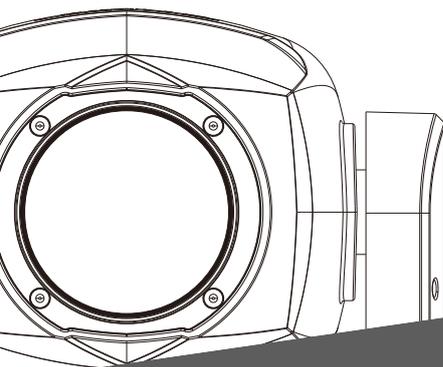
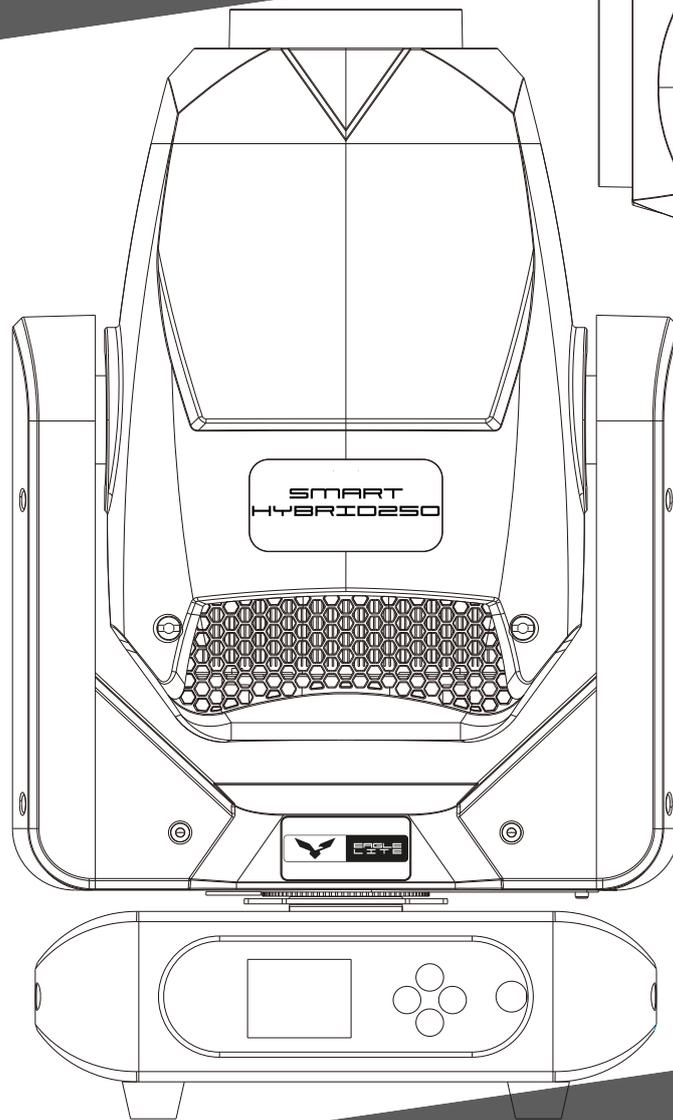
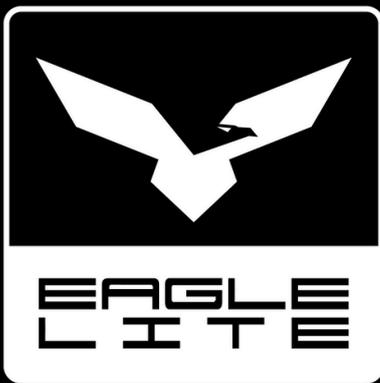


SMART HYBRID250

250W LED BSW
Movinghead



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SMART - HYBRID250
250W LED
LED BSW Movinghead
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General Info about the product

Thank you for purchasing our Eagle Lite SMART - HYBRID250. The manual below will review the product's features and functions.

Product features

Eagle Lite SMART - HYBRID250 is a quality moving head that is ready for touring, big events, festivals etc. HYBRID250 is made to be the perfect all-rounder, but without it being a fixture that weighs too much and is too big. Some of the important features with SMARTHYBRID250 are.

- 250W LED High performance module (6700K).
- Compact and lightweight design
- 16 bit dimmer 0-100%
- Adjustable PWM
- Zoom of 3-38°
- AUTO Focus
- 2 Gobo wheels 1 Static & 1 Rotating wheel
- 1 color wheel
- 8-Facet prism with rotation
- Low noise fans with different modes
- PowerCON TRUE1 in/out
- 3 & 5-Pin DMX IN & OUT
- ArtNET in
- Can be updated over DMX.

What does the package contain?

- 1x SMART HYBRID250
- 1x PowerCON TRUE1 Cable
- 1x 5-Pin DMX cable
- 2x 1/4 Turn Omega brackets



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General information before use



Accountability and attention are requested when using the device.

With high-voltage electricity, there is a danger of shock when touching exposed wires.



Risk of eye damage

Never look directly into the light source. Always wear protection if it is necessary to look directly into the light source.



Always check that you are using the product correctly!

Correct voltage in relation to the specified specifications of the device or manual. Be sure that the device is always grounded. Never open the unit until power is taken off! Check periodically that the cord is not pinched or damaged of any kind. Always check the device and cord time to time. When replacing a fuse, it must be replaced with the same type and rating.



For your own safety and understanding of the device, we strongly recommend that the manual be read through before using the product. Always read warnings and recommendations before use.



Warning: Hot surface This symbol indicates that the device may become hot in certain places on the device. The device may become hot during use. Therefore, it is recommended to let the device cool for at least 10 minutes after use. In this way, injury is avoided and best cared for on the device.



Should only be operated by qualified persons.

We strongly recommend that all persons who will be using the device do the following, read the manual before using the device, are qualified to use the device, and can rig equipment properly.



T =45°C

For indoor use only: The fixture must only be used indoors and in dry environments. It must also not be exposed to water or other liquids, as this is only IP20 rated.



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Safety instructions

Uses

- This device is an LED projector for creating decorative lighting effects. The device is designed for professional use in event technology, such as on stage. It is not suitable for household lighting.
- Use the device only in accordance with the instructions herein. Damage resulting from failure to comply with this manual will void the warranty! We accept no liability for any resulting damages.
- We accept no liability for material and personal damage caused by improper use or non-compliance with safety instructions. In such cases, the warranty/warranty will be void.
- Unauthorized modifications or modifications to the device are not permitted for safety reasons and void the warranty.

Danger from electricity

- The unit is suitable for indoor & outdoor use. Can be used outdoors as the device is IP65 rated.
- To reduce the risk of electric shock, do not open any electrical parts.
- The unit must only be opened in extreme emergencies in connection with the removal of external objects or repairs, always consult with a workshop in this area.
- Just connect the device to a properly installed outlet. The outlet must be protected by a circuit breaker (RCD). If the wire is equipped with a grounding switch, then it must be connected to an outlet with a protective ground. Never remove the protective grounding of the wire. Removing the ground wire may result in damage to the device and possibly injure the user.
- Never touch the device with wet or damp hands. There is a risk of potentially fatal electric shock.
- Unplug the device during a thunderstorm, when it will not be used for an extended period or before cleaning.

Instructions for using the device.

- The specified working temperature of the device is 5 to +45°C. Do not operate the device outside this temperature range.
- The device can grow up to 65°C during use. Avoid contact with people and materials.
- The device should have at least 50 cm to the nearest surface.
- Do not use the device near flammable materials. Always place the device in a place where adequate air circulation is ensured. Leave 50 cm of free space around the device. Never cover the vents of the unit.
- Use the device only in a moderate climate, never use the device outside the specified working temperature.
- Do not look directly at the light source. People with photosensitive epilepsy may suffer from epilepsy attacks or incur other injuries.
- Make sure that the product is set up or installed safely and expertly and prevented from falling. Comply with the standards and regulations applicable in your country, especially EN 60598-2-17.
- Eagle Lite cannot be held liable for damage caused by incorrect installations or inadequate security.
- When using the unit overhead, the unit must always be secured with a safety weigher or safety net.
- Make sure the area below the installation site is blocked when rigging, derigging, or servicing the device.



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Cleaning and maintenance

The outside of the device should be cleaned periodically to remove contaminants such as dust, etc. Especially the lens must be clean to ensure maximum light output. In addition, it is also recommended to check for other foreign objects in the device.

1. Disconnect the power and allow the device to cool down before cleaning.
2. Clean the surface with a soft, lint-free and damp cloth. Never use alcohol or solvents, as these can damage the surface. Make sure that no liquid can get into the device.
3. The device must be dry before the power is reconnected.

There are no repairable parts inside. Do not open the housing. Do not attempt to repair the device, as this may result in damage. Maintenance and service operations may only be carried out by authorized repairers. If you need spare parts, please use original parts. Should you have any further questions, please contact your dealer.

If the device contains foreign objects, it is strongly recommended to open the device.

If there is any doubt about the procedure, you should always contact your dealer or Eagle Lite.



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Specific information's about the product

Unpack and check carefully for any transport damage before using the device. Keep the packaging or use custom flight cases for it.

To fully secure the product against vibration, dust and moisture during transportation or storage, it is recommended to use the original packaging or your own packaging material suitable for transportation and storage, respectively.



Warning of the risk of overheating.

The distance between the Device and the illuminated surface must be more than 1.5 m (19.7 inches).

Adequate ventilation is very important.

The temperature around the device should never exceed 45 °C (113 °F).



When using stands, structures etc.

When mounting the device on a tripod, ensure that the stand is in a secure and stable position and that the weight of the device does not exceed the maximum allowable load capacity of the stand.



Possible source of error for data errors

To ensure flawless operation, use dedicated DMX cables and not regular XLR/microphone cables.

Never connect the DMX input or output to audio equipment such as mixers or amplifiers. As this can cause great damage!



Possible damage to the device associated with moisture.

Moisture that can enter open (plugs and couplings) by DMX or power cables can cause short circuits. Therefore, it is very important that the lid is closed if the plug is not being used, and only use IP65 rated connectors Cables etc. Available as an accessory at (www.eaglelite.dk)

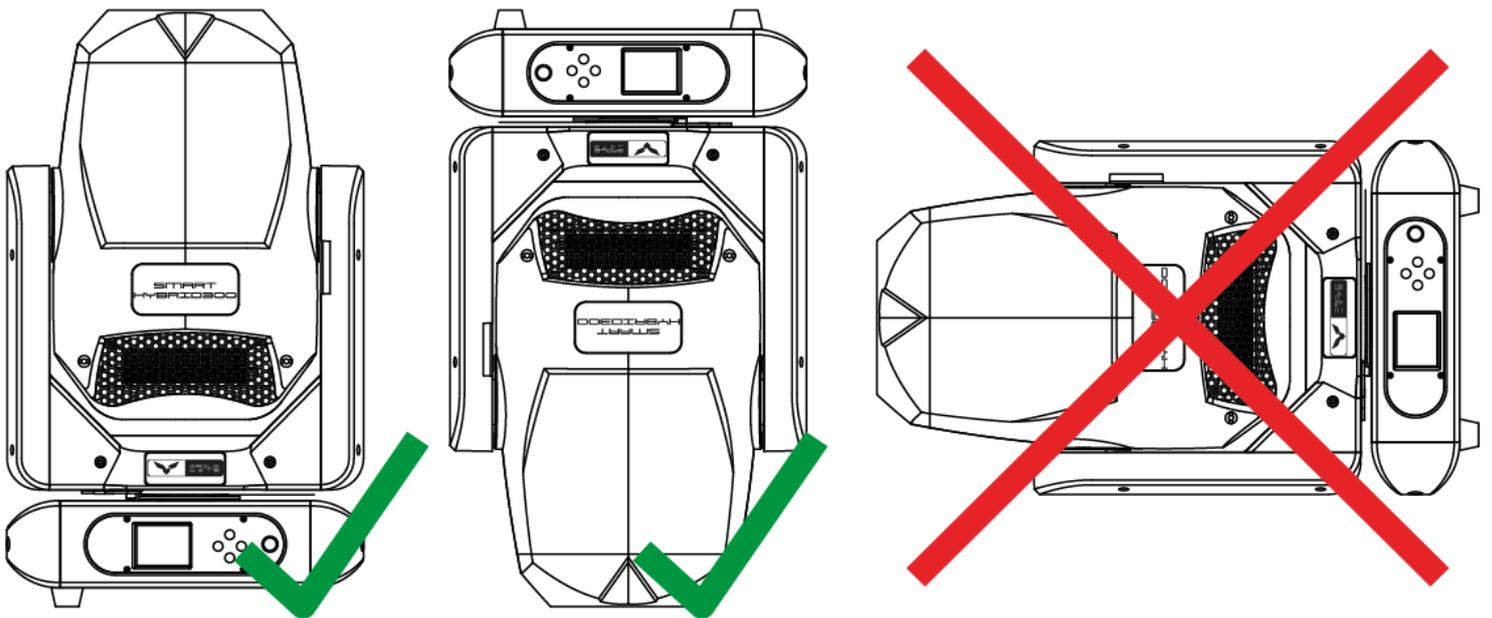


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Rigging

Ensure the device is placed on a flat and stable surface. Do not attempt to position it on the ground with the Omega brackets installed.

- Use the included Omega brackets (2) to secure the device to your rigging system.
- The hole in the Omega bracket is M10 in size.
- When mounting the device overhead, always use a safety wire. Attach the safety wire to the designated loop on the device.

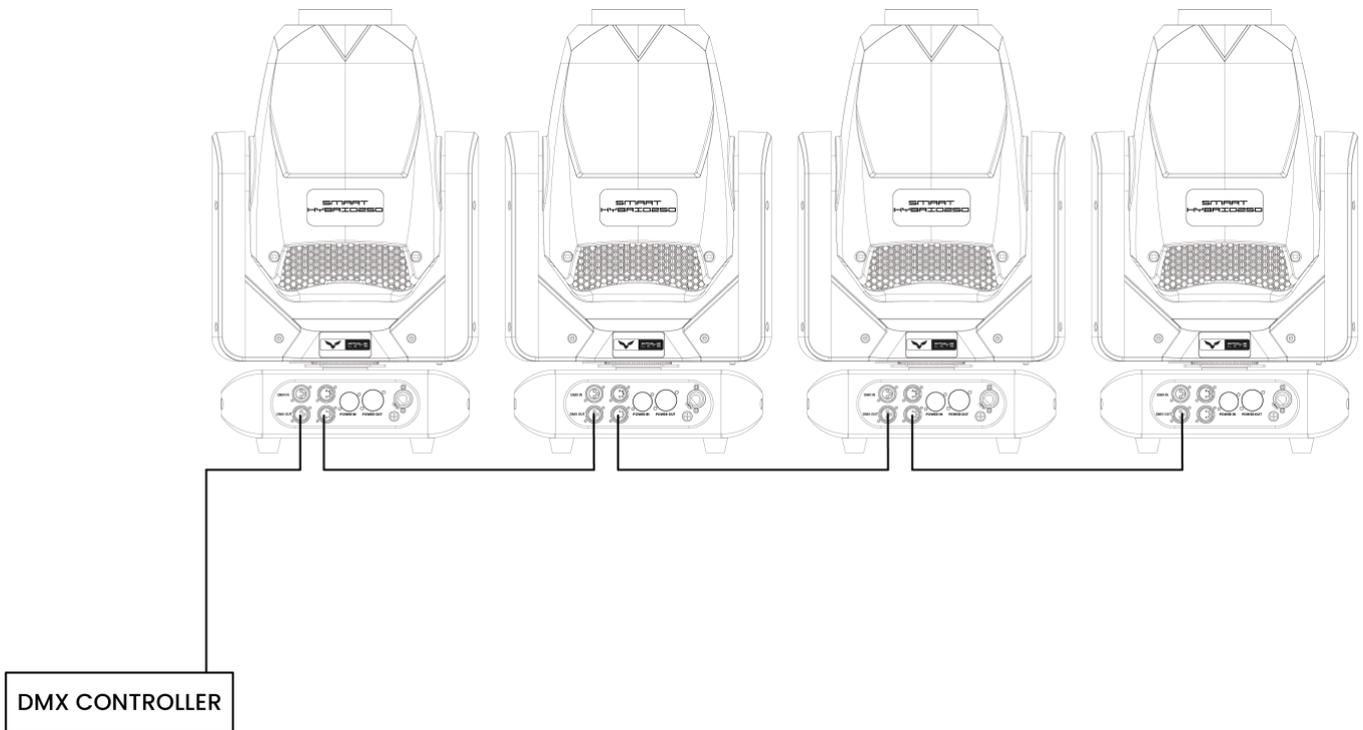


Eagle Lite does not recommend rigging the SMART HYBRID250 with the yoke horizontally. As the weight from the head can cause unnecessary strain on the Pan/Tilt motors.

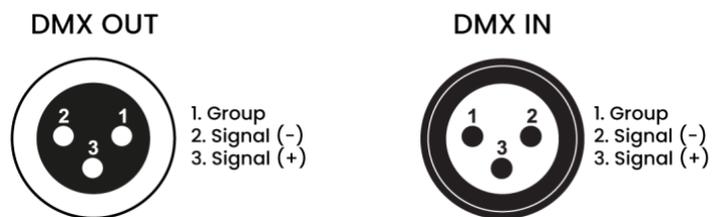


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DMX 512 setup guide



Explanation of DMX/XLR Connections



If you use the DMX controller for this device, you can connect the DMX controller's DMX output directly to the DMX input on the first device in the DMX chain. If you want to connect DMX control with other XLR outputs, simply pull cables from the output on the device and thereby link further.

Series connection with DMX cables

Connect the DMX output of the first device in the DMX chain with the DMX input of the next device. Always connect an output with the input of the next device until all devices are connected.

DMX-512 setup with DMX Terminator:

For installations where the DMX cable needs to be pulled over a long distance or is in an area with a lot of electrical noise, such as a disco, larger productions, or other, it is recommended to use a DMX terminator. This helps prevent interference with the digital signal by electrical noise.



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The DMX terminator is simply an XLR connector with a 120 ohm resistor connected between pins 2 and 3, which is then inserted into the XLR output of the last device in the chain.



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Power setup

Proper current and voltage are very important for the proper functioning of the device. SMART - HYBRID250 run on 100 to 240 volt AC (+/- 10%, auto adjustment). The device includes an automatic power supply for adjusting voltage.

Correct connection

Use the included power cable or one of the same rating. When using another cable, it is important that the following is observed.

Cable color	Connection explanation	International characters
Brown	Plus	L
Blue	Minus	N
Yellow/Green	Earth	

Link options

HYBRID250 has built-in PowerCON TRUE1 OUT connectivity to daisy-chain subsequent devices. You can connect the power supply to multiple devices based on the voltages below:

Volt:	Number of devices
110-120V	4
208V	6
230-240V	8



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Accessory

Included

- 2X Omega 1/4 Turn Clamps
- 1x Truecon power cable

Accessories that can be purchased

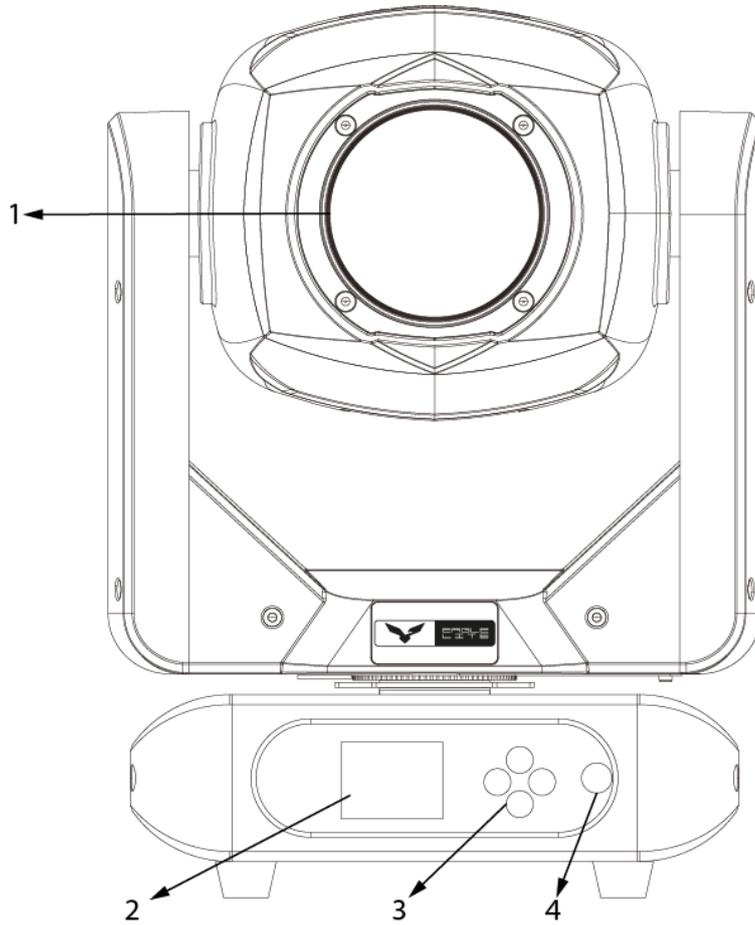
- Truecon combination cables, with DMX and power in one cable, are available in 3, 5 and 10 meters, other dimensions can be made on order.
- 2in1, 4in1, 6in1 Flight case with space for accessories in the middle.



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Description of the device

Front

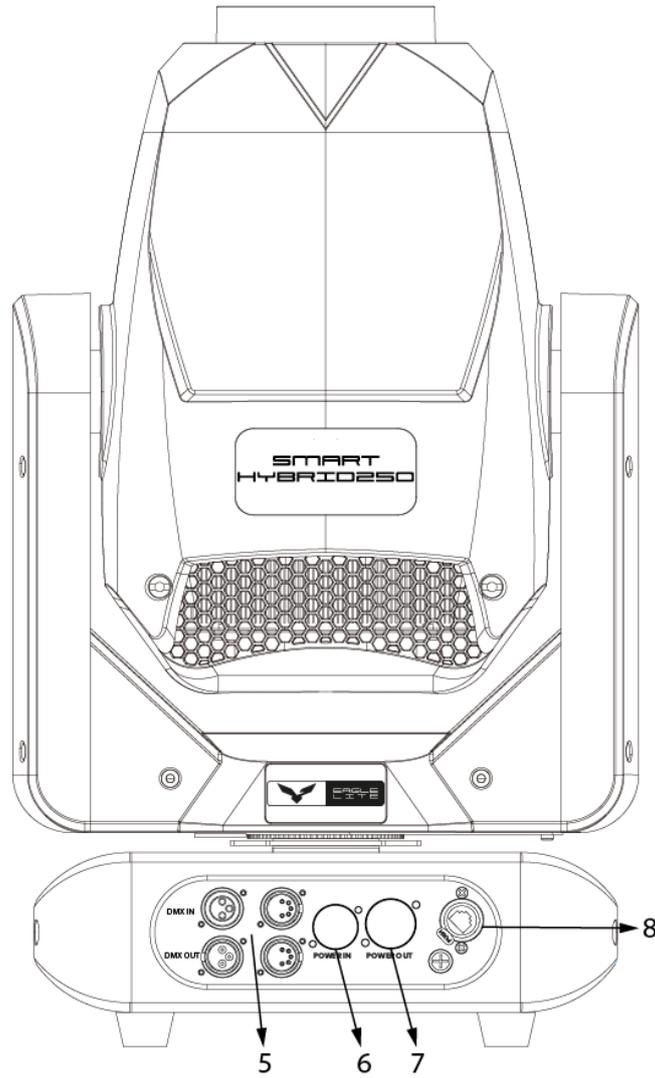


- | | |
|---|------------------------|
| 1 | High Glass optic Lens |
| 2 | LCD Screen |
| 3 | Control Buttons |
| 4 | Battery startup button |



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Back



5 DMX IN & OUT 3 & 5 Pin DMX

6 True1 IN

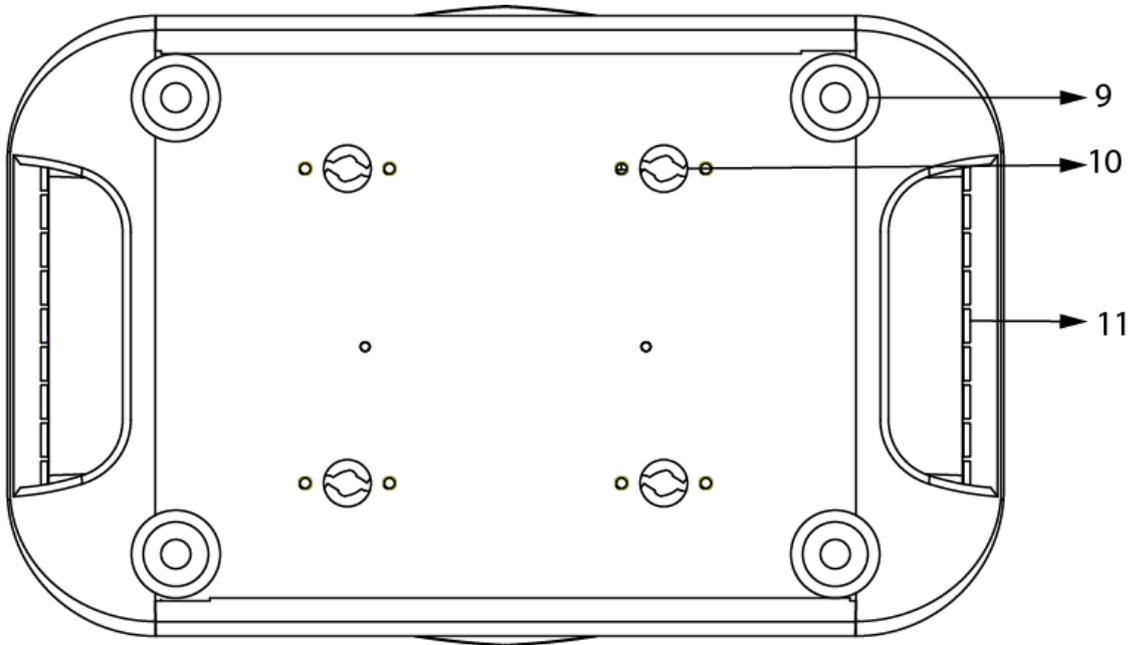
7 True1 Out

8 Artnet/SCAN IN



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Underside



- | | |
|-----------|----------------------|
| 9 | Rubber feet |
| 10 | ¼ turn mounting eyes |
| 11 | Ergonomic handles |

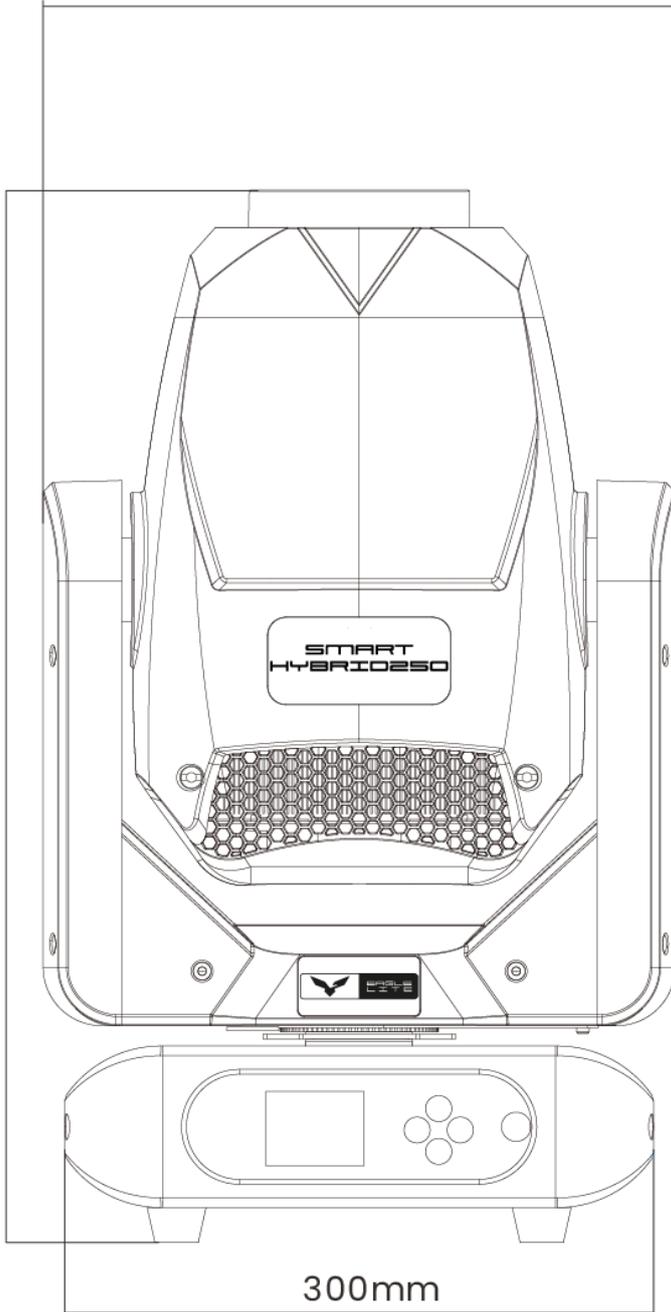


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Physical size

322mm

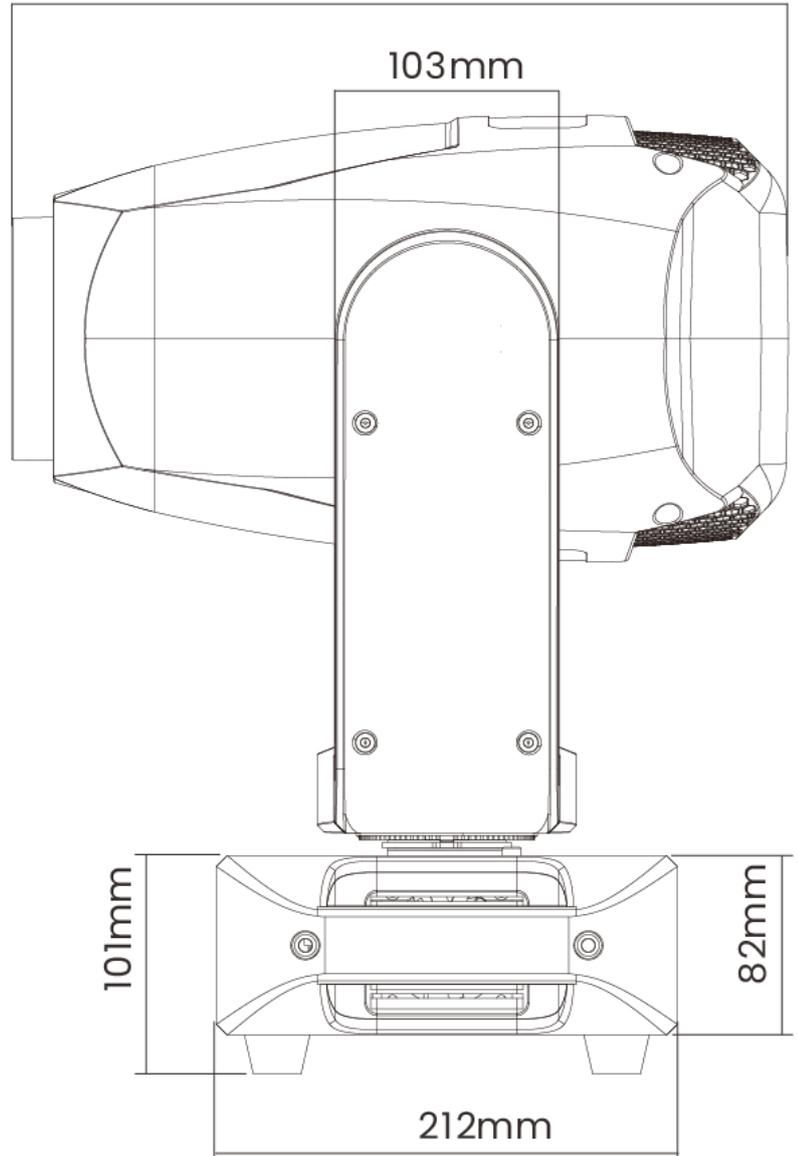
540mm



300mm

357mm

103mm



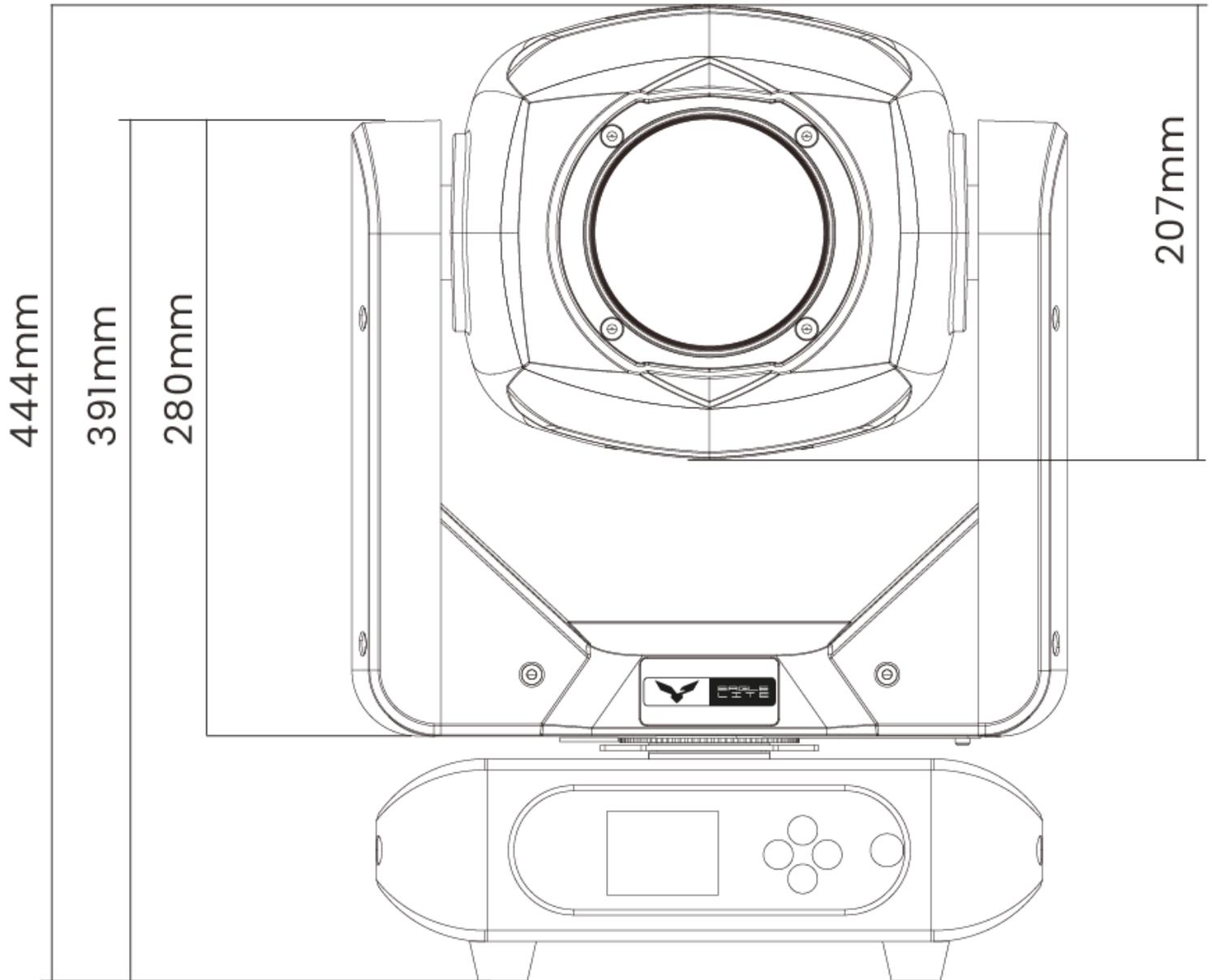
101mm

82mm

212mm



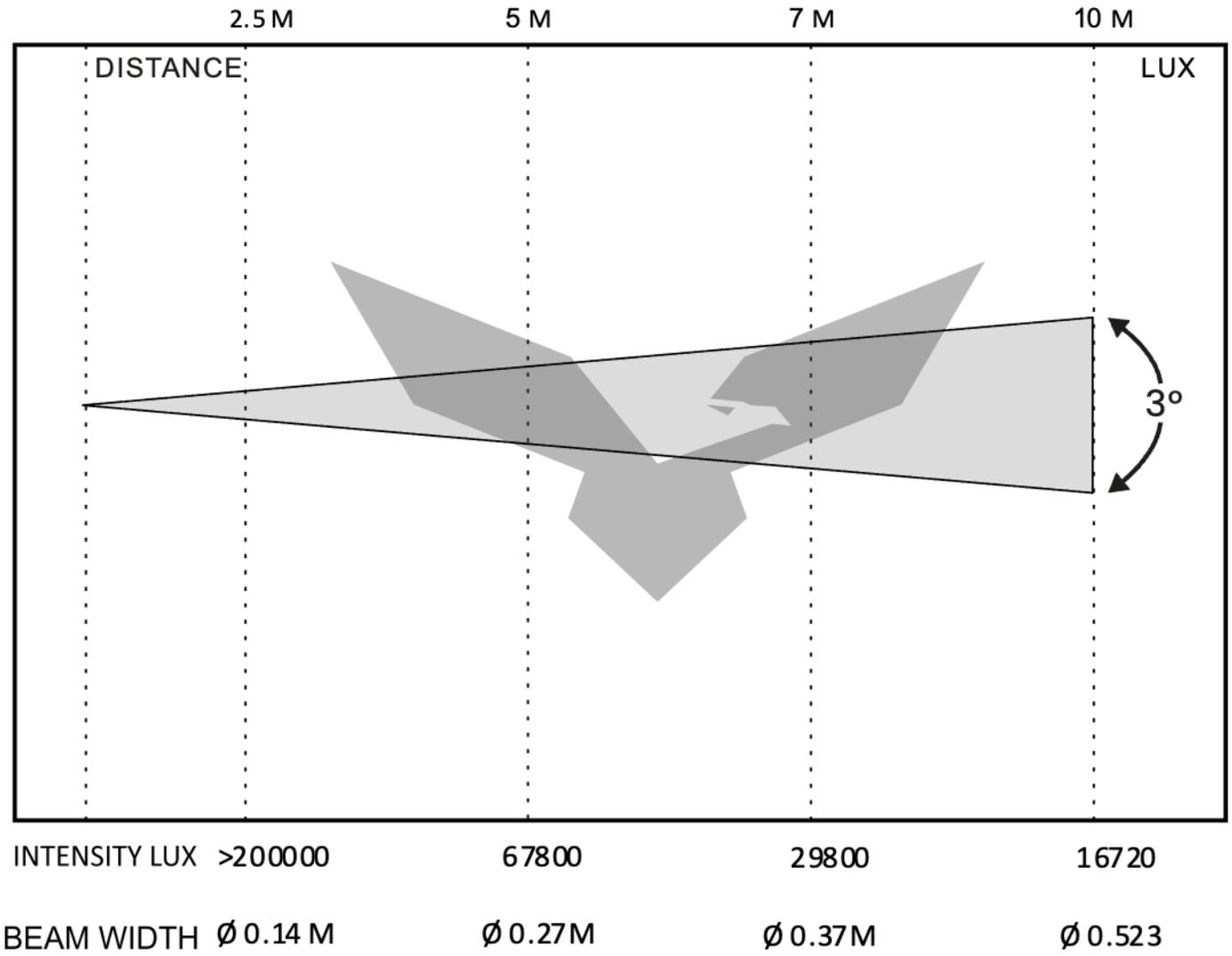
SMART - HYBRID250
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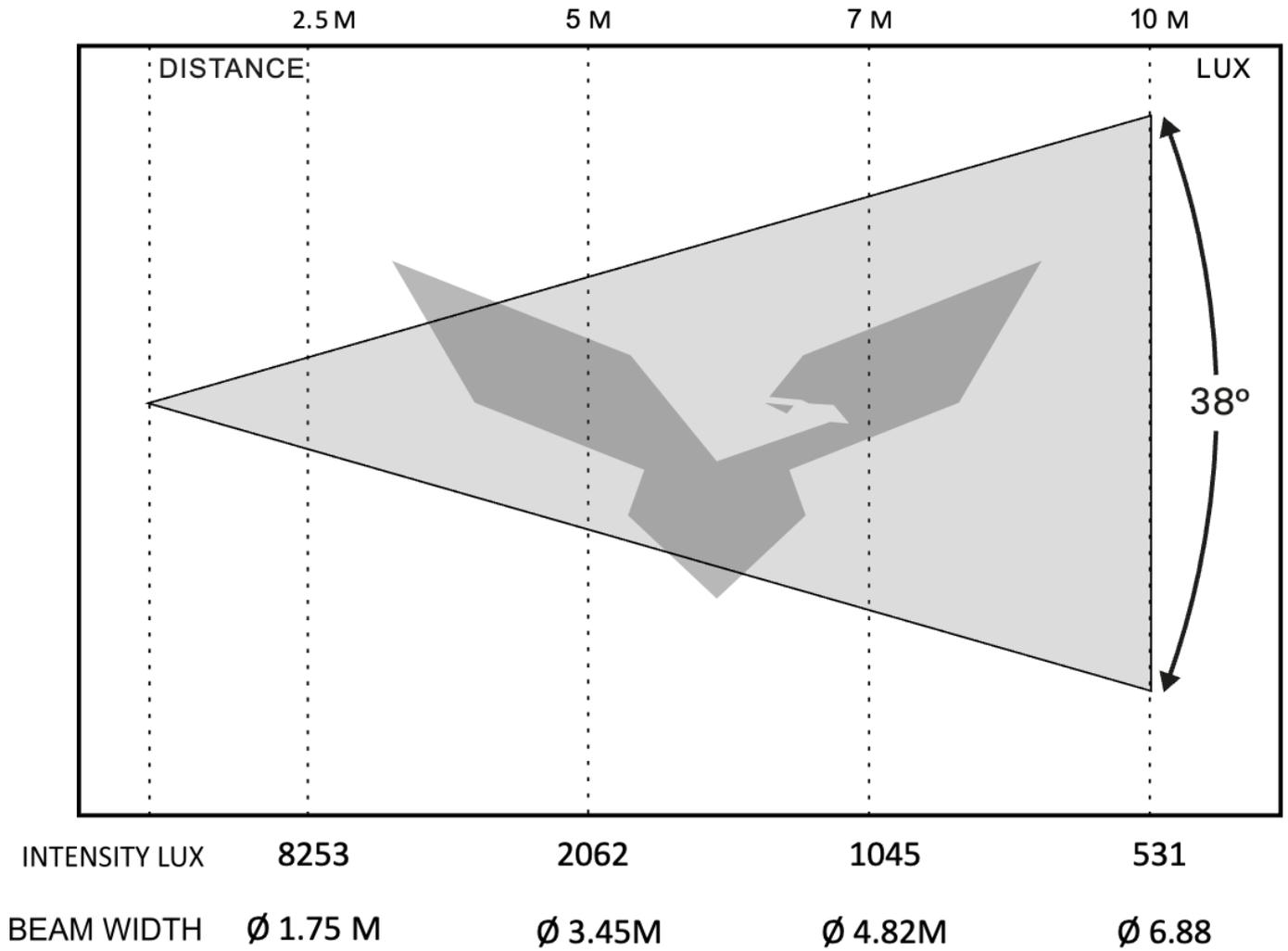
Lux Measurements



SMART HYBRID300 3°



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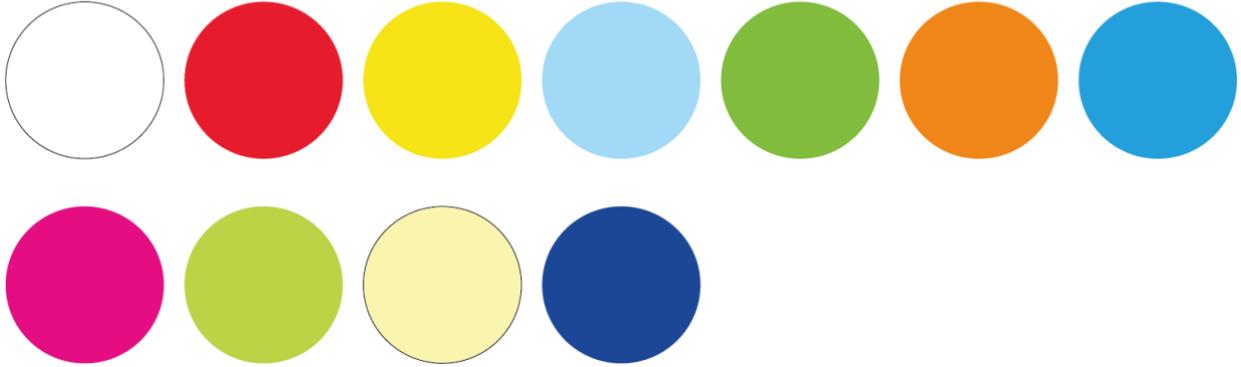
SMART HYBRID300 38°



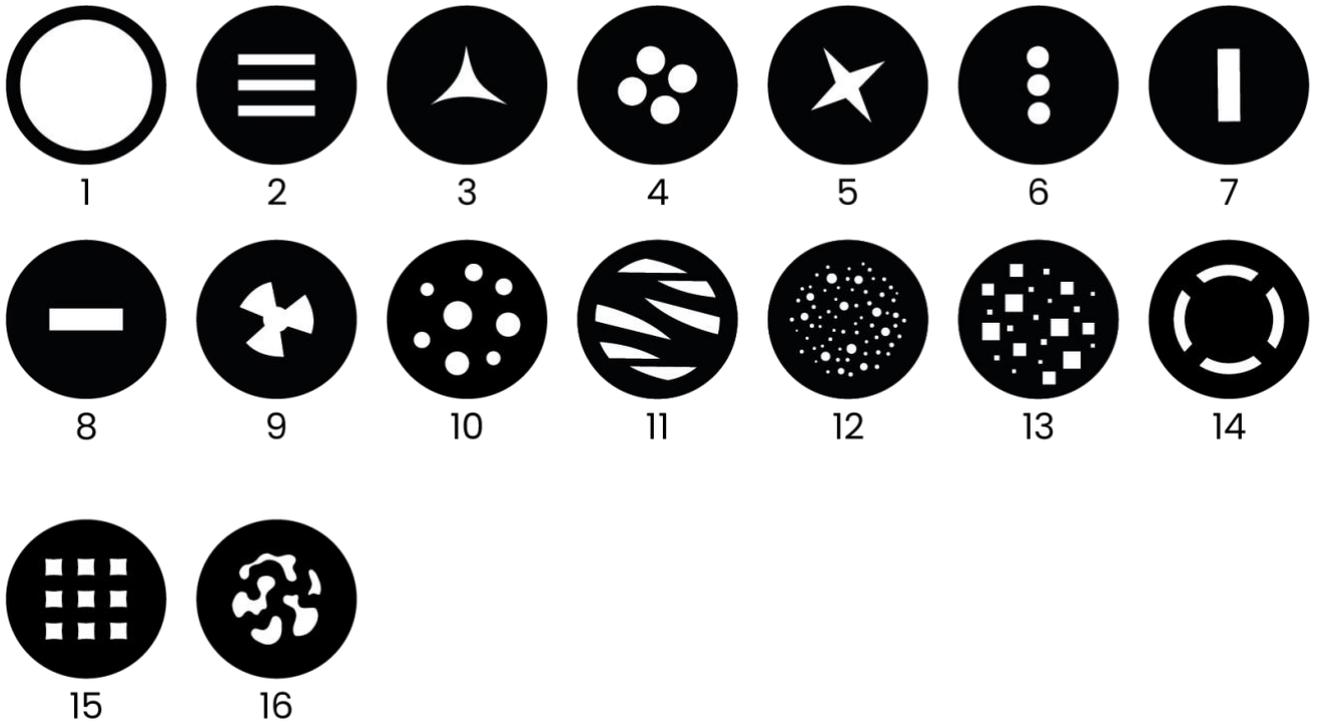
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Color & Gobo wheel overview

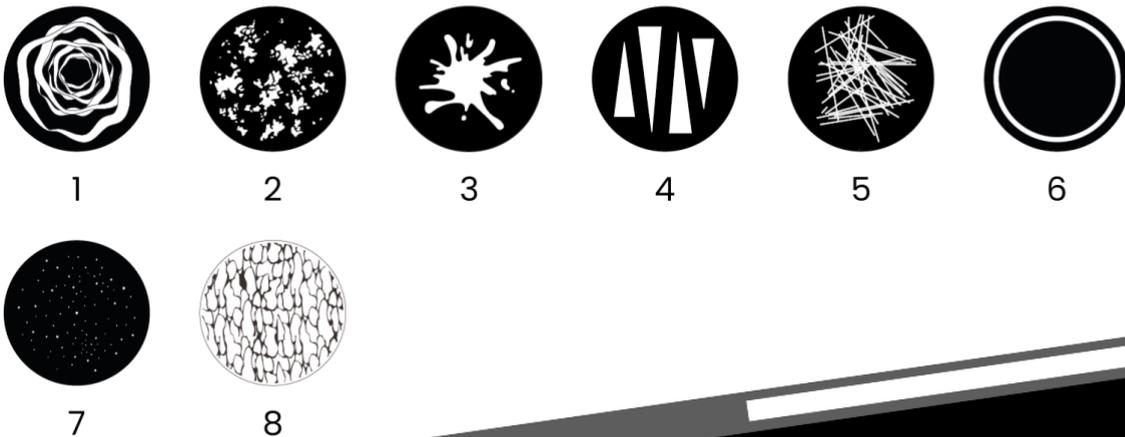
COLOR WHEEL



STATIC GOBO WHEEL



ROTATING GOBO WHEEL





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Menu overview

Main menu	Parameter	Options/Value	Description	
Information	Address	001-512	DMX Address	
	Runtime		Displays number of operating hours and LED source operating hours	
	Version		Displays current software on the device.	
	Temperature		Displays temperature in unit and LED source temperature	
	Fan-Speed		Displays revolutions (RPM) for all fans in the unit	
	Error Message		Displays detected error codes in the device	
Setting	Reset	Reboot	Resets all motor/sensors in the unit	
		Default Data	Resets all settings to factory settings	
	Channel Mode	24/18CH	24 ch Default	
	Signal mode	DMX512	DMX analog control	
		Demo	Demo mode	
		Sound	Sound active mode	
		ArtNet/sCAN	Use the device as an ArtNet splitter. Or via sCAN	
	Offline/Setting	W-DMX	W-DMX control (Optional when ordering)	
		Home	The unit returns to default DMX values and blackout	
	Fan Mode	Hold	Keeps last DMX value received until signal is restored.	
		Normal	Fan speed based on device temperature	
		Quiet	Reduce fan speed to minimize fan noise	
	Performance	Performance	Fan run at its highest to optimize cooling of the unit	
		Wireless Set	(reserved)	
		Adjust*	X-Adjustment	Reverse, offset or reset PAN
	Y-Adjustment		Reverse, offset, or reset TILT	
	Zoom		Reset or offset Zoom	
	Rotate		Reset or offset PAN/TILT	
	Fan		Manual fan override	
	Artnet		Set artnet information IP address, subnet mask, universe	
RDM UID		Device RDM information		
Lamp		Auto On		
		Light Up		
		Lamp Adjust	Max value adjustment	



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		Lamp Fail	Shows error on led source
DISPLAY	Language	English/Russian/Chinese	Select the desired language
	Back light	ON / OFF / FLASH	
	Reverse	ON / OFF / AUTO	Orientation of the LCD screen.
USER	Settings Lock	Input code	Locks adjustable parameter default code is (1234)
	KEY LOCK	ON / OFF	Locks buttons (Do NOT activate unless RDM is enabled)
	TEST	ON / OFF	Test program
	Program	Prog. 1 – 8	Built-in programs.

PAN/TILT Invert & adjustments

How to adjust PAN/TILT

1. Make sure the device is unlocked with the code provided.
2. Go to "SETTING" > Press enter to enter the menu.
3. Select "ADJUST"
4. Here, select X-Alignment or Y-Alignment -> Press Enter
5. Choose between "Reverse" or "Offset", then press Enter
6. Select yes to Flip or set your desired adjustments.



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Built-in battery

The SMART HYBRID250 has the option to install a 3.7V lithium-ion battery that allows the user to use specific menu functions, such as preset the DMX address, without having to connect the device to a power source. The battery recharges when the device is connected to power.

Approved battery for use

- 14500 3.7V AA protected rechargeable lithium-ion.
- Eagle Lite battery activated devices do NOT have battery installed upon delivery, due to shipping rules.
- Do not use batteries other than those listed above.

Install the battery in the Device.

The battery mounting location is behind the LCD screen and buttons

1. Loosen the 4 screws located at the top of the base of the device closest to the LCD screen.
2. Remove the shield that is now loose.
3. Carefully insert the battery into the mounting position, with the positive side up.
4. Reassemble the shield and screws.
5. Now you are ready to adjust/set up the device without it being connected to a power source.

To adjust/set the device on battery, simply press the round button on the front.



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Specifications

Description	Data
Power supply:	90-240V AC 50/60Hz.
Power consumption:	350W Max
IP class:	IP20
LED:	250W White LED Module 6700K
Dimmer/Shutter:	16-Bit linear dimmer / 0-20 Hz
Gobo static:	16 static Gobo + open
Gobo rotating:	8 Rotating Gobo + open
Color wheel	10 Colors + open
Prism	8-Facet Rotating Prism
Beam angle/zoom:	3-38°
Focus:	Motorized focus and built-in Auto focus
Frost:	1 pcs frost filter 0-100%
Tilt:	16-Bit Tilt with Auto Correction 270°
PAN:	16-Bit Pan with Auto Correction 540°
Control:	DMX, sACN, ArtNET, W-DMX*, Auto, Master Slave, manual
DMX Channels:	Normal Mode(24ch) / Small Mode (18ch)



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Power connection:	Truecon TR1 in & out
DMX connection:	3-Pin dmx IN & OUT 5-Pin dmx IN & OUT ArtNET/sCAN IN
RDM:	Yes, the device is with built-in RDM
Cooling:	Low Noise fans temperatures controlled, with adjustable modes, adjustable over DMX or manually
Display type/Display	LCD Screen
Workspace	5°C~40°C
Size:	Depth: 212mm
	Width: 332mm
	Height: 540mm
Weight:	12KG



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DMX CHART

Normal Mode 24CH

Normal mode (24ch)	Function	DMX Value	Description
1	Pan	0-255	0-540°
2	Pan Fine (16-Bit)	0-255	Pan Fine
3	Tilt	0-255	0-270°
4	Tilt Fine (16-Bit)	0-255	Tilt Fine
5	Color Wheel	0-7	Open
		8-15	Red
		16-23	Yellow
		24-31	Cyan
		32-39	Green
		40-47	Orange
		48-55	Blue
		56-63	Magenta
		64-71	Lime
		72-79	CTO
		80-87	UV
		88-95	Open
		96-221	Color Wheel Indexing
		222-238	Colour scroll – CCW 0-100%
		239-255	Colour scroll – CW 0-100%
6	Static Gobo wheel	0-3	Open
		4-7	Gobo 1
		8-11	Gobo 2
		12-15	Gobo 3
		16-19	Gobo 4
		20-23	Gobo 5
		24-27	Gobo 6
		28-31	Gobo 7
		32-35	Gobo 8
		36-39	Gobo 9
		40-43	Gobo 10
		44-47	Gobo 11
		48-51	Gobo 12
		52-55	Gobo 13
		56-59	Open
		60-67	Gobo1 Shake From Slow -> Fast
		68-75	Gobo2 Shake From Slow -> Fast
		76-83	Gobo3 Shake From Slow -> Fast
		84-91	Gobo4 Shake From Slow -> Fast
		92-99	Gobo5 Shake From Slow -> Fast
100-107	Gobo6 Shake From Slow -> Fast		
108-115	Gobo7 Shake From Slow -> Fast		



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		116-123	Gobo8 Shake From Slow -> Fast
		124-131	Gobo9 Shake From Slow -> Fast
		132-139	Gobo10 Shake From Slow -> Fast
		140-147	Gobo11 Shake From Slow -> Fast
		148-155	Gobo12 Shake From Slow -> Fast
		156-163	Gobo13 Shake From Slow -> Fast
		164-167	No Gobo scroll
		168-211	Rotate Left
		212-255	Rotate Right
7	Rotating Gobo wheel	0-7	Open
		8-15	Gobo1
		16-23	Gobo2
		24-31	Gobo3
		32-39	Gobo4
		40-47	Gobo5
		48-55	Gobo6
		56-63	Gobo7
		64-71	Gobo8
		72-79	Gobo1 Shake From Slow -> Fast
		80-87	Gobo2 Shake From Slow -> Fast
		88-95	Gobo3 Shake From Slow -> Fast
		96-103	Gobo4 Shake From Slow -> Fast
		104-111	Gobo5 Shake From Slow -> Fast
		112-119	Gobo6 Shake From Slow -> Fast
		120-127	Gobo7 Shake From Slow -> Fast
		128-135	Gobo8 Shake From Slow -> Fast
		136-195	No Gobo Scroll
		137-137	CW Fast
		138-194	CW Fast -> Slow
		195-195	CW Slow
198-254	CCW Slow -> Fast		
255-255	CCW Fast		
8	Rotating Gobo Rotation	0-3	No Effect
		4-123	Gobo indexing Rotate
		124-187	Counterclockwise Rotation, Fast -> Slow
		188-191	Stop
		192-255	Clockwise Rotation, Slow -> Fast
9	Dimmer	0-255	
10	Dimmer fine	0-255	
11	Shutter	0-3	Open
		4-67	Fade Open <-> Speed - 0-100%
		68-99	Pulse Open - 0-100%
		100-131	Pulse Close - 0-100%
		132-175	Strobe 1 - 0-100%
176-247	Strobe 2 - 0-100%		



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		248-251	Random Strobe Sync - 0-100%
		252-255	Random Strobe Async - 0-100%
12	Dimmer Mode / Refresh Rate	0-31	600Hz PWM Fade (Default 0)
		32-63	600Hz -PWM No Fade
		64-95	300Hz – PWM Fade
		96-127	300Hz – PWM No Fade
		128-159	1200Hz – PWM Fade
		160-191	1200Hz – PWM No Fade
		192-223	8333Hz – PWM Fade
		224-255	8333Hz – PWM No Fade
13	Dimmer Curve	0-31	Square Law
		32-63	Linear
		64-95	Inverse Square Law
		96-127	S-Curve
		128-55	Reserved
14	Prism 8-Facet	0-31	No Prism/Open
		32-255	8-Facet Prism insterted
15	Prism Rotation	0-3	No rotation
		4-123	Prism Indexing
		124-187	Counter Clockwise Rotation, Slow to Fast
		188-191	Stop
192-255	Clockwise Rotation, Slow to Fast		
16	Zoom	0-255	Narrow to Wide, (Default 0)
17	Zoom Fine	0-255	
18	Focus	0-255	
19	Focus Fine	0-255	
20	Auto Focus Distance	0-3	Auto-Focus Disabled
		4-63	5M
		64-127	7.5M
		65-191	10M
		192-255	15M
21	Auto Focus Distance Fine	0-255	Continuous Adjustment within the distance range set on Ch.20
22	Frost	0-9	Open
		10-255	0 - 100 % (Linear)
23	P/T Speed	0-255	Fast To Slow
24	Control/Reset (8 Sec. Activation Delay)	0-19	No Effect
		20-29	Reset ALL
		30-39	Reset Pan/Tilt
		40-49	Reset Color, Gobo
		50-59	Reset Zoom, Focus, Prism, Frost
		60-69	(Reserved)
70-74	Display Default		



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		75-79	Display Off (Not retained after shutdown)
		80-84	Display On
		85-89	Fan - Quiet Mode - Low Speed (Retained after shutdown)
		90-94	Fan - Medium Speed (Retained after shutdown)
		95-99	Fan - High Speed (Retained after shutdown)
		100-255	(Reserved)

Small Mode 18CH

Small mode (18ch)	Function	DMX Value	Description
1	Pan	0-255	0-540°
2	Pan Fine (16-Bit)	0-255	Pan Fine
3	Tilt	0-255	0-270°
4	Tilt Fine (16-Bit)	0-255	Tilt Fine
5	Color Wheel	0-7	Open
		8-15	Red
		16-23	Yellow
		24-31	Cyan
		32-39	Green
		40-47	Orange
		48-55	Blue
		56-63	Magenta
		64-71	Lime
		72-79	CTO
		80-87	UV
		88-95	Open
		96-221	Color Wheel Indexing
222-238	Colour scroll – CCW 0-100%		
239-255	Colour scroll – CW 0-100%		
6	Static Gobo wheel	0-3	Open
		4-7	Gobo 1
		8-11	Gobo 2
		12-15	Gobo 3
		16-19	Gobo 4
		20-23	Gobo 5
		24-27	Gobo 6
		28-31	Gobo 7
		32-35	Gobo 8
		36-39	Gobo 9
		40-43	Gobo 10
		44-47	Gobo 11
48-51	Gobo 12		



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		52-55	Gobo 13
		56-59	Open
		60-67	Gobo1 Shake From Slow -> Fast
		68-75	Gobo2 Shake From Slow -> Fast
		76-83	Gobo3 Shake From Slow -> Fast
		84-91	Gobo4 Shake From Slow -> Fast
		92-99	Gobo5 Shake From Slow -> Fast
		100-107	Gobo6 Shake From Slow -> Fast
		108-115	Gobo7 Shake From Slow -> Fast
		116-123	Gobo8 Shake From Slow -> Fast
		124-131	Gobo9 Shake From Slow -> Fast
		132-139	Gobo10 Shake From Slow -> Fast
		140-147	Gobo11 Shake From Slow -> Fast
		148-155	Gobo12 Shake From Slow -> Fast
		156-163	Gobo13 Shake From Slow -> Fast
		164-167	No Gobo scroll
		168-211	Rotate Left
212-255	Rotate Right		
7	Rotating Gobo wheel	0-7	Open
		8-15	Gobo1
		16-23	Gobo2
		24-31	Gobo3
		32-39	Gobo4
		40-47	Gobo5
		48-55	Gobo6
		56-63	Gobo7
		64-71	Gobo8
		72-79	Gobo1 Shake From Slow -> Fast
		80-87	Gobo2 Shake From Slow -> Fast
		88-95	Gobo3 Shake From Slow -> Fast
		96-103	Gobo4 Shake From Slow -> Fast
		104-111	Gobo5 Shake From Slow -> Fast
		112-119	Gobo6 Shake From Slow -> Fast
		120-127	Gobo7 Shake From Slow -> Fast
		128-135	Gobo8 Shake From Slow -> Fast
		136-195	No Gobo Scroll
		137-137	CW Fast
		138-194	CW Fast -> Slow
		195-195	CW Slow
198-254	CCW Slow -> Fast		
255-255	CCW Fast		
8	Rotating Gobo Rotation	0-3	No Effect
		4-123	Gobo indexing Rotate
		124-187	Counterclockwise Rotation, Fast -> Slow
		188-191	Stop



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		192-255	Clockwise Rotation, Slow -> Fast
9	Dimmer	0-255	
10	Shutter	0-3	Open
		4-67	Fade Open <-> Speed - 0-100%
		68-99	Pulse Open - 0-100%
		100-131	Pulse Close - 0-100%
		132-175	Strobe 1 - 0-100%
		176-247	Strobe 2 - 0-100%
		248-251	Random Strobe Sync - 0-100%
		252-255	Random Strobe Async - 0-100%
11	Dimmer Mode / Refresh Rate	0-31	600Hz PWM Fade (Default 0)
		32-63	600Hz -PWM No Fade
		64-95	300Hz – PWM Fade
		96-127	300Hz – PWM No Fade
		128-159	1200Hz – PWM Fade
		160-191	1200Hz – PWM No Fade
		192-223	8333Hz – PWM Fade
		224-255	8333Hz – PWM No Fade
12	Prism 8-Facet	0-31	No Prism/Open
		32-255	8-Facet Prism insterted
13	Prism Rotation	0-3	No rotation
		4-123	Prism Indexing
		124-187	Counter Clockwise Rotation, Slow to Fast
		188-191	Stop
		192-255	Clockwise Rotation, Slow to Fast
14	Zoom	0-255	Narrow to Wide, (Default 0)
15	Focus	0-255	
16	Frost	0-9	Open
		10-255	0 - 100 % (Linear)
17	P/T Speed	0-255	Fast To Slow
18	Control/Reset (8 Sec. Activation Delay)	0-19	No Effect
		20-29	Reset ALL
		30-39	Reset Pan/Tilt
		40-49	Reset Color, Gobo
		50-59	Reset Zoom, Focus, Prism, Frost
		60-69	(Reserved)
		70-74	Display Default
		75-79	Display Off (Not retained after shutdown)
		80-84	Display On
		85-89	Fan - Quiet Mode - Low Speed (Retained after shutdown)



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		90-94	Fan - Medium Speed (Retained after shutdown)
		95-99	Fan - High Speed (Retained after shutdown)
		100-255	(Reserved)



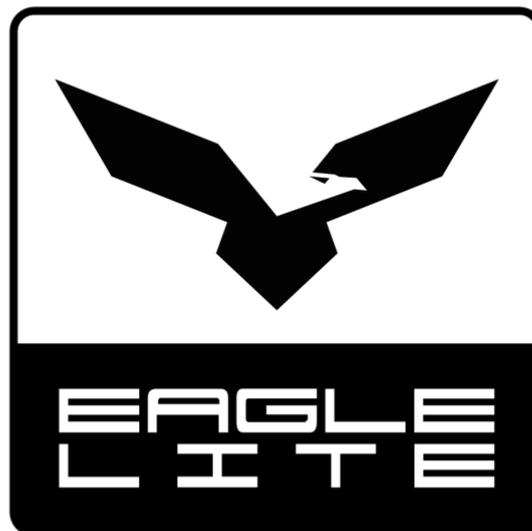
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Company info

Mail: info@eaglelite.dk
tel: +45 27 58 72 31

WEB: <https://eaglelite.dk/>

Firma: Eagle Lite
CVR: DK39524627



UK
CA CE