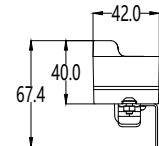
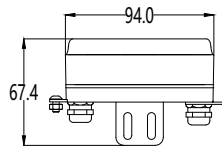
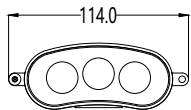


VL-FLWW-CTN03 (Grazer CATENA-3 series)



FEATURES

CATENA-3 series featuring an articulating design which allows for the uniform illumination of curved facades, walls and circular columns.

Optics & Electronics

Beam angle available in 10°, 15°, 20°, 25°, 30°, 40°, 45°, 10*25°, 15*20°, 15*25°, 15*35°, 15*45°, 15*50°, 15*60°, 20*50°, 25*35°, 25*45°, 30*60°.

LED with 3-step MacAdam and CRI 90+ guaranteeing consistency and high quality of light.

Customization





Endless fixture length configurations allow for the ultimate freedom of design.

Life Cycle


Long lifetime of L70B10>54,000 hours with 5-year warranty.

VL-FLWW-CTN03 (Grazer CATENA-3 series)




SPECIFICATION LOGIC						
FAMILY	POWER W/m	LENGTH / HEAD	CCT	BEAM ANGLE	FINISH	IP RATING
VL-FLWW-CTN03	42W/m	94mm	MONO  RGB  RGBW  DMX 	10D - 10° lens 15D - 15° lens 20D - 20° lens 25D - 25° lens 30D - 30° lens 40D - 40° lens 45D - 45° lens DB1 - 10°*25° lens DB2 - 15°*20° lens DB3 - 15°*25° lens DB4 - 15°*35° lens DB5 - 15°*45° lens DB6 - 15°*50° lens DB7 - 15°*60° lens DB8 - 20°*50° lens DB9 - 25°*35° lens DB10 - 25°*45° lens Db11 - 30°*60° lens	SIR - Silver	IP65


Order example: VL-FLWW-CTN03-927K-10D-SIR

PRODUCT SPECIFICATIONS 		
		MONO
Electrical	Power	42W/m (4.2W/module)
	Input Voltage	24VDC
Physical	Minimum Length	94mm
	Width x Height	42mm x 67,4mm
	Body Finish	Silver (standard)
	IK grade	IK06
	IP rating	IP65
	Cable Entry Options	Female and Male at both ends, or Male connector at one end.
Optical	Fixture Connections	Max. 3m in one end input
	Cover Type	Clear and HoneyComb
	Beam Angle	10°, 15°, 20°, 25°, 30°, 45°, 10*25°, 15*25°, 15*35°, 15*45°, 15*60°, 20*50°, 30*60°
	Lumen Output	336Lm (@3000K, 1module)
	Efficacy	80Lm/W (@3000K, 1module)
Temperature Range	Lumen Maintenance	L70B10 - 54,000 hours
	Storage Temperature	-20°Cmin, 60°Cmax
	Max Ambient Temperature	+55°C
	Min Ambient Temperature	-30°C

VL-FLWW-CTN03 (Grazer CATENA-3 series)



PRODUCT SPECIFICATIONS 		
		RGB
Electrical	Power	42W/m (4.2W/module)
	Input Voltage	24VDC
Physical	Minimum Length	94mm
	Width x Height	42mm x 67,4mm
	Body Finish	Silver (standard)
	IK grade	IK06
	IP rating	IP65
	Cable Entry Options	Female and Male at both ends, or Male connector at one end.
	Fixture Connections	Max. 3m in one end input
Optical	Cover Type	Clear and HoneyComb
	Beam Angle	15°,30°,40°,45°,15*20°,15*25°,15*50°,25*35°,25*45°
	Lumen Output	105Lm (RGB, 1module)
	Efficacy	25Lm/W (RGB, 1module)
	Lumen Maintenance	L70B10 - 54,000 hours
Temperature Range	Storage Temperature	-20°Cmin, 60°Cmax
	Max Ambient Temperature	+55°C
	Min Ambient Temperature	-30°C

PRODUCT SPECIFICATIONS 		
		RGBW
Electrical	Power	42W/m (4.2W/module)
	Input Voltage	24VDC
Physical	Minimum Length	94mm
	Width x Height	42mm x 67,4mm
	Body Finish	Silver (standard)
	IK grade	IK06
	IP rating	IP65
	Cable Entry Options	Female and Male at both ends, or Male connector at one end.
	Fixture Connections	Max. 3m in one end input
Optical	Cover Type	Clear and HoneyComb
	Beam Angle	15°,30°,40°,45°,15*20°,15*25°,15*50°,25*35°,25*45°
	Lumen Output	147Lm (RGBW, 1module)
	Efficacy	35Lm/W (RGBW, 1module)
	Lumen Maintenance	L70B10 - 54,000 hours
Temperature Range	Storage Temperature	-20°Cmin, 60°Cmax
	Max Ambient Temperature	+55°C
	Min Ambient Temperature	-30°C

VL-FLWW-CTN03 (Grazer CATENA-3 series)



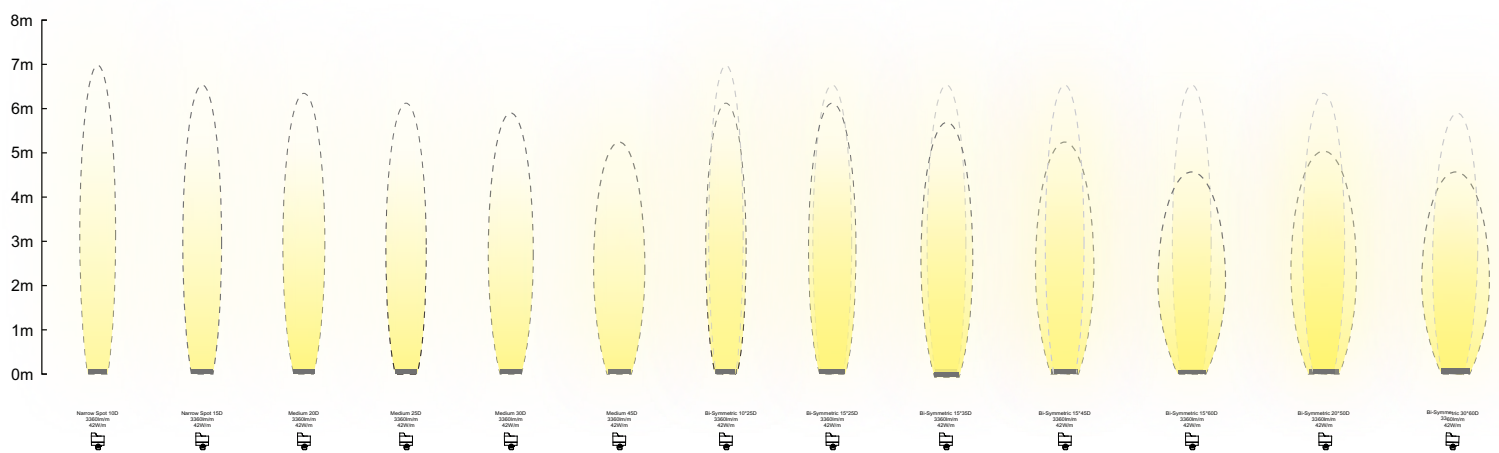
PRODUCT SPECIFICATIONS



		RGBW-DMX
Electrical	Power	42W/m (4.2W/module)
	Input Voltage	24VDC
Physical	Minimum Length	94mm
	Width x Height	42mm x 67,4mm
	Body Finish	Silver (standard)
	IK grade	IK06
	IP rating	IP65
	Cable Entry Options	Female and Male at both ends, or Male connector at one end.
	Fixture Connections	Max. 3m in one end input
Optical	Cover Type	Clear and HoneyComb
	Beam Angle	15°,30°,40°,45°,15*20°,15*25°,15*50°,25*35°,25*45°
	Lumen Output	147Lm (RGBW, 1module)
	Efficacy	35Lm/W (RGBW, 1module)
	Lumen Maintenance	L70B10 - 54,000 hours
Temperature Range	Storage Temperature	-20°Cmin, 60°Cmax
	Max Ambient Temperature	+55°C
	Min Ambient Temperature	-30°C

Light Distribution

Light distribution example

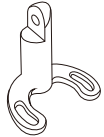


VL-FLWW-CTN03 (Grazer CATENA-3 series)



ACCESSORIES AND MOUNTING OPTIONS

BRACKET MOUNTING



EXAMPLES OF INSTALLATION



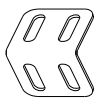
PART NUMBER

CTN03-BP

DETAILS

BM- Bracket mounting

WALL MOUNTING



EXAMPLES OF INSTALLATION



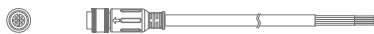
PART NUMBER

CTN03-WM

DETAILS

WM- Wall mounting

FEEDING POWER CABLE



EXAMPLES OF INSTALLATION

/

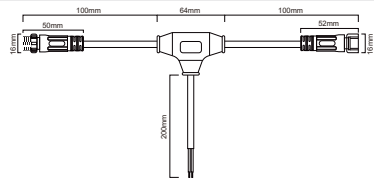
PART NUMBER

CTN03-FPC-_____MM-5P

DETAILS

FPC- Feeding power cable

T-TYPE CABLE



EXAMPLES OF INSTALLATION

-

PART NUMBER

CTN03 - TC

DETAILS

TC- T-type Cable

EXTENSION CABLE



EXAMPLES OF INSTALLATION

-

PART NUMBER

CTN03 -EC

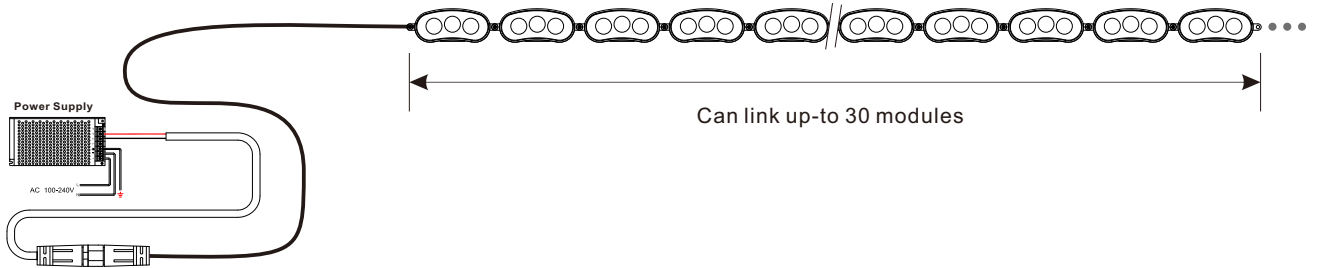
DETAILS

EC- Extension Cable

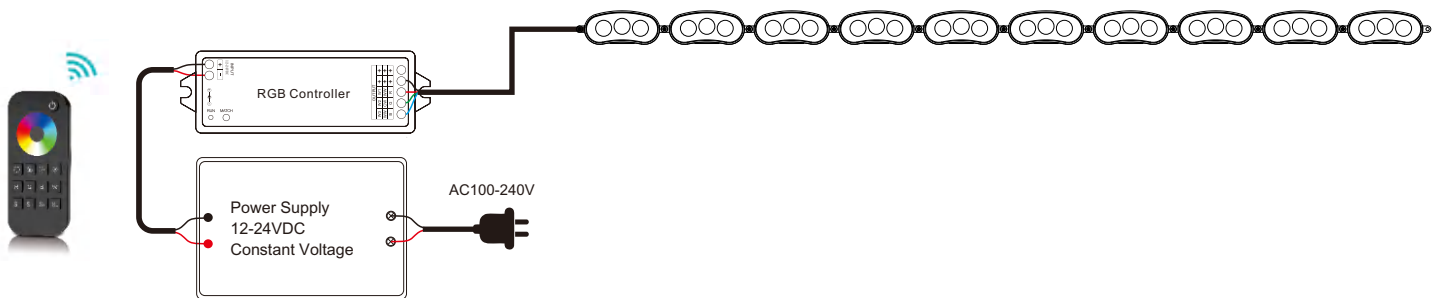
VL-FLWW-CTN03 (Grazer CATENA-3 series)

WIRING ELECTRICAL DIAGRAM

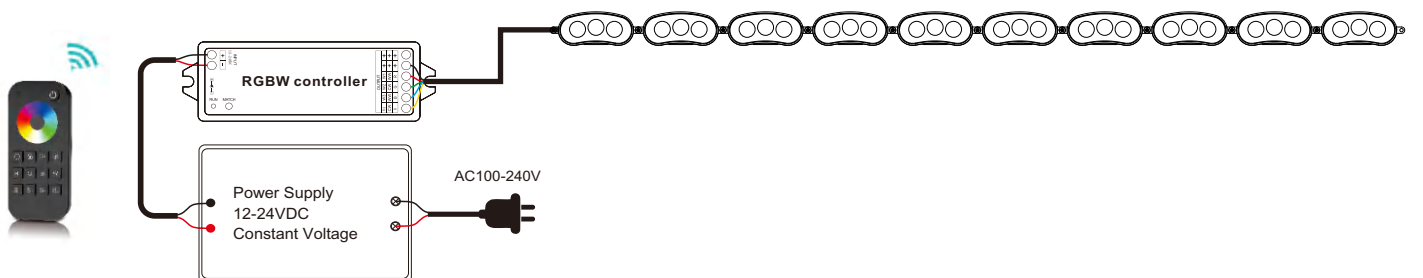
Mono



RGB



RGBW

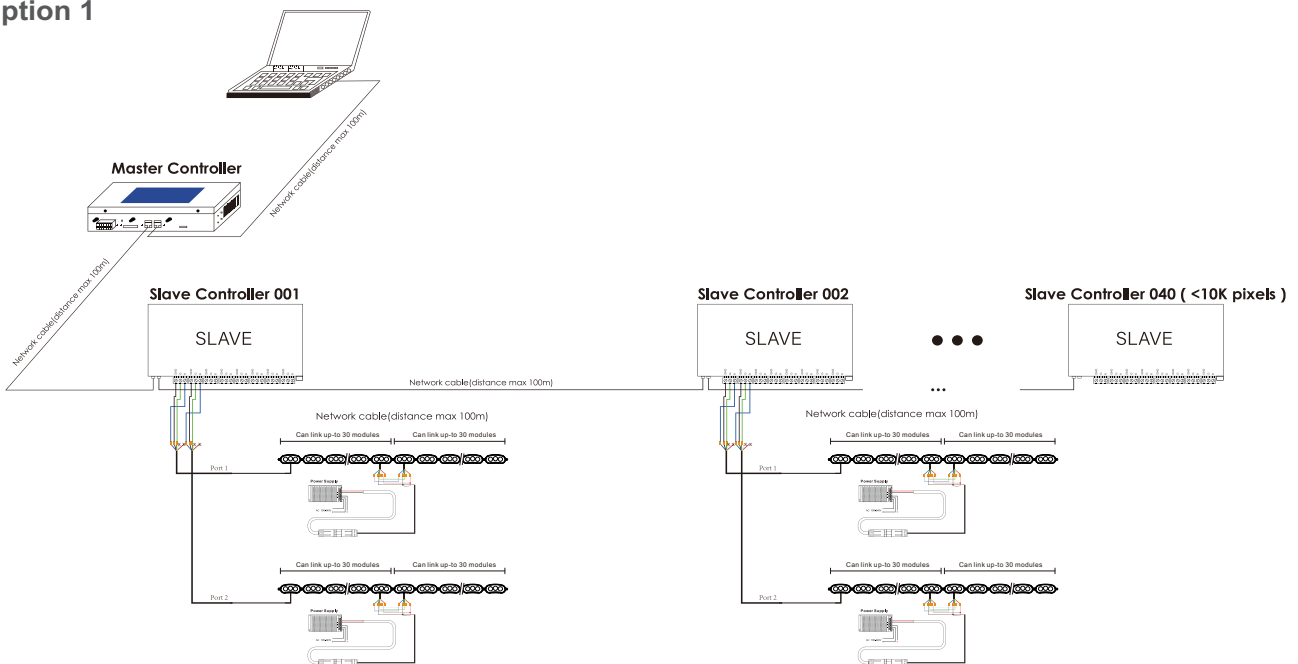


VL-FLWW-CTN03 (Grazer CATENA-3 series)

WIRING ELECTRICAL DIAGRAM

RGBW-DMX

Option 1



RGBW-DMX

Option 2

