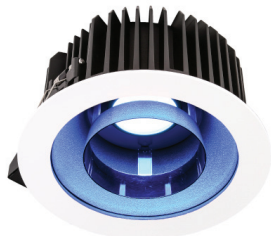


# Ambiane RGBW <sup>tm</sup>



Client: \_\_\_\_\_

Project: \_\_\_\_\_

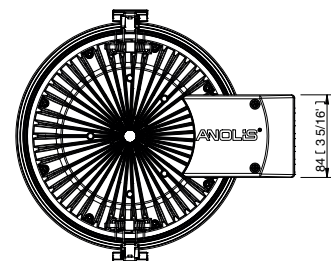
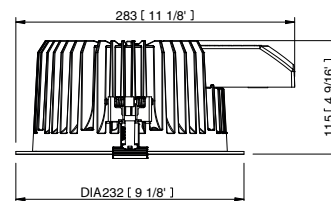
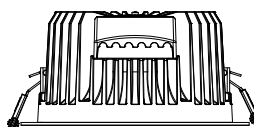
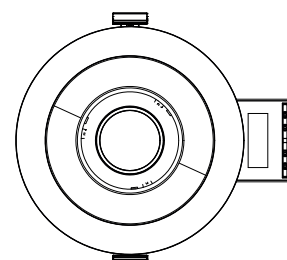
Specifier: \_\_\_\_\_

Type: \_\_\_\_\_ Qty: \_\_\_\_\_



**FEATURES:**

- Input Voltage: 24V DC
- Power consumption: 40W +/- 10%
- Light Source: 24 x High Power Single Chip LED's
- Delivered Lumen:
  - 1669 lm (67° 5000K with Anti Glare Ring)
  - 1521 lm (80° 5000K with Anti Glare Ring)
- Projected LED Life: 50,000 (L70 @ 25°C / 77°F)
- Control: USITT, DMX512, RDM, DALI
- Housing: High Pressure Die-Cast Aluminium
- Plastic Cover
- Mounting Method: Recessed 2 x Spring Clips
- Cut-Out diameter: 212mm (8.34in)
- IP Rating: IP20 (IP54 with Optional diffuser)
- Operating Ambient Temp: -20°C/+40°C (-4°F/+104°F)
- Certification: ETL/cETL, CE, RoHS
- 5 Year Warranty



**HOW TO ORDER**

Ambiane	Variant	Colour Temp	Optic	Finish	
	RGBCW	6500K	67°	W - White	
			80°	S - Silver	
				B - Black	
				R - RAL	* * * *

Requires Separate Power Supply  
ArcPower CLG-60-24 MW

## Product Specification:

Electrical	Input Voltage	24V DC	
	Power Consumption	40W +/- 10%	
Optical	Light Source	24 x High Power Single Chip LED's	
		RGBW	W - 6500K
	Colour Variant	Red, Green, Blue, Cool White	
	Beam Angle	67°, 80°	
	Projected Lumen Maintenance	50,000 Hrs ( L70@ 25°C / 77°F)	
Control	Control System	USITT, DMX512, RDM, DALI	
	Address Setting	Dip Switch	
	Power Supply	ArcPower for Ambiane or Third Party Constant Wattage 24V/60W	
Physical	Width x Height x Depth	Inches	9.1 x 4.53 x 11.1
		mm	232 x 115 x 283
	Weight	lbs	4
		kg	1.8
	Housing	High Pressure Die-Cast Aluminium Body Plastic Cover	
	Fixture Cable and Connections	Terminal Block (Power In, DMX In/Out, DALI In/Out, Back-up Power)	
	Mounting Method	Recessed via 2 x Spring Clips	
	Cut-Out	Ø212 (8.34)	
	IP Rating	IP20 (IP54 with Optional front diffuser)	
	IC Rating	Non-IC Rated	
	Cooling System	Convection	
	Total Heat Dissipation	136 BTU/h (Calculated)	
	Operating Ambient Temperature	-20°C / +40°C (-4°F / +104°F )	
Operating Temperature	75°C @ Ambient +35°C (167°F @ Ambient +95°F )		
Certification	Listings	ETL / cETL, CE, RoHS	

Beam angles may vary depending on colour variant, please see photometric files for details

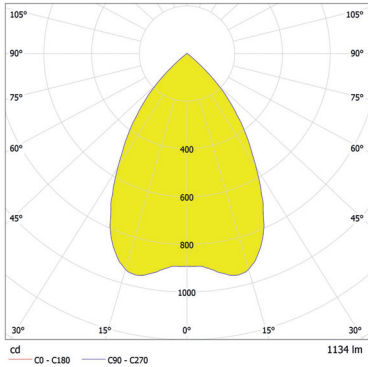
Subject to change without notice - please contact Anolis for clarification

Accessories	Description
1098 0386	Anti-glare Ring - Detachable
1006 3035	ArcPower CLG-60-24 MW
1098 0387	IP54 Diffuser Frosted Glass - Optional
1098 0388	Adaptor Ring + Spring Clip Set - Optional



## Photometric Data:

Ambiane RGBW 67° 2700K

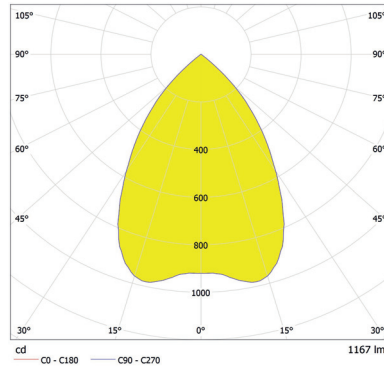


Distance [m]	Cone Diameter [m]	E(0°) E(CD)	Illuminance [lx]
0.5	0.67	3565 1093	
1.0	1.34	891 273	
1.5	2.02	396 121	
2.0	2.69	223 68	
2.5	3.36	143 44	
3.0	4.03	99 30	

Distance [m] Cone Diameter [m]  
CD - C180 (Half-value Angle: 67.8°)

Total Luminous Flux: 1134lm

Ambiane RGBW 67° 3000K



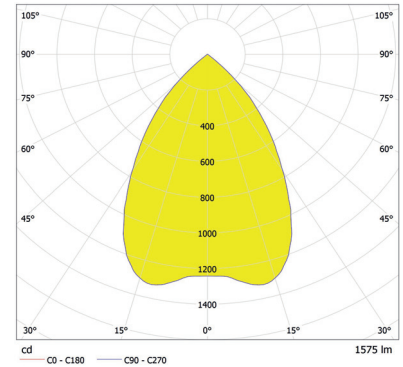
Distance [m]	Cone Diameter [m]	E(0°) E(CD)	Illuminance [lx]
0.5	0.67	3881 1120	
1.0	1.35	920 280	
1.5	2.02	409 124	
2.0	2.70	230 70	
2.5	3.37	147 45	
3.0	4.05	102 31	

Distance [m] Cone Diameter [m]  
CD - C180 (Half-value Angle: 68.0°)

Total Luminous Flux: 1167lm

For foot Candles divide lux by 10.7

Ambiane RGBW 67° 4000K

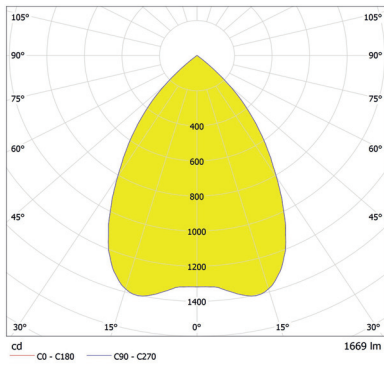


Distance [m]	Cone Diameter [m]	E(0°) E(CD)	Illuminance [lx]
0.5	0.67	4969 1515	
1.0	1.34	1242 379	
1.5	2.02	552 168	
2.0	2.69	311 95	
2.5	3.36	199 61	
3.0	4.03	138 42	

Distance [m] Cone Diameter [m]  
CD - C180 (Half-value Angle: 67.8°)

Total Luminous Flux: 1575lm

Ambiane RGBW 67° 5000K

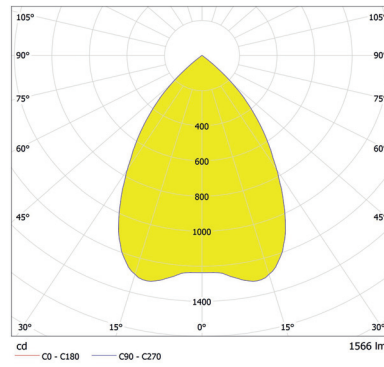


Distance [m]	Cone Diameter [m]	E(0°) E(CD)	Illuminance [lx]
0.5	0.67	5272 1600	
1.0	1.35	1318 400	
1.5	2.02	586 178	
2.0	2.70	330 100	
2.5	3.37	211 64	
3.0	4.05	146 44	

Distance [m] Cone Diameter [m]  
CD - C180 (Half-value Angle: 68.0°)

Total Luminous Flux: 1669lm

Ambiane RGBW 67° 6500K



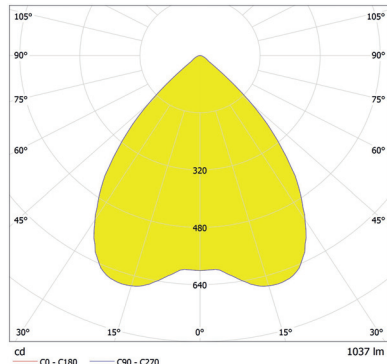
Distance [m]	Cone Diameter [m]	E(0°) E(CD)	Illuminance [lx]
0.5	0.67	4945 1501	
1.0	1.35	1236 375	
1.5	2.02	549 167	
2.0	2.70	309 94	
2.5	3.37	198 60	
3.0	4.05	137 42	

Distance [m] Cone Diameter [m]  
CD - C180 (Half-value Angle: 68.0°)

Total Luminous Flux: 1566lm

## Photometric Data:

Ambiane RGBW 80° 2700K

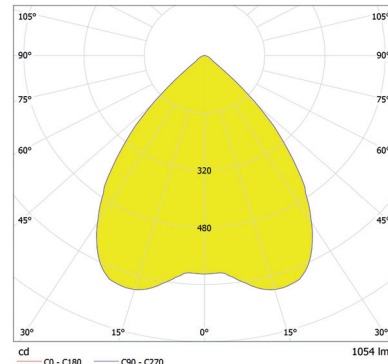


Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(40.1°) E(CD)	Illuminance [lx]
0.5	0.84	2405	602	
1.0	1.68	601	151	
1.5	2.53	267	67	
2.0	3.37	150	38	
2.5	4.21	96	24	
3.0	5.05	67	17	

Distance [m] Cone Diameter [m]  
CO - C180 (Half-value Angle: 80.2°)

Total Luminous Flux: 1037lm

Ambiane RGBW 80° 3000K



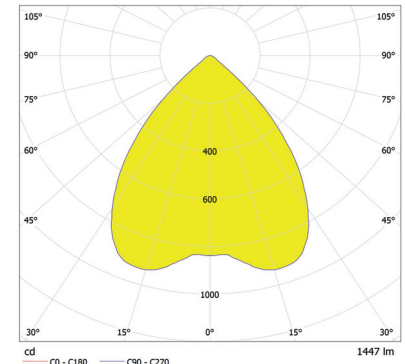
Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(40.1°) E(CD)	Illuminance [lx]
0.5	0.84	2443	613	
1.0	1.68	611	153	
1.5	2.53	271	68	
2.0	3.37	153	38	
2.5	4.21	98	25	
3.0	5.05	68	17	

Distance [m] Cone Diameter [m]  
CO - C180 (Half-value Angle: 80.2°)

Total Luminous Flux: 1054lm

For foot Candles divide lux by 10.7

Ambiane RGBW 80° 4000K

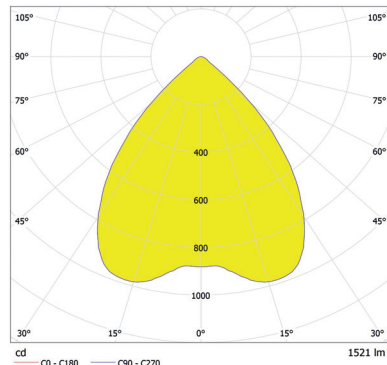


Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(40.1°) E(CD)	Illuminance [lx]
0.5	0.84	3354	838	
1.0	1.68	838	210	
1.5	2.53	373	93	
2.0	3.37	210	52	
2.5	4.21	134	34	
3.0	5.05	93	23	

Distance [m] Cone Diameter [m]  
CO - C180 (Half-value Angle: 80.2°)

Total Luminous Flux: 1447lm

Ambiane RGBW 80° 5000K

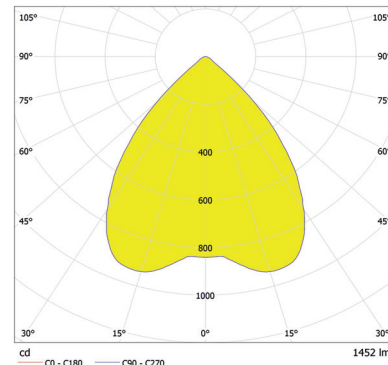


Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(40.1°) E(CD)	Illuminance [lx]
0.5	0.84	3525	883	
1.0	1.68	881	221	
1.5	2.53	392	98	
2.0	3.37	220	55	
2.5	4.21	141	35	
3.0	5.05	98	25	

Distance [m] Cone Diameter [m]  
CO - C180 (Half-value Angle: 80.2°)

Total Luminous Flux: 1521lm

Ambiane RGBW 80° 6500K



Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(40.0°) E(CD)	Illuminance [lx]
0.5	0.84	3367	849	
1.0	1.68	842	212	
1.5	2.52	374	94	
2.0	3.36	210	53	
2.5	4.20	135	34	
3.0	5.03	94	24	

Distance [m] Cone Diameter [m]  
CO - C180 (Half-value Angle: 80.0°)

Total Luminous Flux: 1452lm