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ARKRGBW
ANCHOR RGBW WALL WASHER
TERRAIN SERIES

The Anchor Wall Wash Linear is versatile outdoor lighting fixture that combines efficiency and aesthetics, illuminating outdoor space with precision while enhancing architectural features and creating captivating wall wash effects. Its durable construction and weather resistance make it suitable for range of applications, from building facades and landscape to walkways and plazas, providing a versatile light solution for transforming outdoor environment into visually stunning space.

FEATURES

• Multiple lengths available

• Powder coated aluminum body

• 15 watt per foot

• ETL listed

• Universal Voltage

• 5 Year warranty

SPECIFICATIONS

Color Temperature	RGB+ 3000K, 4000K, 6500K	Input Voltage	100-277V
Length	1FT, 2FT, 3FT,4FT	Cover	Silk screen tempered glass
Optics	15°, 25°, 35°, 50°, 20°x50°	Surface Finishing	Power Coat
Wattge	15W/FT	Power Factor	>0.9
Lumens	50LM/W	Storage Temperature	-30°C to 60°C
Dimming	DMX *RDM version available	Operating Temperature	-10°C to 50°C
Housing Material	high density extruded aluminum alloy	Ingress Protection Rating	IP66
Lens Material	Optical grade PMMA	Certification	ETL

ETL CE RoHS CCC IP66

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ORDERING GUIDE

ARKRGBW-_____ - RGB _____ - UNV - _____ - _____ - _____   *Example: ARKEGBW-1-RGB30-010-DM-13-AG*

Model	Length	CCT	Voltage	Dimming	Optics	Finish
ARKRGBW	**1** 1FT **2** 2FT **3** 3FT **4** 4FT	**30** 3000K **40** 4000K **65** 6500K	100-277V	**DM** DMX **RM** RDM **PPF** Pixal	**13** 13 Degree **25** 25 Degree **35** 35 Degree **50** 50 Degree **WW** 20x50 Wall Wash	**CG** Gray (Power Coat) **BK** Black (Power Coat) **WT** White (Power Coat)

This is made to order item, please contact for lead time

OPTICS AND MOUNTING ORDERING GUIDE

ARKRGBW- _____ - _____   *Example: ARKRGB-AAGL-1*

Model	Description
ARKRGBW-AAGL - (1FT, 2FT, 3FT, 4FT)	Asymmetric anti-glare louver
ARKRGBW-SAGL - (1FT, 2FT, 3FT, 4FT)	Symmetric anti-glare louver
ARKRGBW-MA	180˚ Adjustable mounting
ARKRGBW-MB	180˚ Adjustable mounting (11mm)
ARKRGBW-ML	180˚ Adjustable mounting (L shape)
ARKRGBW-MSL	Adjustble landscape lighting mount
ARKRGBW-MWA	Adjustable wall mount bracket (150mm - 230mm)
ARKRGBW-MWB	Adjustable wall mount bracket (355mm - 560mm)

This is made to order item, please contact for lead time

WIRING ACCESSORY ORDERING GUIDE

ARKRGBW-_____   *Example: ARKRGBW-PL-1*

| Model	Description	Model	Description
ARKRGBW-PL-1	Power Lead Starting Wire, 1ft	ARKRGBW-PLDL-6	Data Lead
ARKRGBW-PL-6	Power Lead Starting Wire, 6.5ft	ARKRGBW-PLDL-20	Data Lead
ARKRGBW-PL-20	Power Lead Starting Wire, 19.5ft	ARKRBW-PLDL-50	Data Lead
ARKRGBW-PL-50	Power Lead Starting Wire, 49.5ft	ARKRGBW-PEDL-1	Power and data combined extension 1ft
ARKRGBW-DL-1	Data Lead 1ft	ARKRGBW-PEDL-2	Power and data combined extension 2ft
ARKRGBW-DL-6	Data Lead 6.5ft	ARKRGBW-PEDL-6	Power and data combined extension 6ft
ARKRGBW-DL-20	Data Lead 19.5ft	ARKRGBW-LJ-T	Leading T-Joint
ARKRGBW-DL50	Data Lead 49.5ft	ARKRGBW-PL	Power Injector
ARKRGBW-PLDL-1	Data Lead	ARKRGBW-EC-DMX	IP rated DMX terminator with build-in 120 ohm resistor

This is made to order item, please contact for lead time

DIMENSIONS
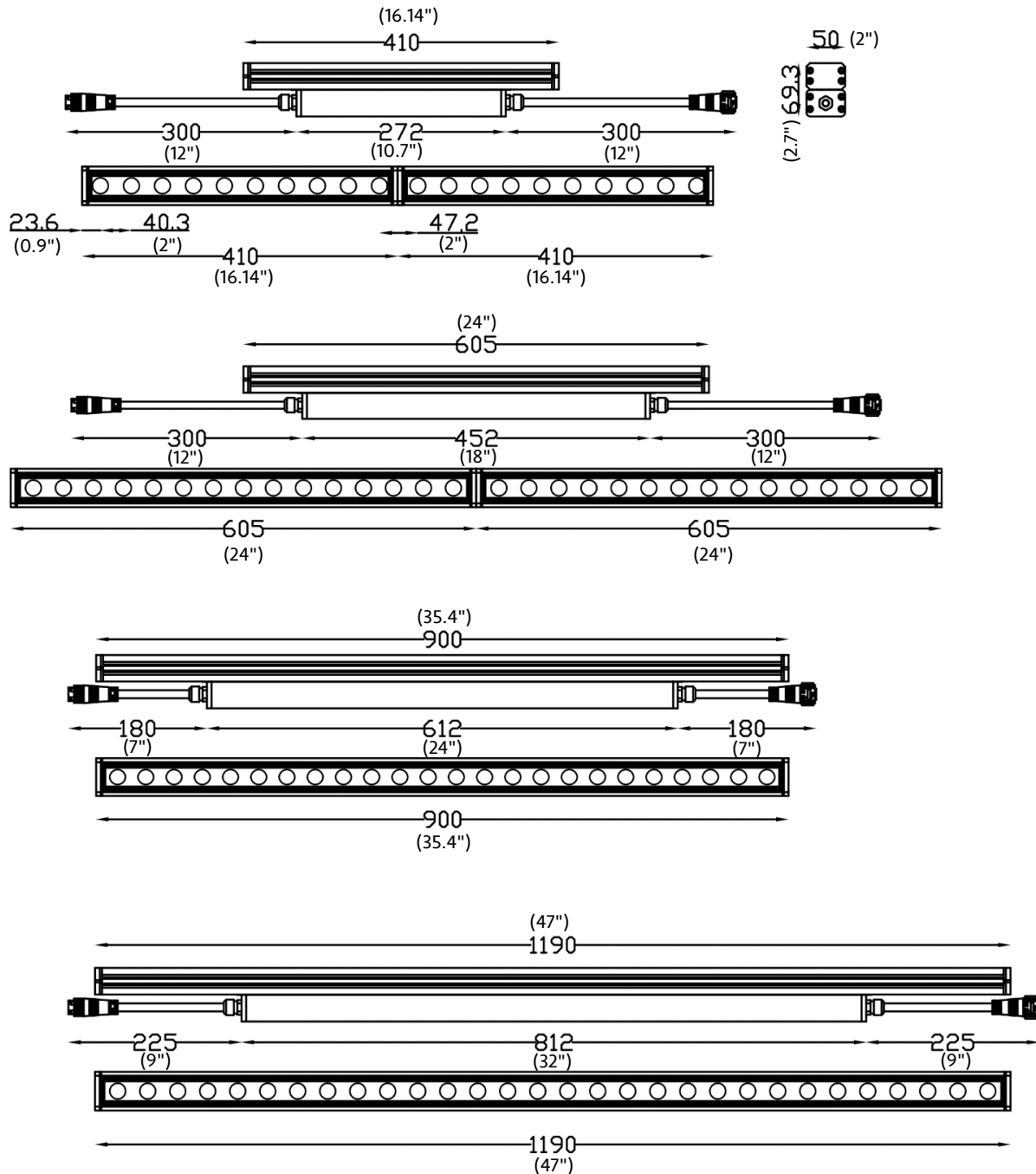
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CABLE CONDUCTOR SPECIFICATIONS

The core in the power and data cable are colored according to the following table:

Cable	Function	Core (US)	Wire Size	Core (EU)	Wire Size
Power lead in/ Power extension Cable	L (live)	Black	16AWG	Brown	1.3mm²
	N (Netural)	White	16AWG	Blue	1.3mm²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm²
Data lead in	DIM+	Purple	20AWG	Purple	0.5mm²
	DIM-	Pink	20AWG	Pink	0.5mm²
	DMX GND	Yellow	20AWG	Yellow	0.5mm²
Power and Data lead in/ Power data extension cable	L (live)	Black	16AWG	Brown	1.3mm²
	N (Netural)	White	16AWG	Blue	1.3mm²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm²
	DIM+	Purple	22AWG	Purple	0.3mm²
	DIM-	Pink	22AWG	Pink	0.3mm²
	DMX GND	Yellow	22AWG	Yellow	0.3mm²

The maximum number of connected fixtures in a daisy chain:

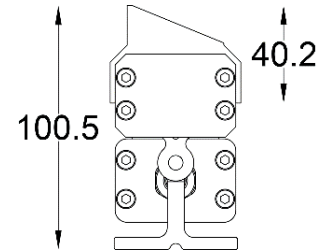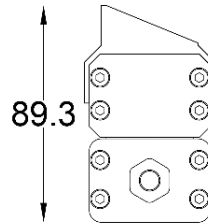| Power/ft	Region	Main Voltage	Cable Max. power	Max. no. of 4ft fixtures can be clusted
15W	US	120V	1020W	17 nos.

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ANTI-GLARE ACCESSORIES
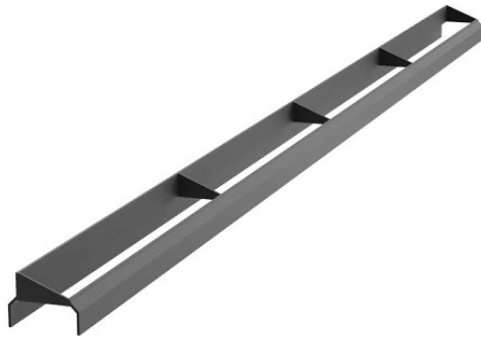
Height with and without mounting bracket
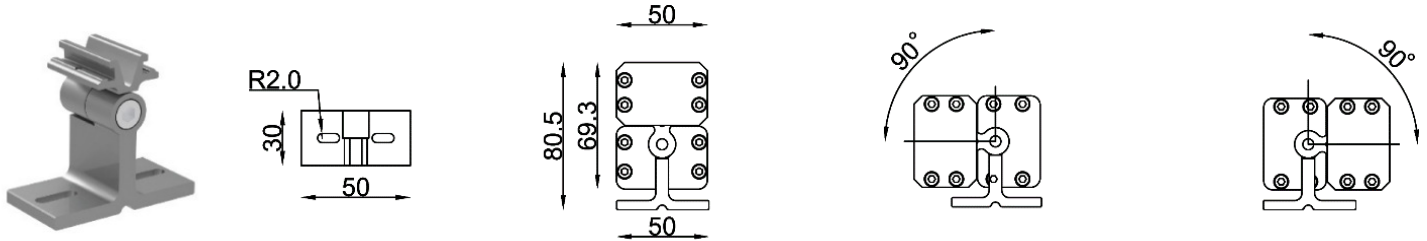

89.3

100.5

40.2

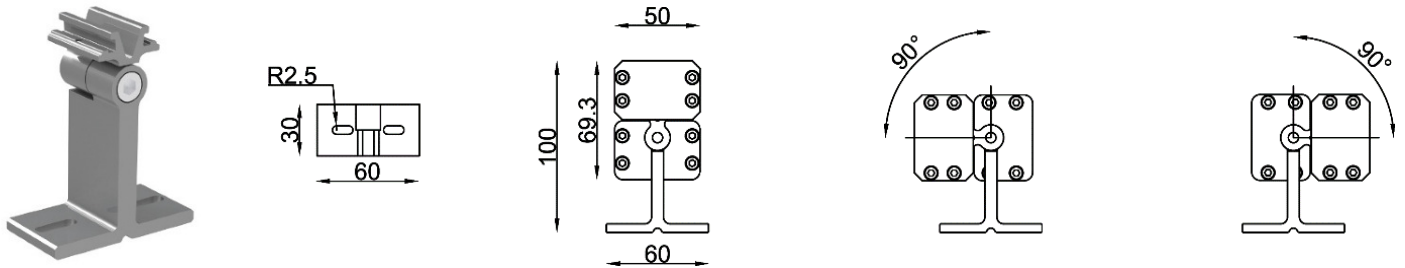Asymmetric anti-glare louver

ARKRGBW-AAGL
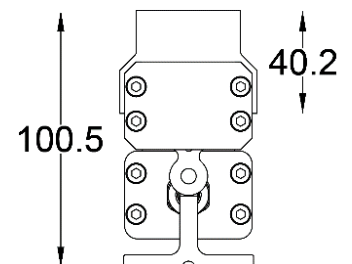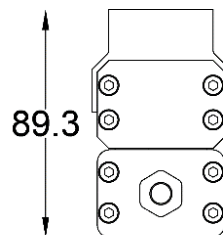
89.3

100.5

40.2

Symmetric anti-glare louver

ARKRGBW-SAGL

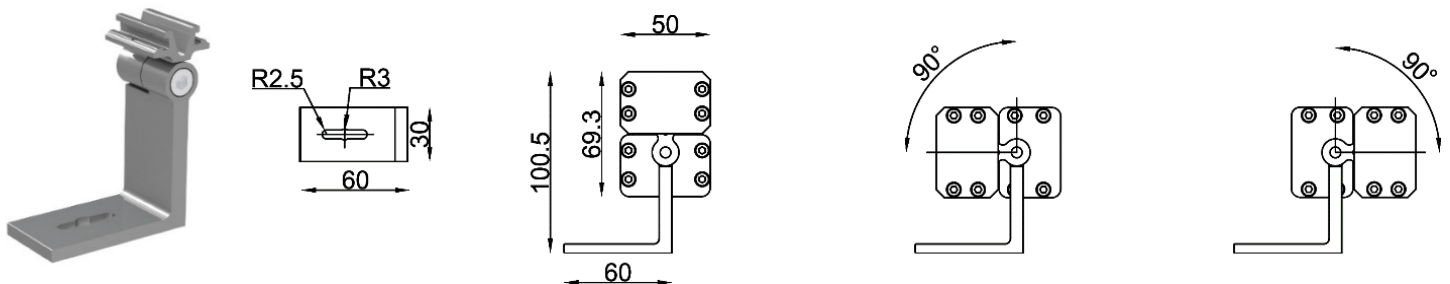**ARKRGBW-MA**   Adjustable mounting option for applications that require angle adjustments. Rotatable up to 180 Degrees.

ARKRGBW-MB   Adjustable mounting option for applications that require angle adjustments. Rotatable up to 180 Degrees.
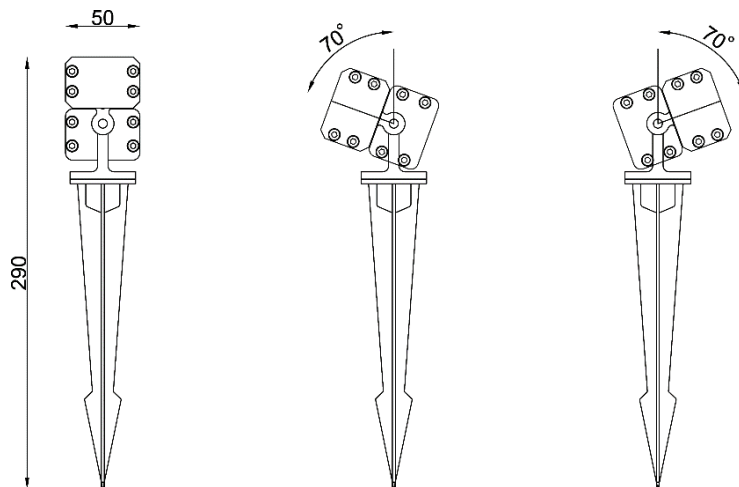

ARKRGBW-ML   L-shape adjustable mounting option for applications that require angle adjustments. Rotatable up to 180 Degrees.
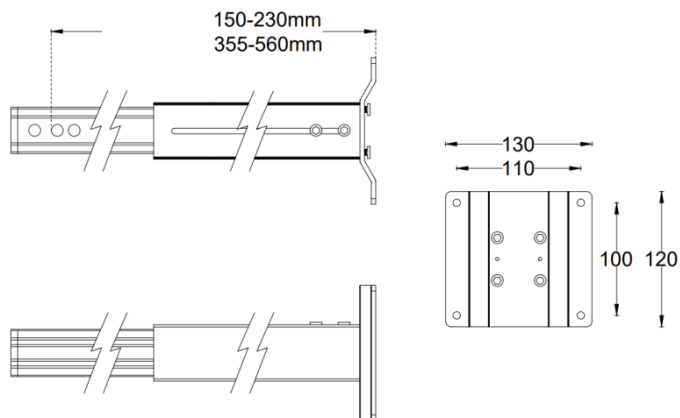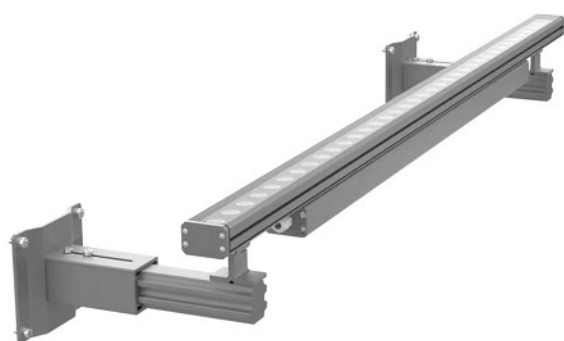
50

290

70°

70°

ARKRGBW-MSL   Adjustable mounting option for landscape lighting application

150-230mm
355-560mm

130
110

100 120

Adjustable Wall Mount Bracket with extendable arm

ARKRGBW-MWA   150mm - 230mm
ARKRGBW-MWB   355mm - 560mm
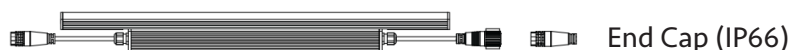
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WIRING GUIDE FOR ON/OFF

Power

Product Image	Model	Length	Description	Cable End		Conductor Size
	ARKRGBW-PL-1	11.8	Power Lead (ON/OFF)	Female	Bare Wire	3x16AWG
	ARKRGBW-PL-6	78.7				
	ARKRGBW-PL-20	236.2				
	ARKRGBW-PL-50	590.5				

Coupling for Daisy Chain

 Extension Cable

 End Cap (IP66)

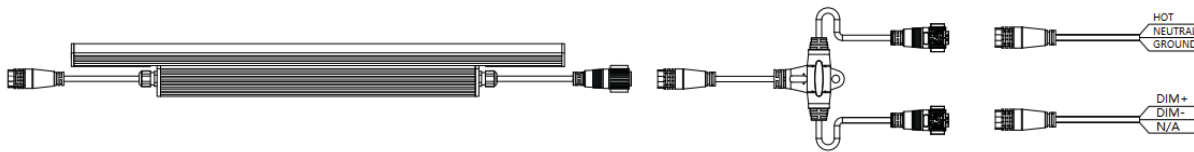| Product Image	Model	Length	Description	Cable End		Conductor Size
	ARKRGBW-PE-1	11.8	Power Extension (ON/OFF)	Female	Male	3x16AWG
	ARKRGBW-PE-2	23.6				
	ARKRGBW-PE-6	71				
	ARKRGBW-EC		ON/OFF			

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WIRING GUIDE FOR 0-10V/DALI

Leading wiring option one: (0-10V / Dali)

Description: Leading T joint with power and data leading cables

Option 1

Product Image	Model	Length	Description	Cable End		Conductor Size
	ARKRGBW-PL-1	11.8	Power Lead (ON/OFF)	Female	Bare Wire	3x16AWG
	ARKRGBW-PL-6	78.7				
	ARKRGBW-PL-20	236.2				
	ARKRGBW-PL-50	590.5				
	ARKRGBW-DL-1	11.8	Data Lead (0-10V, DALI)	Female	Bare Wire	3x16AWG + 3x22AWG
	ARKRGBW-DL-6	78.7				
	ARKRGBW-DL-20	236.2				
	ARKRGBW-DL-50	590.5				
	ARKRGBW-LJ-T		Leading T-Joint (0-10V, DALI)			
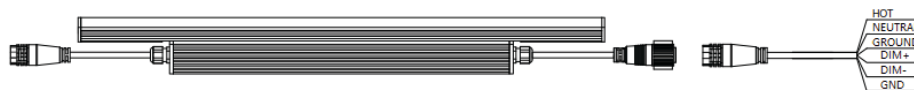
Option 2

Product Image	Model	Length	Description	Cable End		Conductor Size
	ARKRGBW-PLDL-1	11.8	Power & Signal Data Lead (0-10V, DALI) Combined	Female	Bare Wire	3x16AWG + 3x22AWG
	ARKRGBW-PLDL-6	78.7				
	ARKRGBW-PLDL-20	236.2				
	ARKRGBW-PLDL-50	590.5				

COUPLING FOR DAISY CHAIN

Extension Cable

Power injection one:

Description: Power injection with power leading cable

HOT
NEUTRAL
GROUND
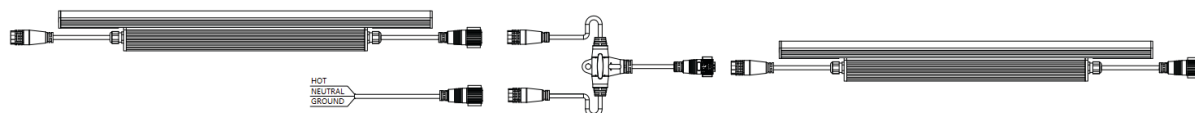
| Product Image	Model	Length	Description	Cable End		Conductor Size
	ARKRGBW-PEDL-1	11.8	Power and Data Combined extension (0-10V, DALI)	Female	Male	3x16AWG + 3x22AWG
	ARKRGBW-PEDL-2	23.6				
	ARKRGBW-PEDL-6	71				
	ARKRGBW-PL		Power Injector (0-10V, DALI)			
	ARKRGBW-EC-D		End cap for Power loop out (0-10V, DALI)			

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RDM RESOLUTION SELECTION MODE

No. of Channels:	16ch	No. of Channels:	8ch	No. of Channels:	4ch
Resolutions:	1-ft	Resolutions:	2-ft	Resolutions:	4-ft
No. of sections:	4	No. of sections:	2	No. of sections:	1
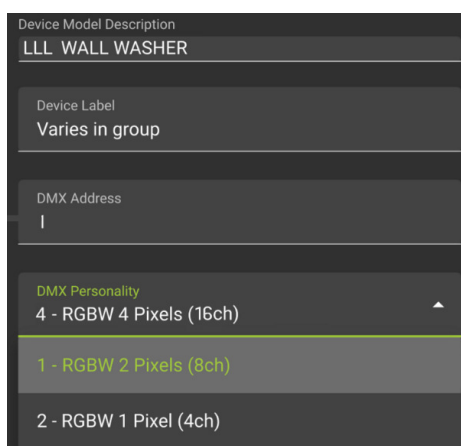
The drop down from the user manual is as shown on the right

DMX/RDM ADDRESS WRITER/TESTER

Handheld address that allocate the DMX channel address on a single branch. It supports SD memory cards, scene file in which offline data can be stored.

ITEM: DMXcat™
City Theatrical's DMXcat™ system is designed by the lighting professional who is involved with the planning, installation, operation, or maintenance of theatrical and studio lighting equipment. The system consists of a small hardware interface device and a suite of mobile applications.