

DecoHody

RGBW Combined Source



Date: _____ Quantity: _____

Company: _____

Project: _____

The DecoHody RGBW Combined Source features double-row LEDs that provide flexible beam angles, allowing for tailored illumination. Its durable aluminum alloy housing ensures longevity in various environments. This linear floodlight is perfect for signage, landscape, and accent lighting. Additionally, it supports DMX/RDM advanced control compatibility, making it a versatile choice for dynamic lighting applications.

FEATURES

- Double row LEDs for flexible beam angles
- Durable aluminium alloy housing
- Ideal for signs, landscape, accent lighting
- DMX/RDM advanced control compatibility

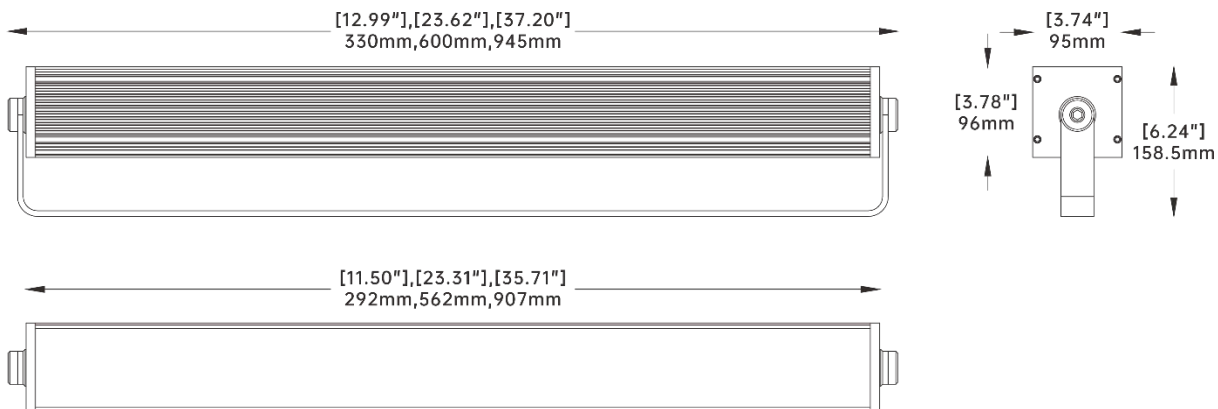
PERFORMANCE AND COMPLIANCE



QUICK SPEC

Color Options	RGB, Adjustable White with Quad Chip at 2700K, 3000K, 4000K, 6500K
Length	330mm [12.99"], 600mm [23.62"], 945mm [37.20"]
Optics	15°, 25°, 35°, 50°, 15°x40°
Power Consumption	30W (330mm), 60W (600mm), 98W (945mm)
Voltage	100-277VAC 50/60Hz
Dimming	DMX, RDM

DIMENSIONS



Specifications are subject to change due to updates and innovations. Check our website for the latest technical data. The information serves as an estimate and may differ by power supply and installation. All rights reserved.

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PHYSICAL

Housing Material	6063 high density extruded aluminium alloy
Lens Material	Optical grade PMMA
Cover	Silk screen tempered glass
Surface Finishing	Powder coating available in
	- RAL9011 Black
	- RAL9023 Dark Grey

LUMINAIRE PERFORMANCE

Photometric Summary:

330mm @ 30W

Beam Angle	Delivered Output (lm) All channels on	Intensity (Peak CD)
15°	1767	12054
25°	1746	5247
50°	1665	1939
15°x40°	1775	5822

600mm @ 60W

Beam Angle	Delivered Output (lm) All channels on	Intensity (Peak CD)
15°	3317	23215
35°	3098	5777
15°x40°	3148	10305

ENVIRONMENT

Storage Temperature	-30°C to 60°C
Operating Temperature	-20°C to 50°C
Ingress Protection Rating	IP66

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CABLE CORE COLOR CODING

Cable	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
Data lead in	DMX+	Purple	20AWG	Purple	0.5mm ²
	DMX-	Pink	20AWG	Grey	0.5mm ²
	DMX GND	Yellow	20AWG	Yellow	0.5mm ²
Power and Data Power Combined	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
	DMX+	Purple	22AWG	Purple	0.3mm ²
	DMX-	Pink	22AWG	Grey	0.3mm ²
	DMX GND	Yellow	22AWG	Yellow	0.3mm ²

MAXIMUM DAISY CHAIN LIMITS (Power)

Length (mm)	Power	Region	Main Voltage	Max. power	Max. no. of 4 ft fixtures	Max. Cable Length (Leading + Interlink)
330mm	30W	US	120V	1080W	36 nos.	20 Meters
330mm	30W	EU	220-240V	1980W	66 nos.	30 Meters
600mm	60W	US	120V	1080W	18 nos.	20 Meters
600mm	60W	EU	220-240V	1980W	33 nos.	30 Meters
945mm	99W	US	120V	1080W	10 nos.	20 Meters
945mm	99W	EU	220-240V	1980W	20 nos.	30 Meters

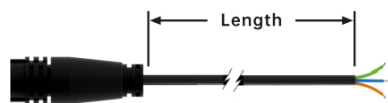
Note:
- The actual maximum daisy chain limit may vary based on the gauge of the leading cable and the specific installation conditions. The values provided are recommended guidelines and should be considered as such. Please ensure that all installations comply with local electrical codes and safety standards.

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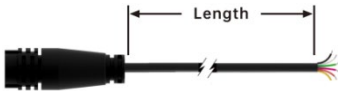
CABLEING & CONNECTIVITY (Order Separately)

Leading Cable

Function: Power Lead-in
ITEM: ECACF-LENGTH-3pin-AREA

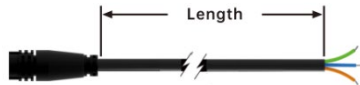


Function: Power and Data Combined Lead-in
ITEM: ECACF-LENGTH-6pin-AREA



LENGTH: 300-300mm[0.98'], 2000-2000mm[6.56'], 6000-6000mm[19.66'], 15000-15000mm[49.21']
AREA: EU-Europe, US- USA

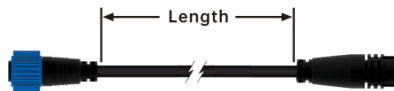
Function: Signal Lead-in
ITEM: ECDCF(SHIELD)-LENGTH-3pin



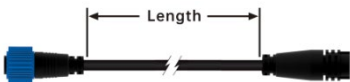
LENGTH: 300-300mm[0.98'], 2000-2000mm[6.56'], 6000-6000mm[19.66'], 15000-15000mm[49.21']

Interlink Cable

Function: Power Extension
ITEM: ECACL-LENGTH-3pin



Function: Power and Data Combined Extension
ITEM: ECACL-LENGTH-6pin



LENGTH: 300-300mm[0.98'], 2000-2000mm[6.56'], 6000-6000mm[19.66']

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TERMINATION & JUNCTIONS (Order Separately)

T-Joint

Function: Power and Signal Combined T-joint
ITEM: AC-LEADIN-336



Function: Power Injector
ITEM: AC-P-INJECT-636

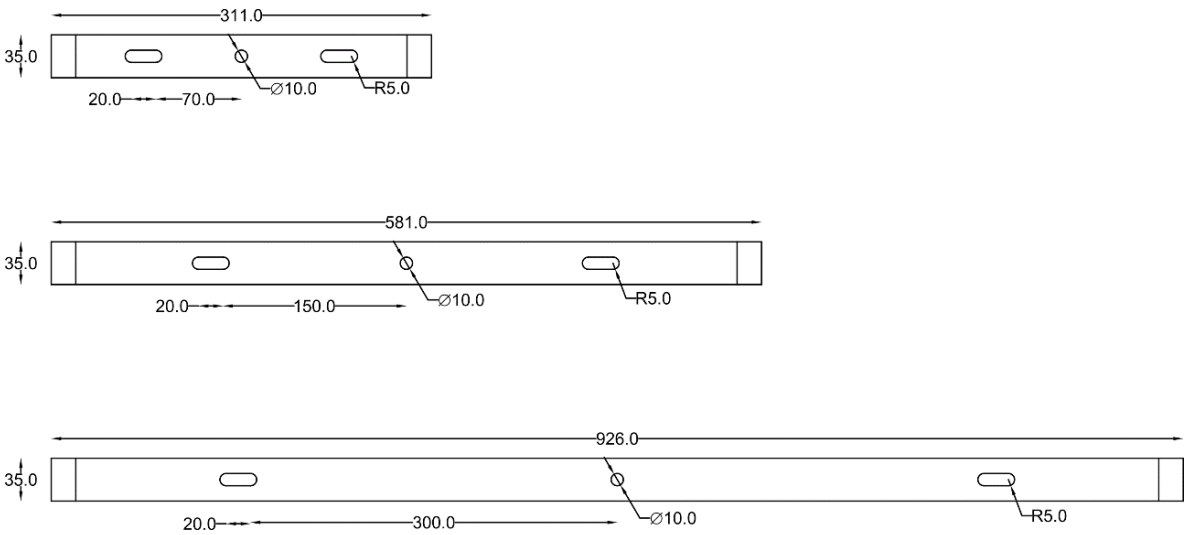


DMX Terminator

Function: DMX Terminator
ITEM: DMX-Term-AC-6Pin



MOUNTING PATTERN

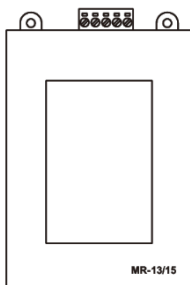


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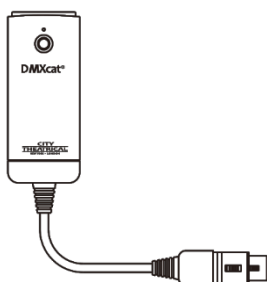
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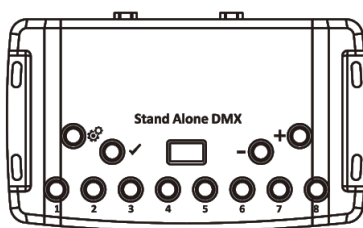
DMX and RDM Control Accessories (Order Separately)



Item: MR-WT25
Brand: MR Technology
Function: DMX Address Writer and Tester
Description: A portable, handheld device supporting DMX512 and RDM protocols, allowing for DMX channel programming, testing, and control with a USB Type-C power supply.



Item: DMXcat™
Brand: City Theatrical
Function: RDM Address Writer and Tester
Description: A compact, battery-powered tool for DMX and RDM control via Bluetooth, supporting DMX testing, RDM monitoring, and DIP switch configuration through a smartphone app.



Item: LPSA 512
Brand: Chromateq
Function: DMX Controller
Description: The Chromateq LPSA512 is a compact DMX interface with 512 channels, offering scene storage and playback without a computer. It supports real-time clock and IR control, ideal for smaller setups.

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PARTCODE BUILDER

EXAMPLE CODE: DLF-RGBW.09.27.15.DMX-PB-US

Series	Length	Color Option	Optic	Control	Finish	Area
DLF-RGBW DecoHody RGBW	03 330mm	27 2700K	15 15°	DMX DMX	DG Dark Grey	EU EUROPE
	06 600mm	30 3000K	25 25°	RDM RDM	PB Black	US USA
	09 945mm	40 4000K	35 35°			
		65 6500K	50 50°			
			1540 15°x40°			

Remarks:

- Customized optic available
- Customized corrosive available
- Customized coating available
- Due to the quad chip configuration, the static white CCT may vary by up to 10%.

Luminoscape regularly enhances its optics for ongoing product improvement. Luminoscape reserves the right to modify the optics without prior notice. For repeated or project orders requiring the same optic and control; kindly include the relevant Luminoscape invoice number (INVxxxxx) in the purchase order.

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Statement of Limited Warranty

Disclaimer of Warranty:

Luminoscape products are tested and manufactured to meet the highest quality standards. We offer a limited warranty that covers defects in materials and workmanship for a period of 5 years from the date of purchase for standard products, and 3 years for inground and customized products. For customized products, please consult your sales representative for confirmation of warranty terms. The determination of whether a product is defective will be made by Luminoscape. Should any product be deemed defective in materials or workmanship, Luminoscape will, at its discretion, repair or replace the product at no charge. Luminoscape reserves the right to use similar, new, repaired, or remanufactured products or parts as part of this limited warranty process.

This warranty is expressly limited to the repair or replacement of the product. In no case shall the total remedy exceed the purchase price of the defective product. Luminoscape shall not be liable for any incidental or consequential damages arising from or related to the use of the products.

Warranty Period:

Luminoscape provides a standard warranty of 5 years for our products. For inground and customized orders, the warranty period is 3 years. In exceptional cases, further details regarding the warranty period may be discussed with your sales representative.

Warranty Protection:

This limited warranty does not apply where

- Products that have been improperly modified, adjusted, repaired or any alterations.
- Products that are damaged due to improper installation or connection not in accordance with the product wiring diagram.
- Products that have been improperly modified, adjusted, repaired or any alterations.
- Damage from any "Acts of God" includes floods, lightning, landslides, earthquakes, tornadoes, hurricanes and wildfires.
- Damage results from electrical power surges and spikes.
- Products used in an inappropriate environmental conditions (temperature, humidity, moisture, etc.) outside the normal specified range.
- Electrical power surges and spikes.
- Products are damaged due to chemical exposure or corrosion.
- Products have exceeded their operational lifespan as specified in the product documentation.
- Please consult your sales representative for any specific warranty questions or concerns.

Remark: No distributor or supplier of Luminoscape has the authority to modify or amend this Limited Warranty. This warranty may not be transferred or assigned by the original end user.