

# PRODUCT SPECIFICATION SHEET

## Nova RGBW LED Illuminator



Rev. C8



Extremely high powered light output and full DMX control make the Nova an LED illuminator capable of competing with all traditional light source types.

Offering either full manual control or industry standard DMX to control the unit's color change effects, plus the option of adding a twinkle wheel and an RF remote control, this is the ultimate illuminator for powering decorative fiber optic effect lighting.

If a twinkle wheel is specified, it is sensor controlled so that it rotates back and forth and has a blank segment to allow for full light output.

A typical LED life of 50,000 hours and cool quiet running ensure that maintenance costs are reduced to almost nil.

Fitted with a standard 30mm (1.18") fiber port connector, this illuminator is suitable for both new installations and retro-fitting to existing fiber optic installations.



### GENERAL INFORMATION

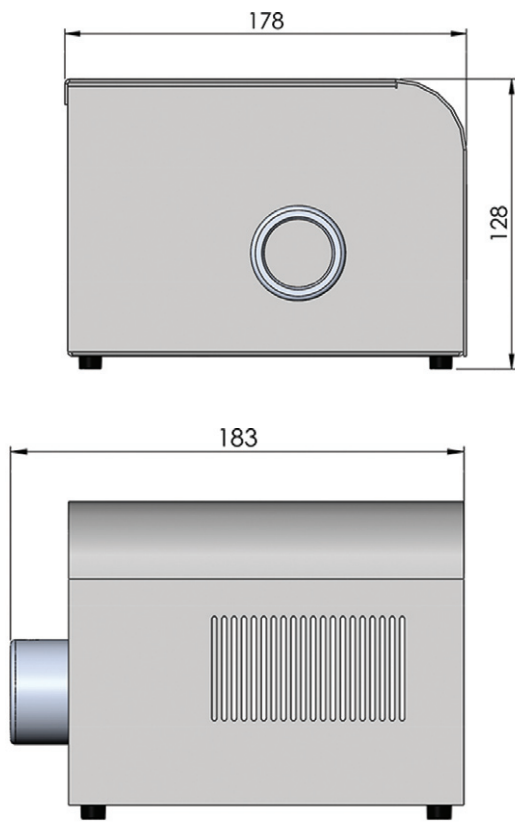
Port Connector Size	30mm (1.18") diameter
Fiber Type	Glass / PMMA
Material/Finish	Aluminum, powdercoated grey (RAL9006)
Dimensions (L x W x H)	183mm (7.2") x 178mm (7.0") x 128mm (5.0")
Weight	1.91kg (4.2lb)
Operating Environment	Indoor use - IP20
Min Ambient Temp.	-10°C (14°F)
Max Ambient Temp.	+45°C (113°F)

### LIGHTING AND CONTROL INFORMATION

Control Functionality	DMX, manual push-button and remote control options
DMX Interface	3 or 5 pin XLR sockets can be specified
DMX Addressing	User addressable to 512
DMX Channels	6 channels
Color Change Functionality	Controlled by DMX, manual push-button or remote control
Dimming Functionality	Controlled by DMX or remote control
Effects Wheels Options & Functionality	Twinkle wheel controlled by DMX or manual push-button operation.

### LED ARRAY DATA

LED Array Type	Custom RGBW array
LED Array Power	46W
LED Array Model	Luxeon 36 LED Array
LED Array Life (L70, B10)	50,000 hours typical @ 25°C
Red	615nm \ 700lm
Green	530nm \ 1160lm
Blue	460nm \ 315lm
White	6500K \ 1435lm



Note that drawing dimensions are shown in mm

## ELECTRICAL CHARACTERISTICS

Supply Voltage	90-264Vac
Mains Running Current	0.2A @ 240Vac
Mains Voltage VA rating	50VA
External PSU Type	Meanwell, 24V, 2.5A, 60W
Motor Type	Crouzet 829140 geared stepper motor
Fan Type	Sunon, 80mm, 22dBA

## RF REMOTE CHARACTERISTICS

RF Remote Frequency	2.4GHz
RF Remote Range	30m (98.4ft), depending on environment
RF Remote Power	2 x AAA batteries (supplied)

## AVAILABLE ACCESSORIES

MAS0403021R5	Weatherproof enclosure
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## ILLUMINATOR PRODUCT CODES

MODEL	COLOR TEMPERATURE		TWINKLE EFFECT		REMOTE CONTROL		SENSOR	
	6500K	65 DMX	Twinkle Wheel	T	Remote Control	R	Sensor	S
UFO NOVA			Not Required	X	Not Required	X		
UFO NOVA	-	-	-	-	-	-	-	-

e.g, UFO NOVA-65DMX-T-R-S

For models with a twinkle wheel, the wheel is supplied with a cut out segment. When in motion the wheel will give an uninterrupted twinkle by rotating backwards and forwards either side of the segment. When stop is selected the wheel will come to rest at the segment giving unobstructed white light output.

