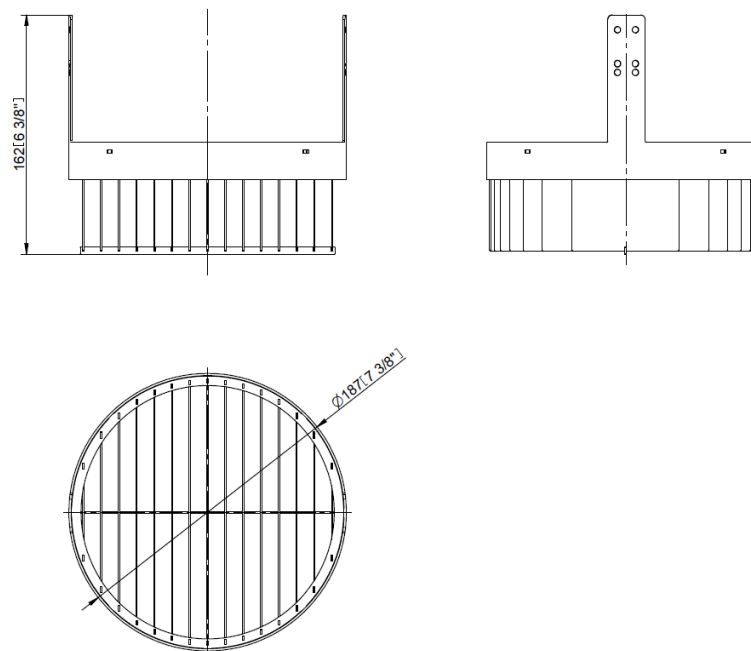
Trim for Ambiane XP56 Recessed



Louver 5° for Ambiane XP56 Recessed



Louver 10° for Ambiane XP56 Recessed



PHOTOMETRIC OVERVIEW

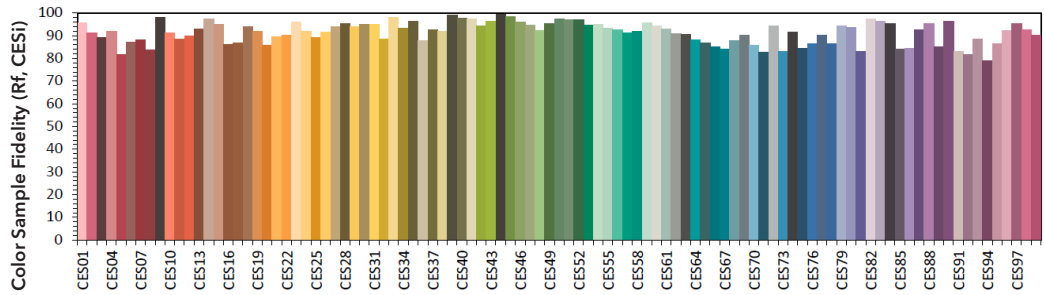
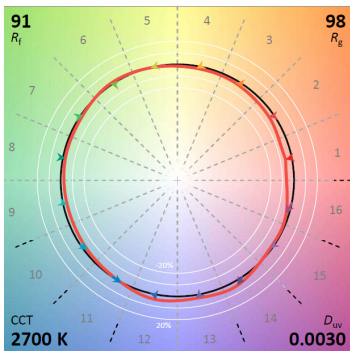
Based on data for Ambiane XP56 Recessed

Lumen Output (lm)

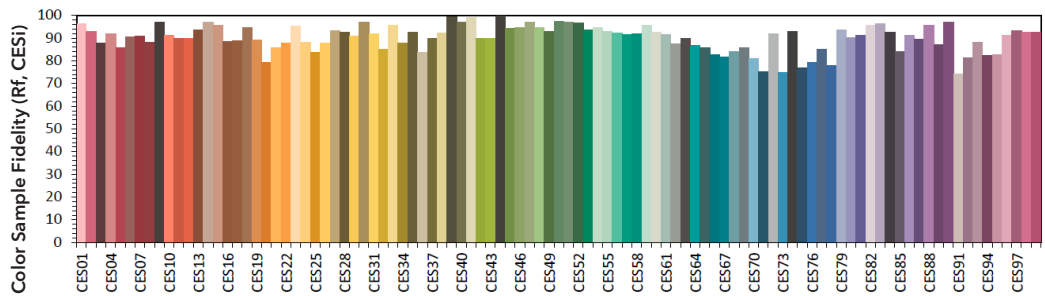
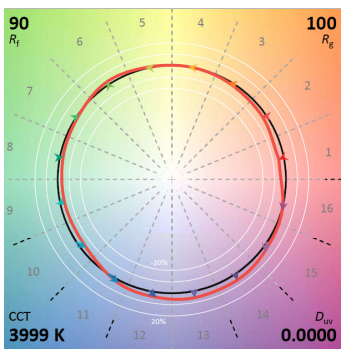
	RGBWW (2700 K)	RGBNW (4000 K)	PW (4000 K)	PW (2700 K)	TW (2700 K - 4000 K)	TD (3200 K)
20°	5 472	7 344	9 432	7 530	5 472 - 7 344	7 401
30°	6 487	8 707	11 182	8 929	6 487 - 8 707	8 774
45°	6 606	8 865	11 386	9 091	6 606 - 8 865	8 935
60°	7 531	10 107	12 981	10 364	7 531 - 10 107	10 186

TM30 FOR AMBIANE XP56 RECESSED

RGBWW VERSION



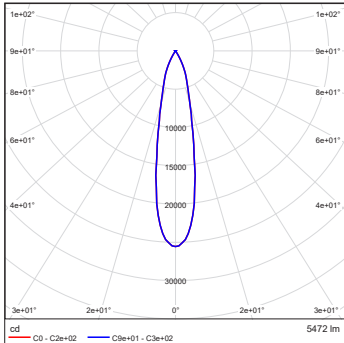
RGBNW VERSION



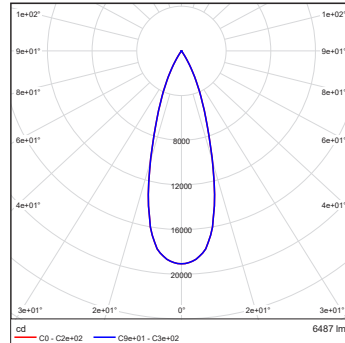
NOTE: This is a recommended method for displaying ANSI/IES TM-30-18 information.

PHOTOMETRIC DATA

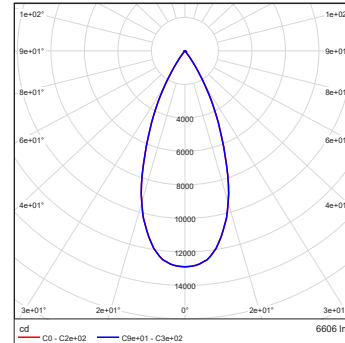
Ambiane XP56 RGBWW 20dg



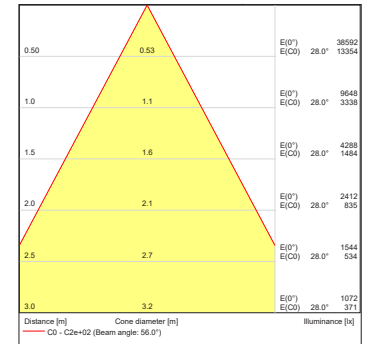
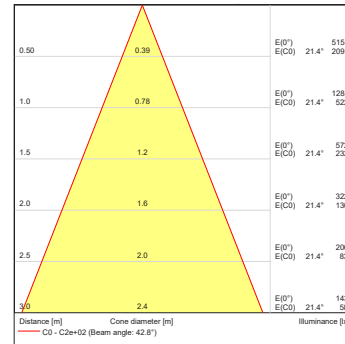
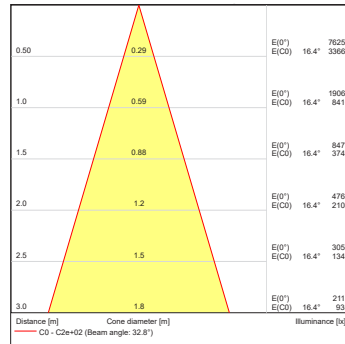
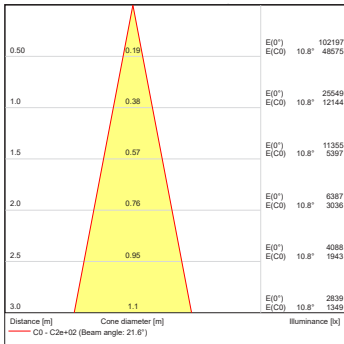
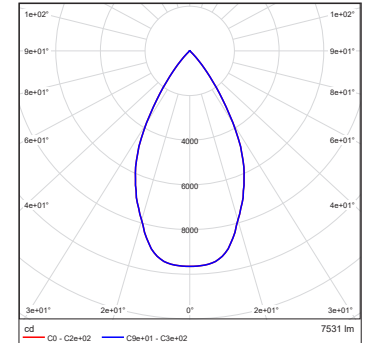
Ambiane XP56 RGBWW 30dg



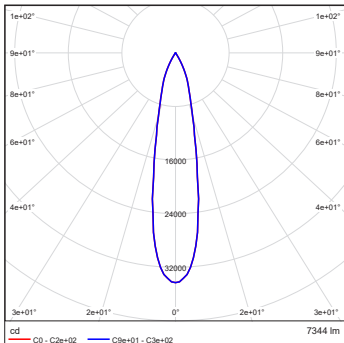
Ambiane XP56 RGBWW 45dg



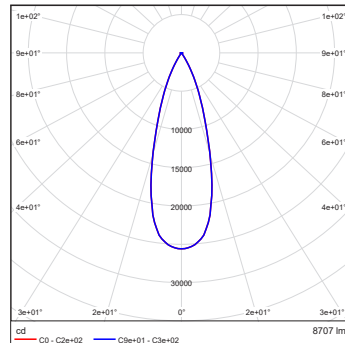
Ambiane XP56 RGBWW 60dg



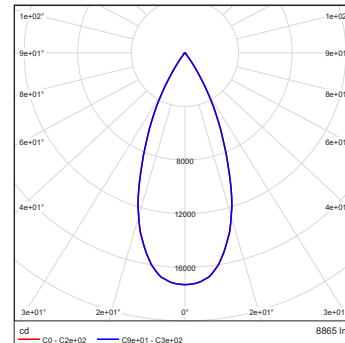
Ambiane XP56 RGBNW 20dg



Ambiane XP56 RGBNW 30dg



Ambiane XP56 RGBNW 45dg



Ambiane XP56 RGBNW 60dg

