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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	Cover	Silk screen tempered glass
Length	1FT, 2FT, 3FT,4FT	Surface Finishing	Power Coat
Optics	15°, 25°, 35°, 50°, 20°x50°	Power Factor	>0.9
Wattge	15W/FT	Storage Temperature	-30°C to 60°C
Lumens	50LM/W	Operating Temperature	-10°C to 50°C
Dimming	DMX *RDM version available	Ingress Protection Rating	IP66
Housing Material	high density extruded aluminum alloy	Certification	ETL
Lens Material	Optical grade PMMA	IK Rating	IK08
Input Voltage	100-277V		

ETL   CE RoHS CCC IP66

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ORDERING GUIDE

ARKRGBW-_____- RGB _____ - UNV - _____ - _____ - _____   *Example: ARKEGBW-1-RGB 27K-010-13-AG*

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

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)

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## WIRING ACCESSORY ORDERING GUIDE

ARK-_____   *Example: ARKP-PL-1*

Model	Description	Model	Description
ARK-PL-1	Power Lead - 11.8in	ARK-PLDL-1	Power and signal data lead combined - 11.8in
ARK-PL-6	Power Lead - 78.7in	ARK-PLDL-6	Power and signal data lead combined - 78.7in
ARK-PL-20	Power Lead - 236.2in	ARK-PLDL-20	Power and signal data lead combined - 236.2in
ARK-PL-50	Power Lead - 590.5in	ARK-PLDL-50	Power and signal data lead combined - 590.5in
ARK-PE-1	Coupling power extension - 11.8in	ARK-PEDL-1	Power and data combined extension - 11.8in
ARK-PE-2	Coupling power extension - 23.6in	ARK-PEDL-2	Power and data combined extension - 23.6in
ARK-PE-6	Coupling power extension - 71in	ARK-PEDL-6	Power and data combined extension - 71in
ARK-DL-1	Data lead - 11.8in	ARK-LJ-T	Leading T-Joint
ARK-DL-6	Data lead - 78.7in	ARK-PL	Coupling with power for home run (power injector)
ARK-DL-20	Data lead - 236.2in	ARK-EC	End cap for power loop out
ARK-DL-50	Data lead - 590.5in	ARK-EC-D	End cap for power loop out

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DIMENSIONS
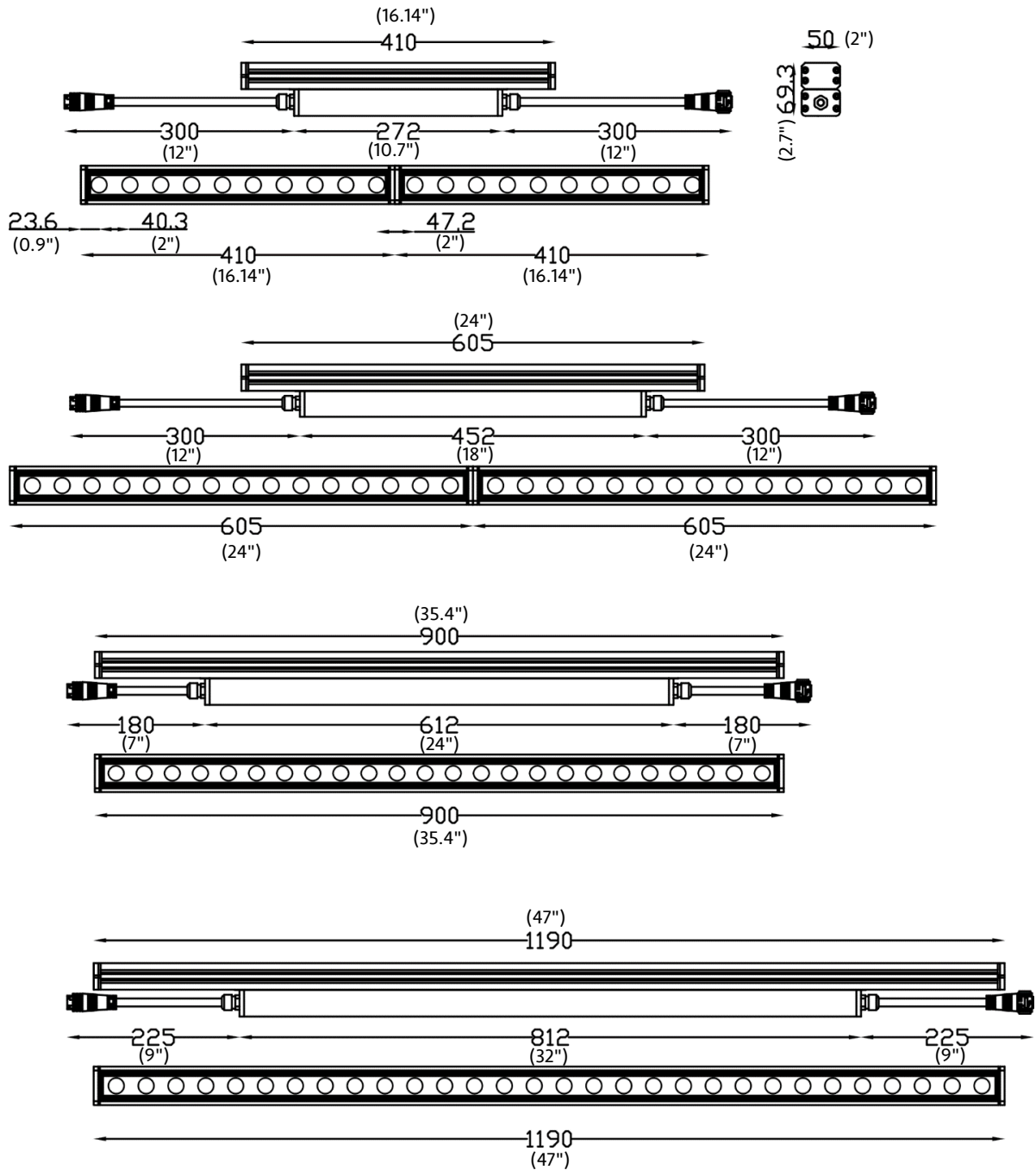
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CABLE CONDUCTOR SPECIFICATIONS

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:

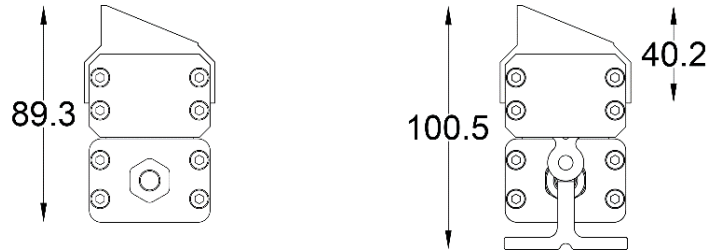| Power/ft	Region	Main Voltage	Cable Max. power	Max. no. of 4ft fixtures can be clusted
15W	US	120V	1020W	17 nos.

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ANTI-GLARE ACCESSORIES
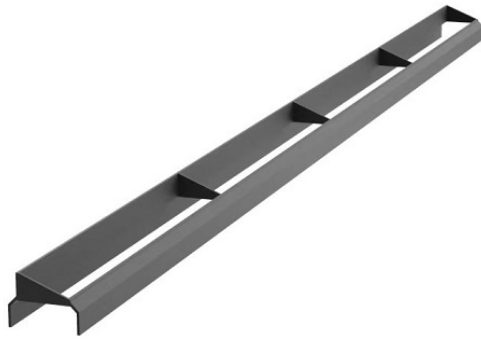
Height with and without mounting bracket

89.3

100.5   40.2
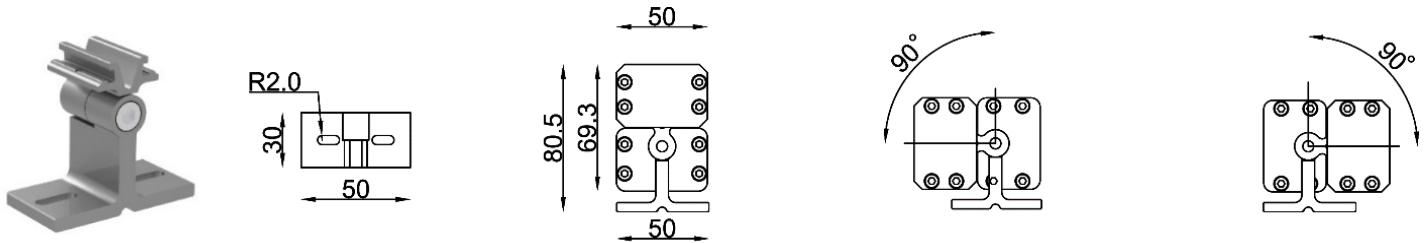
Asymmetric anti-glare louver

ARKRGBW-AAGL
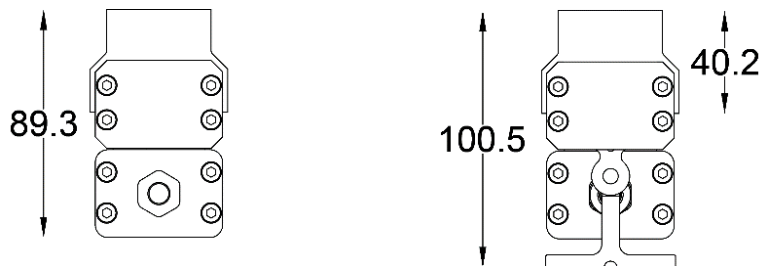
89.3

100.5   40.2
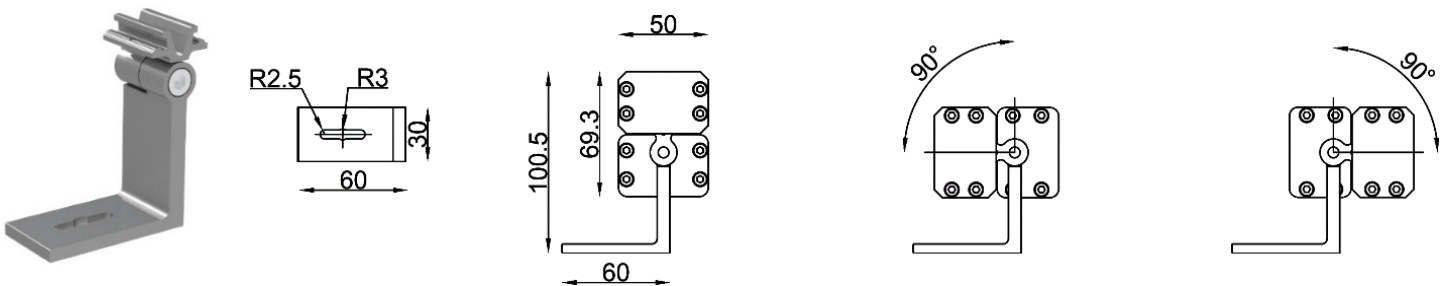
Symmetric anti-glare louver

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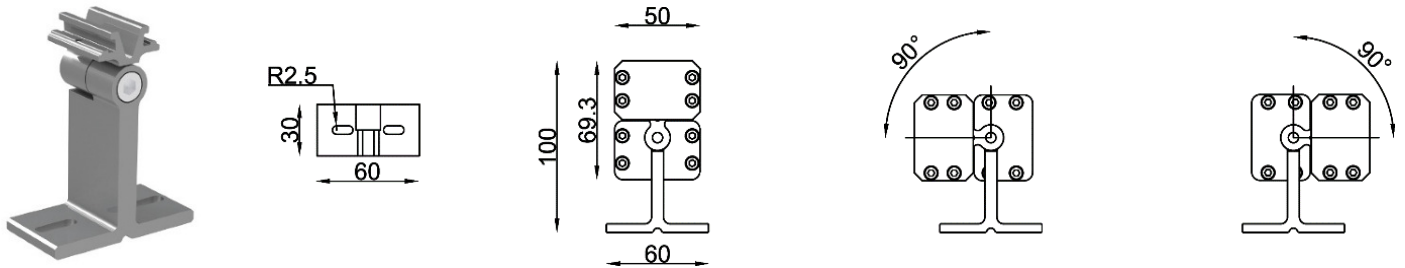
ARKRGBW-MB   Adjustable mounting option for applications that require angle adjustments. Rotatable up to 180 Degrees.
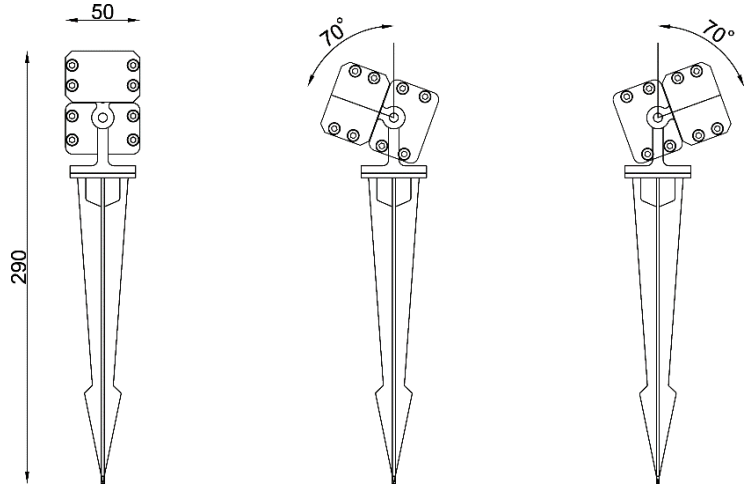

ARKRGBW-ML   L-shape adjustable mounting option for applications that require angle adjustments. Rotatable up to 180 Degrees.
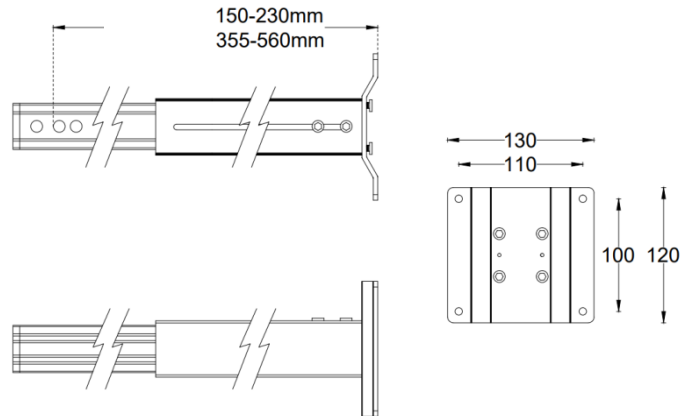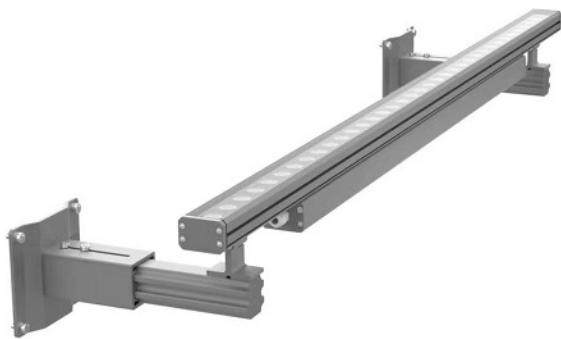
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50

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

ARKRGBW
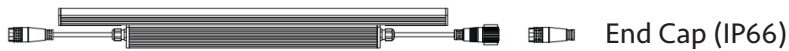# ANCHOR RGBW WALL WASHER
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WIRING GUIDE FOR ON/OFF

Power

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

Coupling for Daisy Chain

Extension Cable

End Cap (IP66)

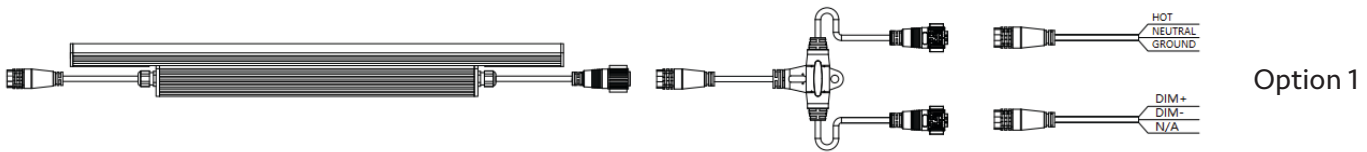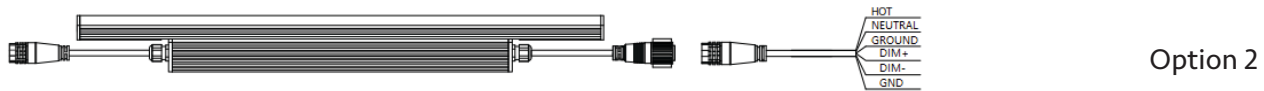| Product Image	Model	Length	Description	Cable End		Conductor Size
	ARK-PE-1	11.8				
	ARK-PE-2	23.6	Power Extension (ON/OFF)	Female	Male	3x16AWG
	ARK-PE-6	71				
	ARK-EC		ON/OFF			

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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
	ARK-PL-1	11.8				
	ARK-PL-6	78.7	Power Lead (ON/OFF)	Female	Bare Wire	3x16AWG
	ARK-PL-20	236.2				
	ARK-PL-50	590.5				
	ARK-DL-1	11.8				
	ARK-DL-6	78.7	Data Lead (0-10V, DALI)	Female	Bare Wire	3x16AWG + 3x22AWG
	ARK-DL-20	236.2				
	ARK-DL-50	590.5				
	ARK-LJ-T		Leading T-Joint (0-10V, DALI)			

Option 2

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

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COUPLING FOR DAISY CHAIN

Extension Cable

Power injection one:

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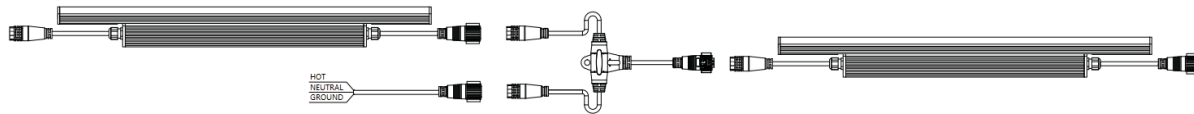
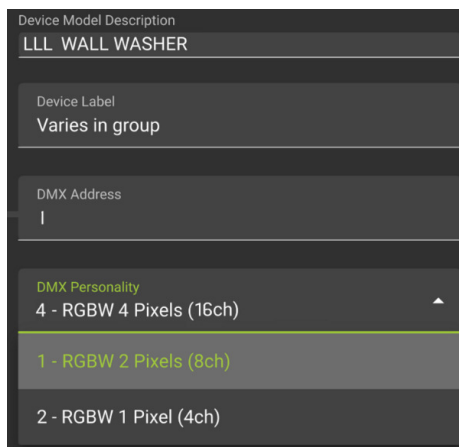| Product Image	Model	Length	Description	Cable End		Conductor Size
	ARK-PEDL-1	11.8	Power and Data Combined extension (0-10V, DALI)	Female	Male	3x16AWG + 3x22AWG
	ARK-PEDL-2	23.6				
	ARK-PEDL-6	71				
	ARK-PL		Power Injector (0-10V, DALI)			
	ARK-EC-D		End cap for Power loop out (0-10V, DALI)			

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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

Device Model Description
LLL WALL WASHER

Device Label
Varies in group

DMX Address
I

DMX Personality
4 - RGBW 4 Pixels (16ch)
1 - RGBW 2 Pixels (8ch)
2 - RGBW 1 Pixel (4ch)

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.