



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.

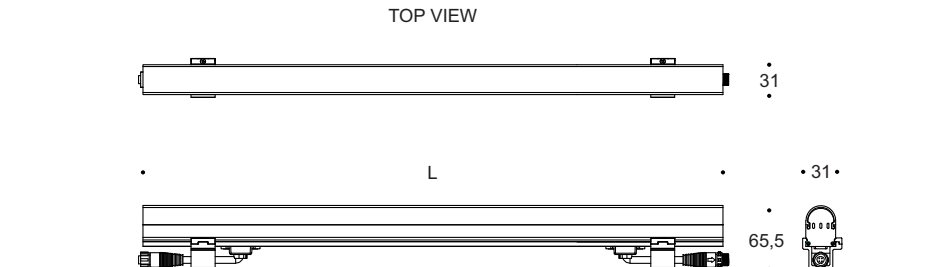
Sword PX video pixel linear engineered to provide powerful pixel mapping and media effects.



Key Data

LED Type	High efficiency 3 in 1 Chip RGB LEDs, 3-step MacAdams ellipse and LM80 compliant. Each colour (RGB) can be controlled individually.
Nominal Voltage	48V DC
Maximum in Chain	Max 16 meters or 32 pieces (Varies by selected DMX)
Color Range	16.7 Million additive RGB colors
Color Rendering Index	CRI ≥ 80 standard and CRI ≥ 90 on request.
Color Resolution	3x12-bit (Gamma correction)
Light Distribution	120°
Materials	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.
Addressing	RDM (Group of Remote Addressable Systems)
Monitoring	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring.
Pixel Pitch	Pixel pitch is configurable via RDM, max 40pixel/m
Optional Coating	Marine grade.
Diffuser	High impact and heat resistant polycarbonate with UV protection.
LED Life Time	L90 - B10 > 100,000h
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	DMX: USITT DMX512-1990 / RDM: ANSI/ESTA E1.20-2010
Protection Class	IP67
Impact Resistance	IK10
Insulation Class	Class II
Conformity	Complies with European Standards EN 60598 and CE certified.

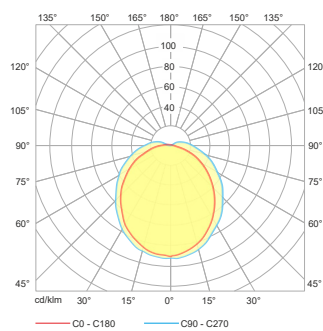
Technical Drawing



Information

PRODUCT	LENGHT (mm)	POWER CONSUMPTION	LUMEN OUTPUT (lm) RGB	COLOUR TEMPERATURE
AR106613 RADIUS / 300	300	21,1 W Full On	298 lm/m	RGB
AR106613 RADIUS / 600	600	21,1 W Full On	298 lm/m	RGB
AR106613 RADIUS / 900	900	21,1 W Full On	298 lm/m	RGB
AR106613 RADIUS / 1200	1200	21,1 W Full On	298 lm/m	RGB

Light Distribution Curve



120°