



# Formidable [RC] Full Spectrum

RECESSED

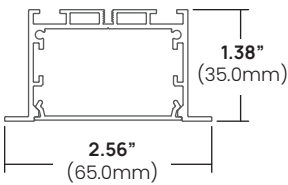


For use with Light Source.

## SPECIFICATIONS

Output Options	100 lm/ft
Watts per Foot (White Lens)	4W
Max Run Length (White Lens)	16.4ft
Light Color (CCT)	RGB+1800K+4000K
Color Rendering	Static White / 90+ / 3 SDCM
Beam Spread	120°
Lenses	White
Mounting	Spring Clip
Finish	Anodized Silver, Black, White
Input Voltage	24VDC (Power Supply: 120V-277VAC)
Dimming	0-10V, ELV, TRIAC
Dimensions	2.56" (65.00mm) x 1.38" (35.00mm)
Production Interval	0.16" (4mm)
Operating Temperature	-40°F (-40°C) to 140°F (60°C)
L70 Life Hours	50000
Warranty	5 Years

## FIXTURE DIMENSIONS



PROJECT NAME \_\_\_\_\_ FIXTURE TYPE \_\_\_\_\_ LOCATION \_\_\_\_\_



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WHITE LENS DELIVERED LM/FT



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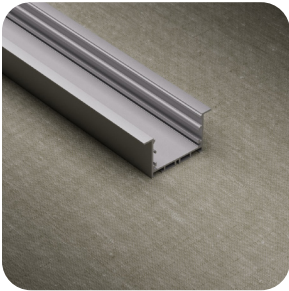
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## FORMIDABLE [RC] FULL SPECTRUM COMPONENTS

Formidable [RC] Profile

Full Spectrum LED Tape



PROJECT NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

LOCATION \_\_\_\_\_



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## PART NUMBER EXAMPLE

ILL-FR02-FS - I - RGB+1840K - 100 - WH - SG - SV - 50" - E2 - C  
+  
PS - UNIV - 24V - 100W - JBOX

## PART NUMBER BUILDER

SERIES	DRY/WET	CCT	OUTPUT	LENS	MOUNTING	FINISH
<b>ILL-FR02-FS</b>		<b>RGB+1840K</b>	<b>100</b>	<b>WH</b>	<b>SG</b>	
<b>iLuminate Formidable [RC] Full Spectrum</b>	I – Indoor O – Outdoor	<b>RGB+1840K</b> – RGB+ 1800K+ 4000K	<b>100</b> – 100 lm/ft	<b>WH</b> – White	<b>SG</b> – Spring Clip	<b>SV</b> – Anodized Silver <b>BK</b> – Black <b>WH</b> – White
LENGTH (IN)	START FEED		END FEED			
	DIRECTION	LENGTH	DIRECTION	LENGTH		
<i>Fixtures will be built as close to the requested length without going over based on 0.16" (4mm) production interval.</i>	<b>E</b> – End	<b>Blank</b> – Endcap	<b>E</b> – End	<b>Blank</b> – Endcap		
<i>Lengths longer than 78in will consist of multiple pieces of channel and lens to be assembled in the field to create the complete fixture length.</i>	<b>S</b> – Side	<b>2</b> – 2ft	<b>S</b> – Side	<b>2</b> – 2ft		
	<b>B</b> – Back	<b>5</b> – 5ft	<b>B</b> – Back	<b>5</b> – 5ft		
		<b>10</b> – 10ft	<b>C</b> – Endcap	<b>10</b> – 10ft		
		<b>15</b> – 15ft		<b>15</b> – 15ft		
		<b>20</b> – 20ft		<b>20</b> – 20ft		
		<b>25</b> – 25ft		<b>25</b> – 25ft		

## POWER SUPPLY

SERIES	CONTROL	VOLTAGE OUTPUT	MAX WATTAGE OUTPUT	FORM
<b>PS</b>		<b>24V</b>		
<b>iLuminate AC to DC Constant Voltage Power Supply</b>	<b>UNIV</b> – Universal 5-in-1 <b>DMX</b> – DMX512 Enabled <b>DALI</b> – DALI-2 Enabled <b>BLE</b> – Bluetooth Enabled	<b>24V</b> – 24VDC	<b>30W</b> – 30W <b>60W</b> – 60W <b>100W</b> – 100W <b>200W</b> – 100W × 2 <b>300W</b> – 100W × 3	<b>JBOX</b> – Dry/Damp Rated <b>IP66</b> – Wet Rated

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