



APPLICATIONS

- Office Lighting.
- Boutique Lighting.
- Showcase Lighting.
- Shop Lighting

Orion

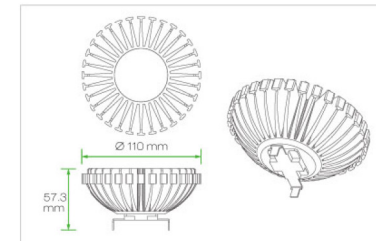
Orion, often referred to as The Hunter, is one of the few constellations visible throughout the planet. Its degree of brightness can be seen and felt every time you switch on ALT's ORION products.

FEATURES

ALT AR111 LED uses aerospace industry level computer cooling technology, in addition to having the longest span life of 50,000 hours, and chips from industry leaders Cree and LUXEON. Replacing a 100W traditional halogen bulb to a 12W ALT AR111 LED gives, almost, a 90% energy savings. ALT Orion Series AR111 creates a more enjoyable shopping experience and keeps the finest moment for all works of art.



AR111



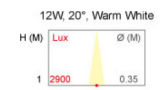
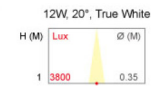
Working Voltage	12V AC/DC
Base	GX53
Weight	8.82 oz. (250g)
Operating Temp	-20°C to +40°C
Lumen Maintenance	50,000 hours
Warranty	3 Years Limited
Optional	AC Adapter



LUMINOUS INTENSITY

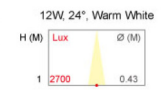
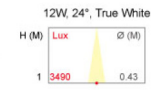
All chipsets maintain a tolerance of ±7% on luminous intensity measurements.

Chipsets		CREE LEDs XP-E					
Power Consumption		12 Watts					
Beam Angle		20°	30°	45°	60°	90°	135°
True White	CRI 80	3800	1950	1150	750	330	115
Natural White	CRI 80	3250	1700	920	650	290	100
Warm White	CRI 80	2900	1500	810	570	260	90



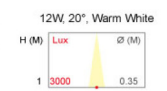
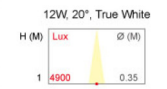
(cd)

Chipsets		CREE LEDs XP-G					
Power Consumption		12 Watts					
Beam Angle		24°	30°	50°	60°	90°	135°
True White	CRI 80	3490	2200	1250	830	430	130
Natural White	CRI 80	2950	1850	1000	700	370	110
Warm White	CRI 80	2700	1700	880	650	330	100



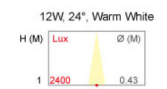
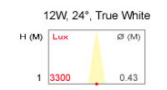
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Chipsets		LUXEON Rebel					
Power Consumption		12 Watts					
Beam Angle		20°	30°	45°	60°	90°	135°
True White	CRI 80	4900	2900	1350	750	410	85
Natural White	CRI 80	4800	2700	1300	720	410	85
Warm White	CRI 80	3000	1800	950	560	320	68



(cd)

Chipeets		LUXEON Rebel ES					
Power Consumption		12 Watts					
Beam Angle		24°	30°	50°	60°	90°	135°
True White	CRI 80	3300	2350	1300	850	485	120
Natural White	CRI 80	3200	2300	1270	830	450	105
Warm White	CRI 80	2400	1500	830	645	365	85



(cd)