

Sword Dynamic

DYNAMIC
WHITE

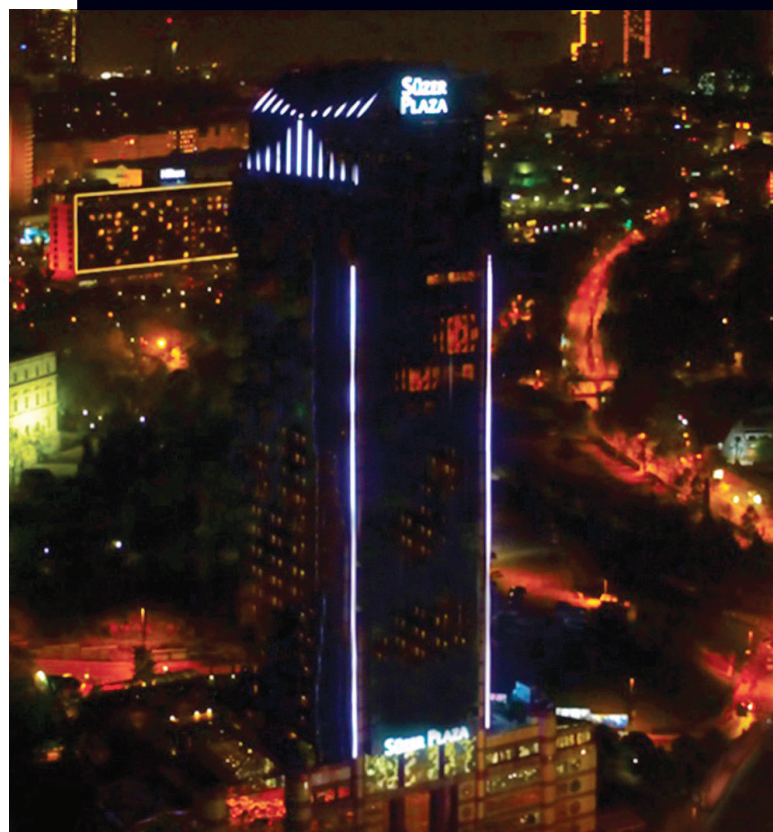
SYSTEM
MONITORING



Sword media facade line enables an endless layout of patterns, graphics display and offers customizable solutions pixel mapping with DMX 512 and RDM protocol. Dynamic Tunable White technology for the selection of any colour temperature from 2700K to 6500K.

Number of pixels may change in order to optimize for appearances and scenarios. Working status of fixtures, local temperature values, voltage input & output, serial number and DMX address is monitored. User is informed by mail and system responses automatically according to the data. Perfect viewing without pixel gap or shade in the connection points.

Designed to last in extremely harsh environments.





CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm)	COLOUR TEMPERATURE	VIEWING ANGLE	A (mm)	B (mm)	H (mm)	L (mm)
AR106811 SWORD DYNAMIC DIRECT VIEW 30/60/90/120 cm	15W/m Full On	560	White CCT 2700-6500K	130°	30	44	46	300 / 600 / 900 / 1200
AR106813 SWORD DYNAMIC RADIUS DIFFUSED 30/60/90/120 cm	15W/m Full On	560	White CCT 2700-6500K	160°	30	44	46	300 / 600 / 900 / 1200
AR106815 SWORD DYNAMIC ROUND DIFFUSED 30/60/90/120 cm	15W/m Full On	560	White CCT 2700-6500K	165°	30	44	46	300 / 600 / 900 / 1200
AR106817 SWORD DYNAMIC FLAT DIFFUSED 30/60/90/120 cm	15W/m Full On	560	White CCT 2700-6500K	160°	30	44	46	300 / 600 / 900 / 1200

LED Type	High efficiency LEDs color temperatures ranging from 2700 K to 6500K, 3-step MacAdams ellipse and LM80 compliant. Each temperature (2700K-6500K) can be controlled individually.
Nominal Voltage	48VDC
Maximum in Chain	Max 20 meters or 32 pieces (Varies by selected DMX)
Color Range	White CCT 2700-6500K
Color Resolution	3x12-bit (Gamma correction)
Color Rendering Index	CRI> 80 standard and CRI>90 on request.
Addressing	RDM (Group of Remote Addressable Systems)
Monitoring	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring.
LED Pitch (mm)	25
Pixel Pitch	Pixel pitch is configurable via RDM, max 40pixel/m
Control Interface	DMX: USITT DMX 512 A / RDM: ANSI/ESTA E1.20-2010
Materials	Corrosion resistant extruded anodized aluminium housing with stainless steel 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.
Optional Coating	Marine grade.
Accessories	Push Lock Type 2+4 Pin Waterproof Connector
Diffuser	High impact and heat resistant polycarbonate with UV protection.
LED Specification	60.000 > hours L70 @ 50° C (full output).
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP67
Impact Resistance	IK10
Insulation Class	Class II
Conformity	Complies with European Standards EN 60598 and CE certified.

