iAxis
String | **AR91594 1 Module**

Key Features

iAxis String is a durable and virtually maintenance surface mounted modular curved luminaire suitable for a wide range of cove, wall washing, accent, surface grazing, and indirect lighting applications in architectural, hospitality, and retail environments.

Designed to last in extremely harsh environments.

Monochrome or DALI controllable, easy to install with the remote power supply and connect via combined power and data connectors.

Key Data

LED Type	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant. Custom LED color combinations available.
Nominal Voltage	6V DC / 12V DC / 72V DC / 144V DC
Color Rendering Index	CRI ≥ 80 standard and CRI ≥ 90 on request.
Optics	Standard: 8° / 12° / 25° / 30° / 45° / 60° / 90° / 18°x38° / 10°x60° / 25°x50° Asymmetrical Linear Wallwash. Custom optics upon request.
Materials	Corrosion resistant encapsulated thermoplastic housing with stainless steel screws (A4 grade) durable and exhibits superior resistance to external factors including UV radiation. Withstands changing temperature, humidity or sunlight and extreme weather conditions. Operates with a remote driver. Product can be angled up to 45 degrees. 6 or 12 Units for 1000mm and 12 or 24 Units for 2000mm.
Optional Coating	Marine grade.
Diffuser	High impact and heat resistant polycarbonate with UV protection.
LED Life Time	L80 B10 70.000h Ta 25°C L80 B10 50.000h Ta 40°C
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	1-10V DIM, DALI Interface.
Protection Class	IP66
Impact Resistance	IK08
Insulation Class	Class III
Conformity	Complies with European Standards EN 60598 and CE certified.

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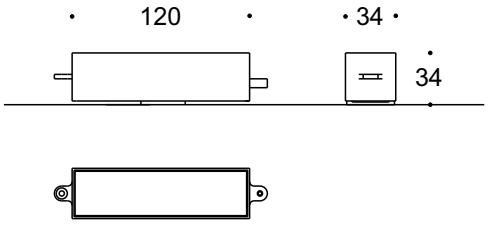
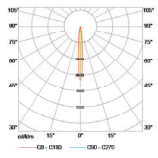
Technical Drawing

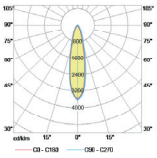


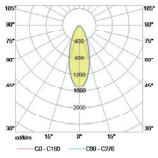
Information

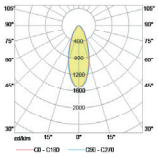
CODE	LENGTH (mm)	V DC	POWER CONSUMPTION 350mA	POWER CONSUMPTION 500mA	POWER CONSUMPTION 700mA	LUMEN OUTPUT (lm) 3000K / 4000K 350mA	LUMEN OUTPUT (lm) 3000K / 4000K 500mA	LUMEN OUTPUT (lm) 3000K / 4000K 700mA
AR91594 1 Module	120	12V DC	4W	6W	8W	540 / 568	810 / 852	1080 / 1136

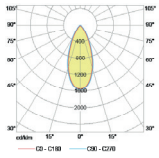
Light Distribution Curve


8°


12°


25°


30°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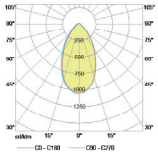
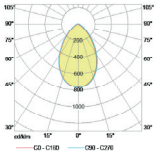
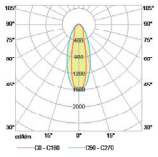
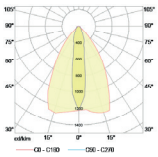
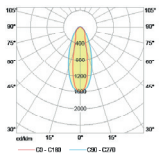

60°


90°


18° x 38°


10° x 60°


25° x 50°

Accessories

T-Box

Code: TB1001

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