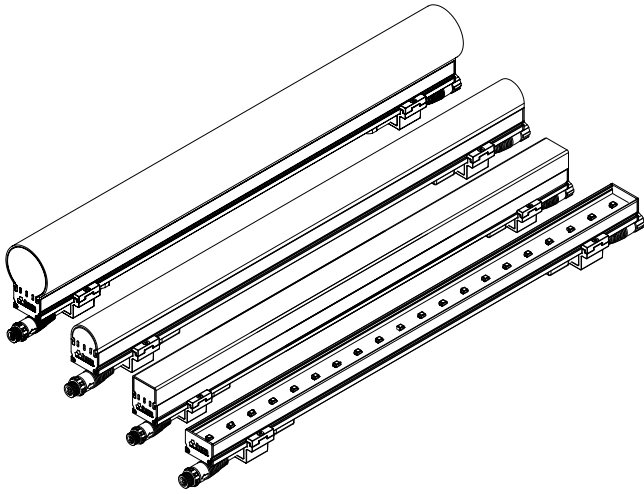


Date _____
 Company _____
 Project _____



Explanation

Sword® RGBW Series, provides optimum illumination with excellent colour harmony for media facade lighting, bridges, stadiums, creative stage lighting, and specialized lighting design. With RGB + smart white algorithms, the 3-channel system controls 4 colors per pixel. This feature provides white color in better quality, thereby improves the display brightness and efficiency. Sword® RGBW fixture provides a dynamic lighting solution with unlimited pixel options, advanced accessory alternatives and easy assembly structures.

- Sword® RGBW can be used in 4 channels through DMX Personality. The 3-channel system can control 4 colors per pixel through RGB + smart white algorithms. All customization options can be chosen remotely through DMX512 protocol.
- Sword® RGBW provides compatible communication with other fixtures using standard DMX512 and RDM protocols without requiring any other special communication protocol or production ID. They are remotely addressable in group via RDM protocol. This feature allows for easy pixel mapping and addressing after all installations have been completed.
- Sword® RGBW fixtures enable flexible application using very long starter and jumper cables, since they operate in a 48V DC voltage range.
- The operating characteristics of the fixtures are able to be changed with the DMX Personality, therefore it is possible to change the number of pixels of the products as well. The number of pixels of the fixtures can be changed to be optimized for appearance and scenario variations. For example, each LED in the 25mm range can be 1 pixel, or 2 LEDs, 4 LEDs or 8 LEDs as 1 pixel.
- Through RDM monitoring and software, it is possible to follow and determine: whether the fixtures are working properly, by displaying voltage input and output warnings, serial number, display of regional temperature values and DMX address. The user is informed by e-mail according to incoming data thus, automatic interventions are possible based received on data.
- Sword® RGBW fixtures work through Madrix® software and hardware in coordination. Pixel mapping can be made easily by selecting fixtures in Madrix® library.
- Direct View, Flat Diffused, Radius Diffused, Round Diffused options are available. Diffuser profiles are resistant to impacts and UV, and never turn yellow during their lifetime due to the alloyed PMMA and PC structure.
- Sword® RGBW creates a continuous linear appearance. Due to the special side-cover design, fixtures are mounted side-by-side and no shadows are formed between them.
- Available for different forms of applications in different lengths: 300mm, 600mm, 900mm, 1200mm, 1500mm. Sword® RGBW has extra flexible mounting feature for confined spaces, with mounting bracket that can move on the fixture.
- Sword® RGBW fixture is in IP67 protection class and it is designed to meet challenging requirements of exterior facade applications with its robust and durable structure. Sword® RGBW is resistant to impact, vibration and other harsh conditions due to aluminum housing and special filler material.
- Sword® RGBW provides power and data transmission via input and output connectors. IP67 connectors are in push-lock structure. They can be easily rotated and assembled, and leave sufficient gaps between the fixtures. There is no need to use extra junction-box via input and output.
- The slim profile (30mm) ensures to integrate and camouflage the different types of facade coatings easily. It is produced in RAL9005-black color as standard, and it is also available in different colors in RAL code upon request.

	Direct View	Radius Diffused	Round Diffused	Flat Diffused
Output				
Light Source:	40pcs/m High intensity 4 in 1 Chip RGBW LEDs			
LED Pitch:	25mm			
Lumen Maintenance:	60.000 > hours L70 @ 50° C (full output)			
Color Range:	16.7 Million additive RGB colors, white CCT 6500K			
Ra(CRI):	White 72CRI, RGBW Full on 77CRI			
Beam Angle:	130°	160°	165°	160°
Luminous Flux:	578 lm/m	437 lm/m	407 lm/m	387 lm/m
Luminous Intensity:	176 cd/m	83 cd/m	76 cd/m	69 cd/m
Efficacy (lm/W):	25 lm/W	19 lm/W	18 lm/W	17 lm/W
<i>*Photometric performance is measured in compliance with IESNA LM 79-08</i>				

Control & Programming

Pixel Pitch:	Pixel pitch is configurable via RDM, max 40pixel/m
Color Resolution:	4 x 16-bit (Gamma correction)
Auto White:	Algorithms enable auto control of white LED by 3-channel RGB values
Addressing:	RDM (Group of Remote Addressable Systems)
Monitoring:	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring
PWM Frequency:	1,600Hz flicker free dimming to 0.1%
DMX Compliance:	USITT DMX512-1990
RDM Compliance:	4ANSI/ESTA E1.20-2010

Electrical

Operating Voltage:	48V DC
Power Consumption:	300mm 5,5W / 600mm 11W / 900mm 16,5W / 1200mm 22W / 1500mm 27W 19 W/m Maximum at full output, steady state
Maximum in Chain:	Max 11 meters or 32 pieces (varies by selected dmx personality)
Connections:	Push Lock Type 2+4 Pin Waterproof Connector

Physical

Housing:	Extruded Aluminium
Front Material:	Extruded Polycarbonate UV and impact resistant opal diffuser
End Cap Material:	Aluminium
Installation Brackets:	Die-Cast Aluminium
Hardware:	Stainless Steel
Gasket:	Silicon
Surface Finish:	RAL 9005 Electrostatically polyester powder coat (standard) or custom any RAL (optional)

Measurements:

Weight:	300mm	0,400kg (0,81lb)	0,420kg (0,92lb)	0,440kg (0,94lb)	0,460kg (1,01lb)
	600mm	0,830kg (1,82lb)	0,850kg (1,87lb)	0,880kg (1,94lb)	0,900kg (2,18lb)
	900mm	1,26kg (2,77lb)	1,28kg (2,82lb)	1,30kg (2,86lb)	1,36kg (2,99lb)
	1200mm	1,60kg (3,52lb)	1,62kg (3,35lb)	1,64kg (3,41lb)	1,66kg (3,43lb)
	1500mm	2,00kg (4,40lb)	2,20kg (4,85lb)	2,40kg (5,20lb)	2,60kg (5,73lb)
Dimensions: (H x W x D)	300mm	40,5x303x45,5 mm (1,6x11,8x1,8 in)	40,5x303x65,5 mm (1,6x11,8x2,55 in)	40,5x303x94,15 mm (1,6x11,8x3,72 in)	40,5x303x65,5 mm (1,6x11,8x2,55 in)
	600mm	40,5x603x45,5 mm (1,6x23,6x1,8 in)	40,5x603x65,5 mm (1,6x23,6x2,55 in)	40,5x603x94,15 mm (1,6x23,6x3,72 in)	40,5x603x65,5 mm (1,6x23,6x2,55 in)
	900mm	40,5x903x45,5 mm (1,6x35,4x1,8 in)	40,5x903x65,5 mm (1,6x35,4x2,55 in)	40,5x903x94,15 mm (1,6x35,4x3,72 in)	40,5x903x65,5 mm (1,6x35,4x2,55 in)
	1200mm	40,5x1203x45,5 mm (1,6x47,2x1,8 in)	40,5x1203x65,5 mm (1,6x47,2x2,55 in)	40,5x1203x94,15 mm (1,6x47,2x3,72 in)	40,5x1203x65,5 mm (1,6x47,2x2,55 in)
	1500mm	40,5x1503x45,5 mm (1,6x59x1,8 in)	40,5x1503x65,5 mm (1,6x59x2,55 in)	40,5x1503x94,15 mm (1,6x59x3,72 in)	40,5x1503x65,5 mm (1,6x59x2,55 in)

Environmental

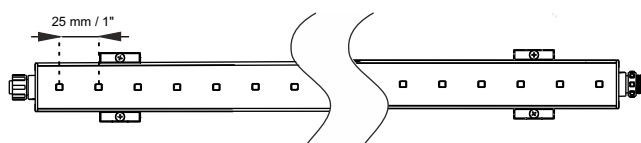
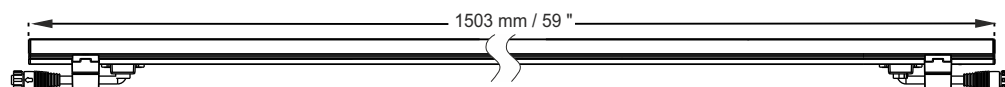
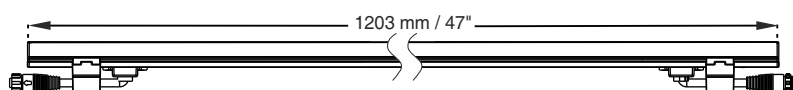
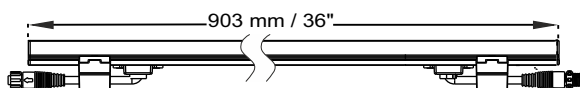
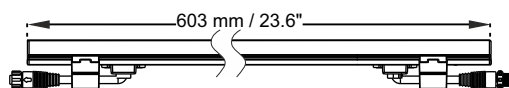
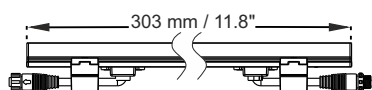
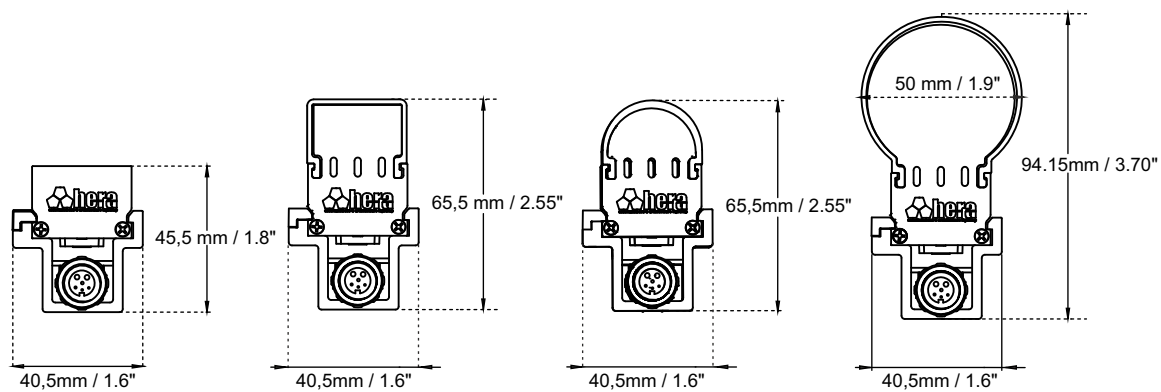
Storage Temperature:	-40°C - 85°C - (-40°F - 185°F)
Start-up Temperature:	-25°C - 50°C - (-13°F - 122°F)
Operating Temperature:	-40°C - 50°C - (-40°F - 122°F)
Thermal Protection:	Automatic over temperature protection
Cooling:	Cooling by free air convection
Vibration Resistance:	Complies with ANSI C136.31-2010
Corrosion Resistance:	Complies with ASTM B117 standard
Ingress Protection Rating:	IP67
Impact Resistance Rating:	IK10
Humidity (max.):	0 to 98%, non-condensing

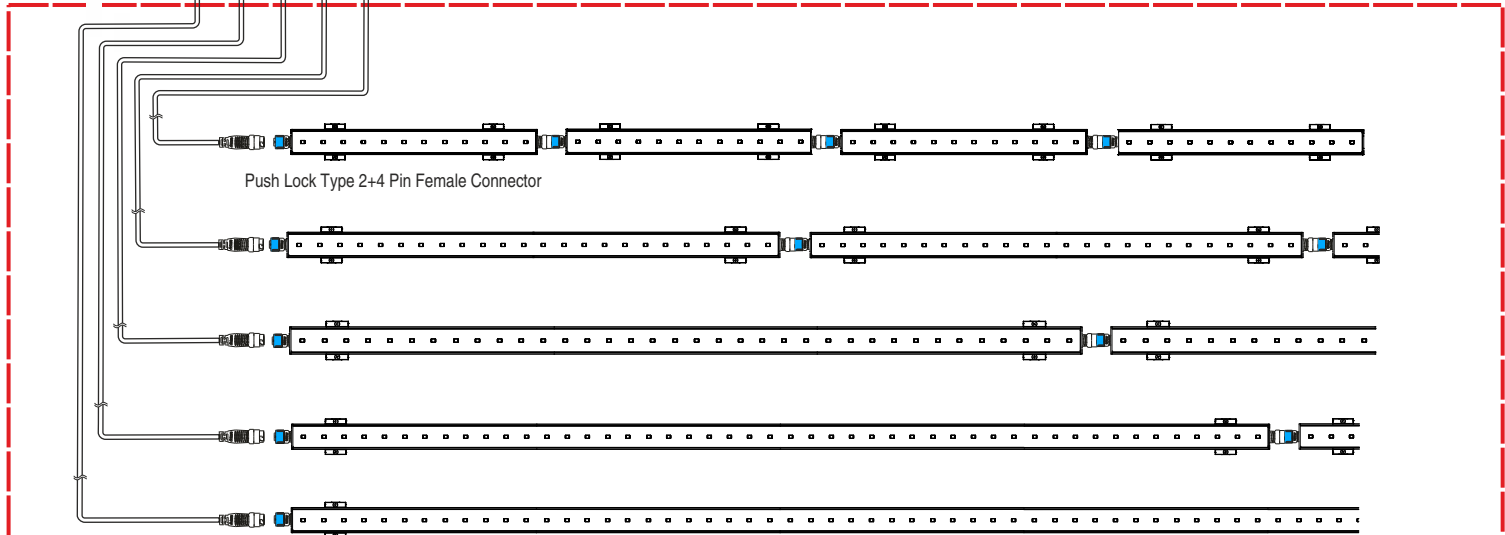
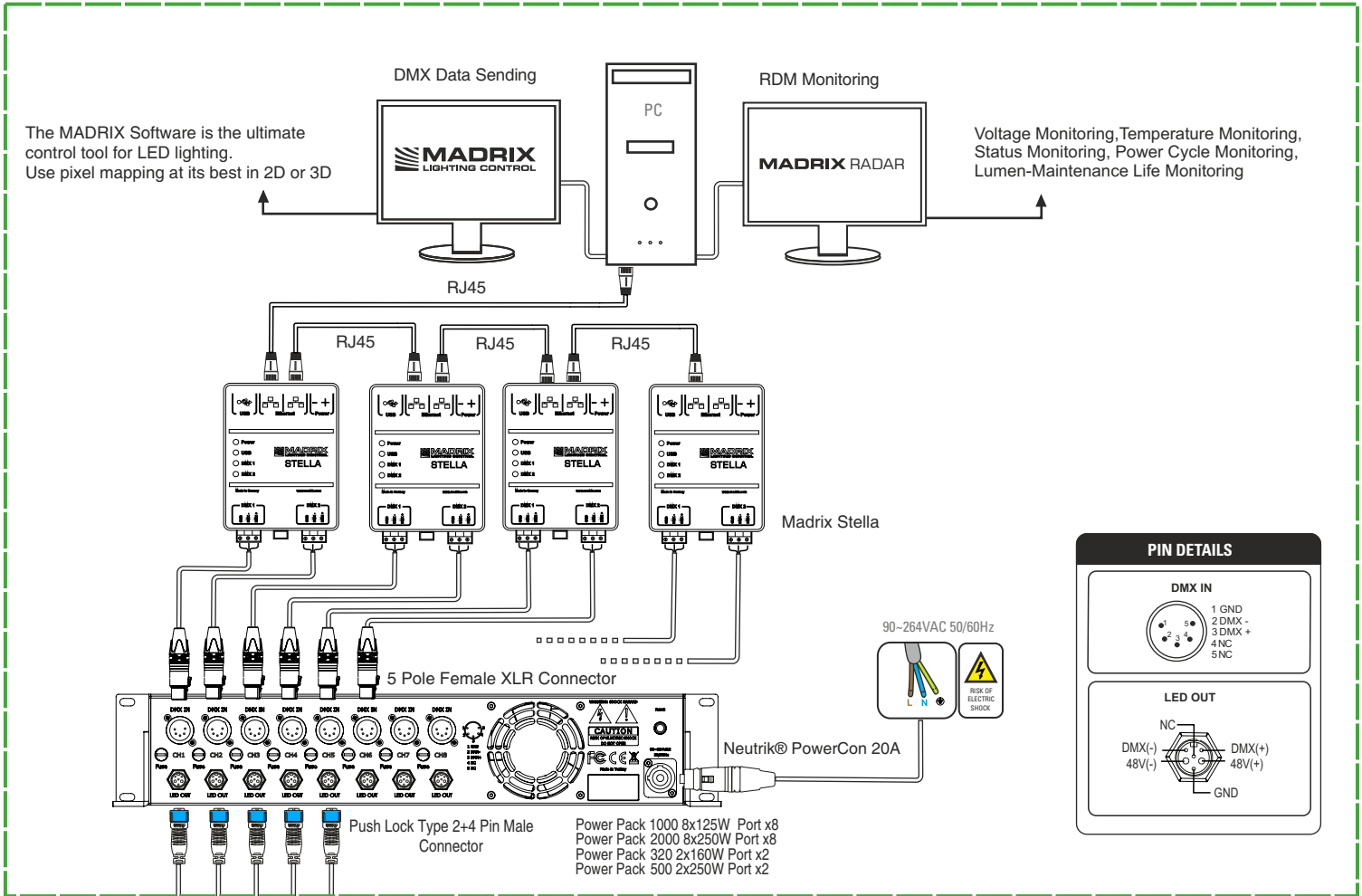
Test:

All Hera LED products are assessed by a stringent 100 hour test, above and beyond what they would come across in the real world. This can be seen from our advanced RDM Monitoring System as well, leaving no place for doubt. This strict testing, builds trust, when your reputation is on the line. It is our company's culture and heritage, also our way of securing our worthwhile Customers.

Certification

EU Safety:	EN 60598-1, EN 60598-2-3, EN 62471, EN 60950-1, EN 60950-22, EN 60529, EN 62262
EU EMC:	EN 55024, EN 55032, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6, EN 61000-4-8
US Safety:	UL 1598, UL 60950-1, UL 60950-22
US EMC:	FCC Part 15 Class A
Warranty:	5-year Limited Warranty





Suggestions to Reach for DMX Control

- The total cable length should not be more than 3,900 ft (1200m) without buffering.
- The total fixture number should not be more than 32 pcs on a single line without buffering.
- It is recommended to use only connection cables with a characteristic impedance of 120 ohm, where the DMX + and DMX - data lines are intertwined and there is a ground link as a coaxial screen surrounding the inner cores.
- 120 Ω terminating resistor should be connected between the DMX + and DMX - output connections on the last fixture.
- Do not insert a passive Y-split into the control cabling.
- Use a powered DMX splitter/buffer if it is necessary to separate the control link in order to feed fixtures in different locations.
- Make sure that the DMX + and DMX - connections do not get crossed at any point.

Notes:

- 1) Maximum total length of chain (fixtures and leader cable) is 61m.
- 2) Maximum total length of fixtures in chain is 11m. (Max 11m. or 32 pieces, varies by selected DMX personality)
- 3) Maximum total length of leader cable is 50m.

RDM Explanation

Sword® RGBW Series complies with the RDM Monitoring Command System. In order to use RDM Monitoring System, a compatible controller is required depending on the installation. Through DMX data connection, it is possible to control or change the fixture's settings, send commands and receive or monitor the fixture's data. The recommended RDM controller and the wiring diagram can be found on page 5. RDM command functions supported by Sword® RGBW Series are given in the list below.

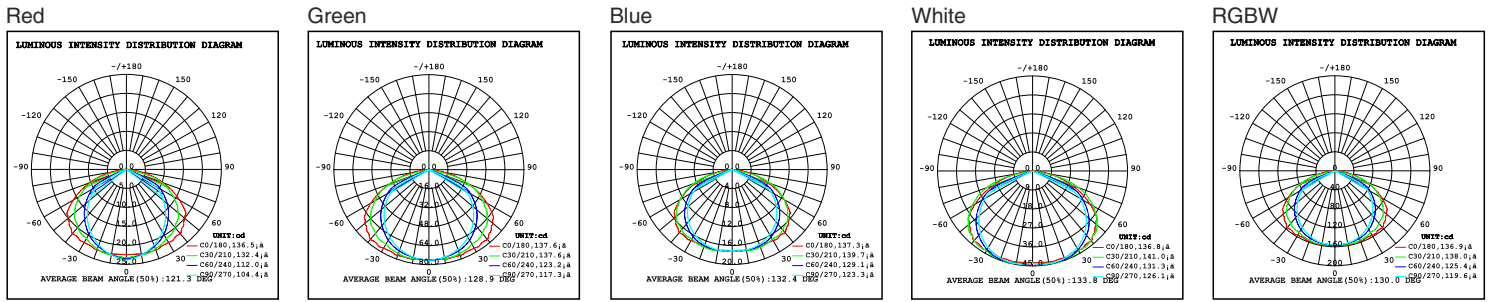
Device Management	Get	Set
Device Info	✓	
DMX Start Address	✓	✓
Identify Device	✓	✓
Device Model Description	✓	
Device Label	✓	✓
Software Version Label	✓	
DMX Personality	✓	✓
DMX Personality Description	✓	
Device Hours	✓	
Lamp Hours	✓	
Device Power Cycles	✓	
Status Message	✓	
Queued Message	✓	
Status ID Description	✓	
Supported Parameters	✓	
Parameter Description	✓	
Factory Defaults		✓
Sensor Definition	✓	
Sensor Value	✓	
Record Sensor		✓
Reset Device		✓
Power State	✓	✓
Perform Self Test		✓
Self Test Description	✓	
Language	✓	

* The command names and command functions used on different RDM controllers may vary.

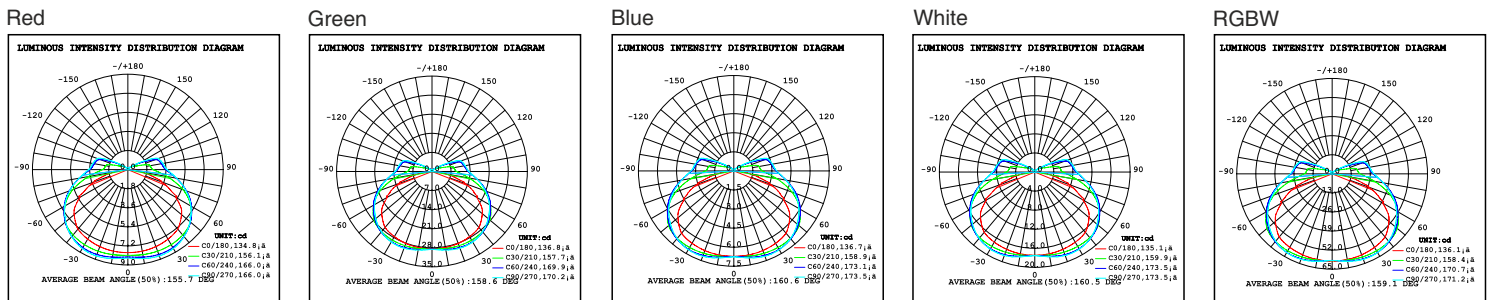
* Incompatible RDM controllers may cause drawbacks such as partial operation, no-operation, or incorrect fixture information.

* You can check the recommended RDM controllers on the www.heraled.com website.

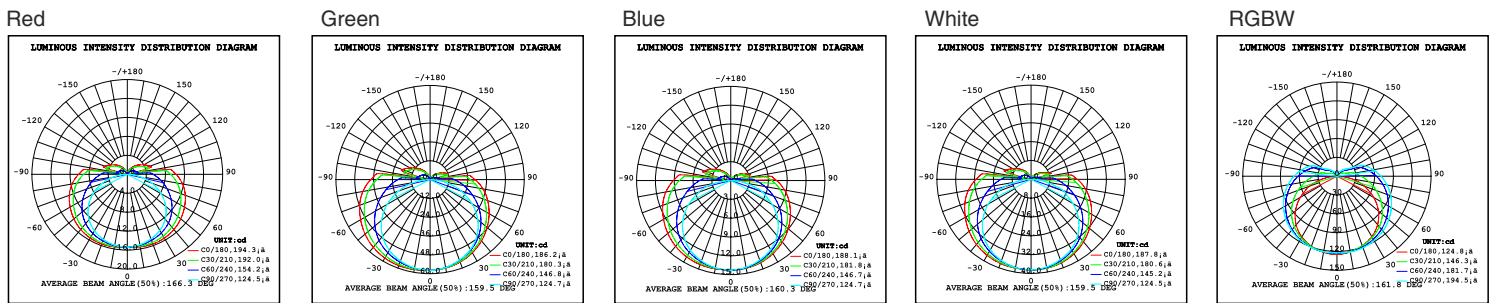
Sword® RGBW Series Direct View



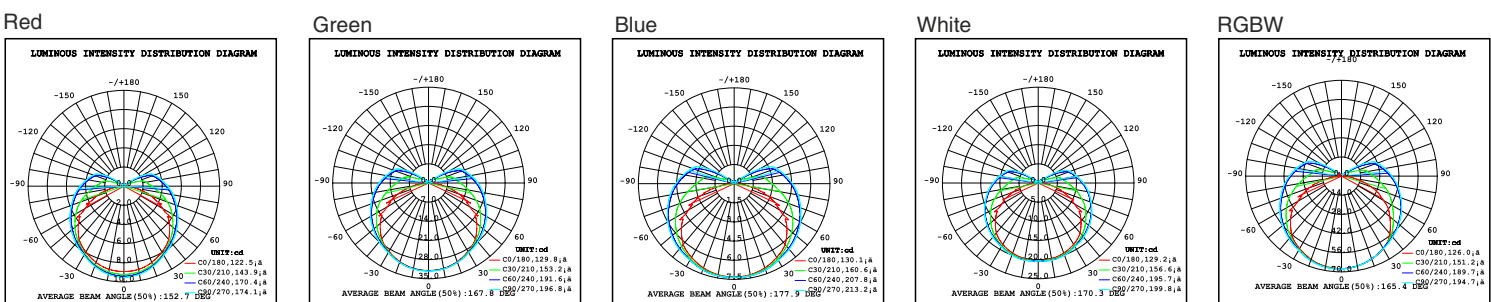
Sword® RGBW Series Flat Diffused



Sword® RGBW Series Radius Diffused



Sword® RGBW Series Round Diffused



*Please visit www.heralded.com for detailed information and laboratory reports.

Sword® 300RGBW (RAW Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGBW Raw Mode 1 LED:1px	(48Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
2	RGBW Raw Mode 2 LEDs:1	(24Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
3	RGBW Raw Mode 3 LEDs:1px	(16Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
4	RGBW Raw Mode 4 LEDs:1px	(12Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
5	RGBW Raw Mode 6 LEDs:1px	(8Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
6	RGBW Raw Mode 12 LEDs:1px	(4Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	

Sword® 300RGBW (RGB+Auto White)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB+Auto White Mode 1 LED:1px	(36Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB+Auto White Mode 2 LEDs:1px	(18Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB+Auto White Mode 3 LEDs:1px	(12Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB+Auto White Mode 4 LEDs:1px	(9Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB+Auto White Mode 6 LEDs:1px	(6Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB+Auto White Mode 12LEDs:1px	(3Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword® 300RGBW (RGB Raw Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB Raw Mode 1 LED:1px	(36Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB Raw Mode 2 LEDs:1px	(18Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB Raw Mode 3 LEDs:1px	(12Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB Raw Mode 4 LEDs:3px	(9Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB Raw Mode 6 LEDs:2px	(6Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB Raw Mode 12LEDs:1px	(3Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword® 600RGBW (RAW Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGBW Raw Mode 1 LED:1px	(96Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
2	RGBW Raw Mode 2 LEDs:1px	(48Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
3	RGBW Raw Mode 3 LEDs:1px	(32Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
4	RGBW Raw Mode 4 LEDs:1px	(24Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
5	RGBW Raw Mode 6 LEDs:1px	(16Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
6	RGBW Raw Mode 12 LEDs:1px	(8Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	

Sword® 600RGBW (RGB+Auto White)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB+Auto White Mode 1 LED:1px	(72Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB+Auto White Mode 2 LEDs:1px	(36Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB+Auto White Mode 3 LEDs:1px	(24Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB+Auto White Mode 4 LEDs:1px	(18Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB+Auto White Mode 6 LEDs:1px	(12Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB+Auto White Mode 12LEDs:1px	(6Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword® 600RGBW (RGB Raw Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB Raw Mode 1 LED:1px	(72Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB Raw Mode 2 LEDs:1px	(36Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB Raw Mode 3 LEDs:1px	(24Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB Raw Mode 4 LEDs:3px	(18Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB Raw Mode 6 LEDs:2px	(12Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB Raw Mode 12LEDs:1px	(6Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword® 900RGBW (RAW Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGBW Raw Mode 1 LED:1px	(144Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
2	RGBW Raw Mode 2 LEDs:1px	(72Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
3	RGBW Raw Mode 3 LEDs:1px	(48Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
4	RGBW Raw Mode 4 LEDs:1px	(36Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
5	RGBW Raw Mode 6 LEDs:1px	(24Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
6	RGBW Raw Mode 12 LEDs:1px	(12Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	

Sword® 900RGBW (RGB+Auto White)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB+Auto White Mode 1 LED:1px	(108Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB+Auto White Mode 2 LEDs:1px	(54Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB+Auto White Mode 3 LEDs:1px	(36Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB+Auto White Mode 4 LEDs:1px	(27Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB+Auto White Mode 6 LEDs:1px	(18Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB+Auto White Mode 12LEDs:1px	(9Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword® 900RGBW (RGB Raw Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB Raw Mode 1 LED:1px	(108Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB Raw Mode 2 LEDs:1px	(54Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB Raw Mode 3 LEDs:1px	(36Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB Raw Mode 4 LEDs:3px	(27Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB Raw Mode 6 LEDs:2px	(18Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB Raw Mode 12LEDs:1px	(9Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword® 1200RGBW (RAW Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGBW Raw Mode 1 LED:1px	(192Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
2	RGBW Raw Mode 2 LEDs:1px	(96Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
3	RGBW Raw Mode 3 LEDs:1px	(64Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
4	RGBW Raw Mode 4 LEDs:1px	(48Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
5	RGBW Raw Mode 6 LEDs:1px	(32Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
6	RGBW Raw Mode 12 LEDs:1px	(16Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	

Sword® 1200RGBW (RGB+Auto White)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB+Auto White Mode 1 LED:1px	(144Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB+Auto White Mode 2 LEDs:1px	(72Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB+Auto White Mode 3 LEDs:1px	(48Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB+Auto White Mode 4 LEDs:1px	(36Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB+Auto White Mode 6 LEDs:1px	(24Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB+Auto White Mode 12LEDs:1px	(12Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword® 1200RGBW (RGB Raw Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB Raw Mode 1 LED:1px	(144Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB Raw Mode 2 LEDs:1px	(72Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB Raw Mode 3 LEDs:1px	(48Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB Raw Mode 4 LEDs:3px	(36Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB Raw Mode 6 LEDs:2px	(24Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB Raw Mode 12LEDs:1px	(12Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

Sword[®] 1500RGBW (RAW Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGBW Raw Mode 1 LED:1px	(240Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
2	RGBW Raw Mode 2 LEDs:1px	(120Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
3	RGBW Raw Mode 3 LEDs:1px	(80Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
4	RGBW Raw Mode 4 LEDs:1px	(60Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
5	RGBW Raw Mode 6 LEDs:1px	(40Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	
6	RGBW Raw Mode 12 LEDs:1px	(20Ch.)	1	0-255	Red: 0-100%	Each colour (RGBW) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
			4	0-255	White: 0-100%	

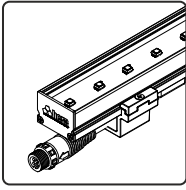
Sword[®] 1500RGBW (RGB+Auto White)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB+Auto White Mode 1 LED:1px	(180Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB+Auto White Mode 2 LEDs:1px	(90Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB+Auto White Mode 3 LEDs:1px	(60Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB+Auto White Mode 4 LEDs:1px	(45Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB+Auto White Mode 6 LEDs:1px	(30Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB+Auto White Mode 12LEDs:1px	(15Ch.)	1	0-255	Red: 0-100%	Algorithms enable auto control of white LED by 3-channel RGB values
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

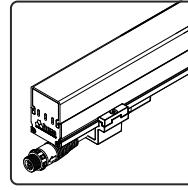
Sword[®] 1500RGBW (RAW Mode)

No	Fixture Personality	Channel	Value	Function	Description	
1	RGB Raw Mode 1 LED:1px	(180Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
2	RGB Raw Mode 2 LEDs:1px	(90Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
3	RGB Raw Mode 3 LEDs:1px	(60Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
4	RGB Raw Mode 4 LEDs:3px	(45Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
5	RGB Raw Mode 6 LEDs:2px	(30Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	
6	RGB Raw Mode 12LEDs:1px	(15Ch.)	1	0-255	Red: 0-100%	Each colour (RGB) can be controlled individually
			2	0-255	Green: 0-100%	
			3	0-255	Blue: 0-100%	

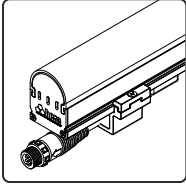
Products



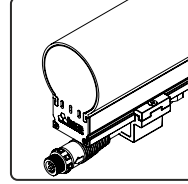
P01058105 Sword® RGBW 300mm Direct View
 P01059105 Sword® RGBW 600mm Direct View
 P01060105 Sword® RGBW 900mm Direct View
 P01061105 Sword® RGBW 1200mm Direct View
 P01062105 Sword® RGBW 1500mm Direct View



P01094105 Sword® RGBW 300mm Flat Diffused
 P01095105 Sword® RGBW 600mm Flat Diffused
 P01096105 Sword® RGBW 900mm Flat Diffused
 P01097105 Sword® RGBW 1200mm Flat Diffused
 P01098105 Sword® RGBW 1500mm Flat Diffused

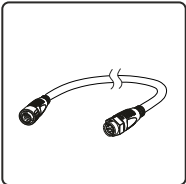


P01066105 Sword® RGBW 300mm Radius Diffused
 P01067105 Sword® RGBW 600mm Radius Diffused
 P01068105 Sword® RGBW 900mm Radius Diffused
 P01069105 Sword® RGBW 1200mm Radius Diffused
 P01070105 Sword® RGBW 1500mm Radius Diffused



P01078105 Sword® RGBW 300mm Round Diffused
 P01079105 Sword® RGBW 600mm Round Diffused
 P01080105 Sword® RGBW 900mm Round Diffused
 P01081105 Sword® RGBW 1200mm Round Diffused
 P01082105 Sword® RGBW 1500mm Round Diffused

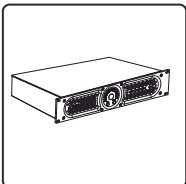
Cable



P20202-1 Push Lock Type 2+4 Pin 1M Extension Cable
 P20202-2.5 Push Lock Type 2+4 Pin 2.5M Extension Cable
 P20202-5 Push Lock Type 2+4 Pin 5M Extension Cable
 P20202-7.5 Push Lock Type 2+4 Pin 7.5M Extension Cable
 P20202-10 Push Lock Type 2+4 Pin 10M Extension Cable
 P20202-15 Push Lock Type 2+4 Pin 15M Extension Cable
 P20202-20 Push Lock Type 2+4 Pin 20M Extension Cable
 P20202-0.5 Push Lock Type 2+4 Pin 0.5M Extension Cable
 P20202-0.75 Push Lock Type 2+4 Pin 0.75M Extension Cable
 P20202-1 Push Lock Type 2+4 Pin 1M Extension Cable
 P20202-1.5 Push Lock Type 2+4 Pin 1.5M Extension Cable

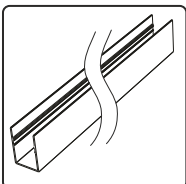
P20202-2 Push Lock Type 2+4 Pin 2M Extension Cable
 P20202-2.5 Push Lock Type 2+4 Pin 2.5M Extension Cable
 P20202-3 Push Lock Type 2+4 Pin 3M Extension Cable
 P20202-3.5 Push Lock Type 2+4 Pin 3.5M Extension Cable
 P20202-4 Push Lock Type 2+4 Pin 4M Extension Cable
 P20202-5 Push Lock Type 2+4 Pin 5M Extension Cable
 P20202-7.5 Push Lock Type 2+4 Pin 7.5M Extension Cable
 P20202-10 Push Lock Type 2+4 Pin 10M Extension Cable
 P20202-15 Push Lock Type 2+4 Pin 15M Extension Cable
 P20202-20 Push Lock Type 2+4 Pin 20M Extension Cable

Power / Data Supplies



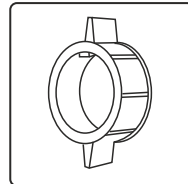
P08002 Power Pack 320 320W 2 Outputs Power Supply
 P08003 Power Pack 500 500W 2 Outputs Power Supply
 P08004 Power Pack 1000 1000W 8 Outputs Power Supply
 P08013 Power Pack 2000 2000W 8 Outputs Power Supply

Accessories



P20050 300mm Locked Profile RAL 9005
 P20051 600mm Locked Profile RAL 9005
 P20052 900mm Locked Profile RAL 9005
 P20053 1200mm Locked Profile RAL 9005
 P20054 1500mm Locked Profile RAL 9005

**Available up to max. 3000mm length*



P20203 Push Lock Type 2+4 Pin Female Plug Cap



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Güllübağlar Mah. Kahramanlar Cad. No 3/1
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