



## Key Features

Sword media facade line enables an endless layout of patterns, graphics display and offers customizable solutions pixel mapping with DMX 512 and RDM protocol.

Encapsulated linear pixel luminaires designed to highlight the exceptional character of large-scale architectural structures and spaces such as skyscrapers, stadiums, theme parks, bridges, airports, and shopping malls.

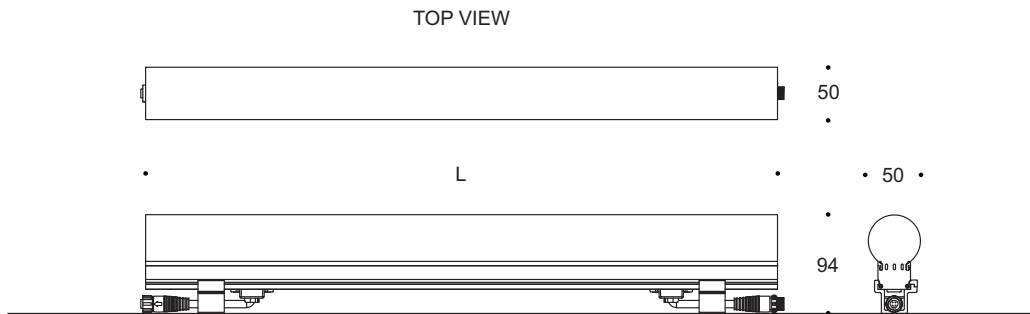
Sword PX video pixel linear engineered to provide powerful pixel mapping and media effects.



## Key Data

<b>LED Type</b>	High efficiency 3 in 1 Chip RGB LEDs, 3-step MacAdams ellipse and LM80 compliant. Each colour (RGB) can be controlled individually.
<b>Nominal Voltage</b>	48V DC
<b>Maximum in Chain</b>	Max 16 meters or 32 pieces (Varies by selected DMX)
<b>Color Range</b>	16.7 Million additive RGB colors
<b>Color Rendering Index</b>	CRI ≥ 80 standard and CRI ≥ 90 on request.
<b>Color Resolution</b>	3x12-bit (Gamma correction)
<b>Light Distribution</b>	120°
<b>Materials</b>	Corrosion resistant extruded anodized aluminium housing with stainlesssteel screws and silicone rubber gaskets. Back connection via XLR connectors and no gaps between two products. Includes adjustable mounting brackets. Confirms vibration standards for bridge applications.
<b>Addressing</b>	RDM (Group of Remote Addressable Systems)
<b>Monitoring</b>	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring.
<b>Pixel Pitch</b>	Pixel pitch is configurable via RDM, max 40pixel/m
<b>Optional Coating</b>	Marine grade.
<b>Diffuser</b>	High impact and heat resistant polycarbonate with UV protection.
<b>LED Life Time</b>	L90 - B10 > 100,000h
<b>Operating Temperature</b>	-40°C / +55°C
<b>Power Factor</b>	>0.95
<b>Control Systems</b>	DMX: USITT DMX512-1990 / RDM: ANSI/ESTA E1.20-2010
<b>Protection Class</b>	IP67
<b>Impact Resistance</b>	IK10
<b>Insulation Class</b>	Class II
<b>Conformity</b>	Complies with European Standards EN 60598 and CE certified.

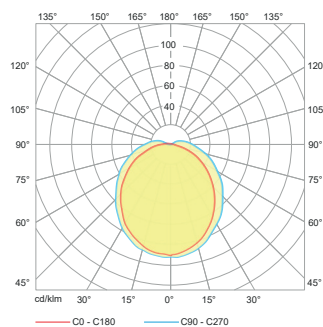
Technical Drawing



Information

PRODUCT	LENGHT (mm)	POWER CONSUMPTION	LUMEN OUTPUT (lm) RGB	COLOUR TEMPERATURE
AR106615 ROUND / 300	300	21,1 W Full On	286 lm/m	RGB
AR106615 ROUND / 600	600	21,1 W Full On	286 lm/m	RGB
AR106615 ROUND / 900	900	21,1 W Full On	286 lm/m	RGB
AR106615 ROUND / 1200	1200	21,1 W Full On	286 lm/m	RGB

Light Distribution Curve



120°