



CO2 Reduction (Based on 50kg Hour) 1625kg

Benefits

- The ACHRON is designed to deliver high performance and maximum light intensity.
- The ACHRON features 12 x 1W high power LEDs in a stylish aluminium housing which acts as sophisticated heat sink. This patented technology ensures that the unit is thermally stable even when driven at the specified 350mA rating. The lamp features standard bi-wire connectors in Heat resistant cable for ease of installation
- The ACHRON utilizes EDEN illumination Cooling Technology specifically developed for driving high power CREE devices. It uniquely allows heat to dissipate efficiently making the product thermally stable for long hours of operation with a life of over 50,000 hours.

Features

Lumen Output	550 Lumens
Wattage	12Watt
Input Power	24V / 240 Volts
Efficacy	45 Lum/Watt
Color Temperature (CCT)	3100k - 6500k
Color Rendering Index (CRI)	85
Beam Spread	8-15-30-45 Degs
Rated Life	50,000 Hrs
LEDs	12 x 1W CREE
Housing	Aluminium
Mounting Options	Recessed
Dimensions	130 Dia x 158mm High
Power Supply	350mA
Working Voltage	24 Volts
Warranty	2 Years - Driver 2 Years
Environment	IP65
Approvals	CE Approved and ROHS Compliant



Applications

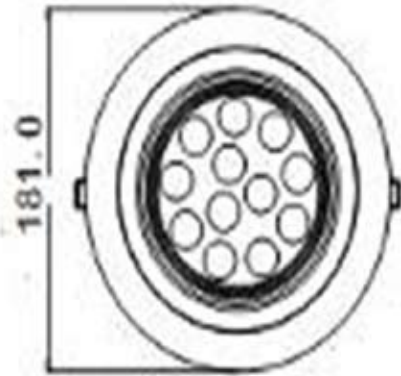
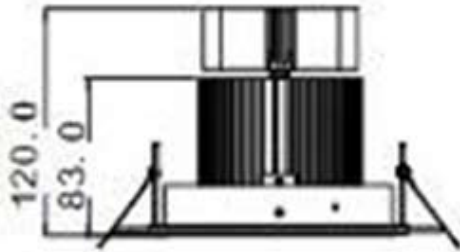
- Retail Lighting
- Restaurants, Bars and Hotels
- Architectural Lighting
- Display Lighting

ACHRON

Lamp Head Adjustable +/- 30 Degs

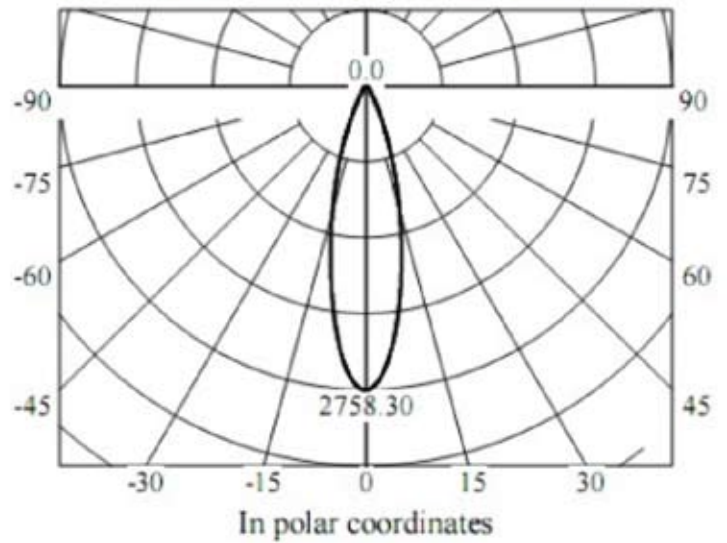


170mm

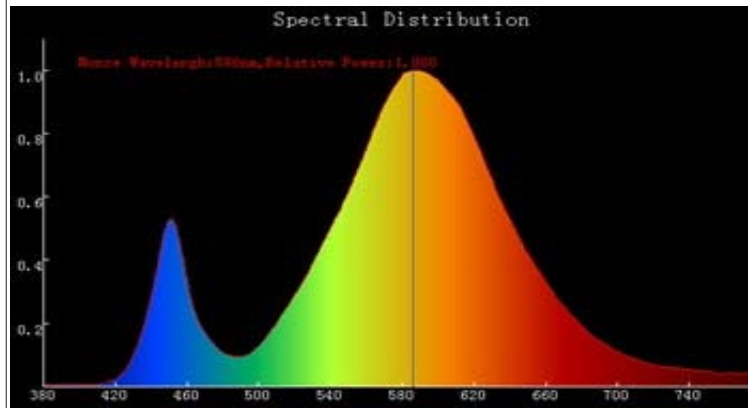


Light Distributions

Luminous Intensity Diagram Curve



In polar coordinates



Weights & Thermal Data

Lamp Type	Weight (kg)	Minimum Operating Temp (-20°C)	Maximum Ambient Temp (+50°C)
LED	1.02kgs		

Available Light Output Colours



Order Details

Description Code	Beam Angle 15-30-45 Degs					LED Colour Option							Finish Silver/Brass Shining White /Matt White			
	8 Degs	15 Degs	30 Degs	45 Degs	60 Degs	Warm white	Cool White	Red	Green	Blue	Amber	Red Green Blue	Silver	Brass	Shining White	Matt White
ACHRON	N	M	W	E/W	EXW	W/W	C/W	R	G	B	A	RGB	S	B	S/W	M/W
*				*				*					*			
Example Order(*) ED20-ACHRON-E/W-R-S																

We reserve the right to make changes at any time in order to maintain the highest product quality.

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ACHRON REV-A SEP-2009

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