



Castle [RC] Full Spectrum

RECESSED

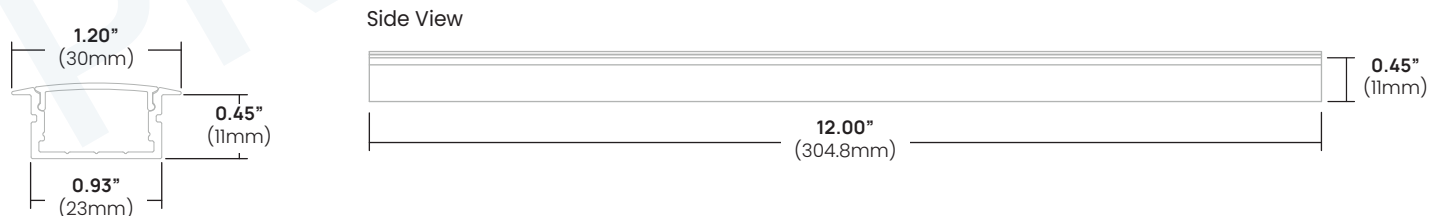


For use with Light Source.

SPECIFICATIONS

Output Options	100lm/ft	200lm/ft
Fixture Wattage (White Lens)	8W (All On)	—
Max Run Length (White Lens)	16.4ft	—
Fixture Wattage (Other Lenses)	4W (All On)	8W (All On)
Max Run Length (Other Lenses)	16.4ft	16.4ft
Light Color (CCT)		
Color Rendering	W: 90+ CRI	
Lenses	White, Frosted, Clear	
Mounting	Surface Mounting	
Finish	Anodized Silver, Black, White, Custom (Provide RAL #)	
Input Voltage	24VDC (Power Supply: 120VAC – 277VAC)	
Dimming	PWM, DMX512, DALI, Bluetooth	
Dimensions	1.20" (30mm) × 0.45" (11mm)	
Production Interval	4.00" (101.6mm)	
Operating Temperature	-4°F (-20°C) to 113°F (45°C)	

FIXTURE DIMENSIONS



PROJECT NAME _____ FIXTURE TYPE _____ LOCATION _____



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WHITE LENS DELIVERED LM/FT

	Red	Green	Blue	1800K	4000K
100lm/ft	34	48	23	120	120

FROSTED LENS DELIVERED LM/FT

	Red	Green	Blue	1800K	4000K
100lm/ft	30	42	20	105	105
200lm/ft	60	84	40	210	210

CLEAR LENS DELIVERED LM/FT

	Red	Green	Blue	1800K	4000K
100lm/ft	31	43	21	107	107
200lm/ft	61	86	41	214	214

PROJECT NAME _____

FIXTURE TYPE _____

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CASTLE [RC] FULL SPECTRUM COMPONENTS

Castle [RC] Profile



Full Spectrum LED Tape



PRELIMINARY

PROJECT NAME _____ FIXTURE TYPE _____ LOCATION _____



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PART NUMBER EXAMPLE

ILL-CA02-FS - I - RGB1840K - 100 - WH - - SV - 50" - E2 - C
+
PS - UNIV - 24V - 100W - JBOX

PART NUMBER BUILDER

SERIES	DRY/WET	CCT	OUTPUT	LENS	MOUNTING	FINISH
ILL-CA02-FS -		RGB1840K -			SF -	
ilLuminate Castle [RC] Full Spectrum	I - Indoor O - Outdoor	RGB1840K	100 - 100lm/ft 200 - 200lm/ft	WH - White Lens FR - Frosted Lens CL - Clear Lens	SF - Surface Mounting	SV - Silver BK - Black WH - White CU - Custom
LENGTH (IN)		START FEED DIRECTION		END FEED DIRECTION		
		LENGTH		LENGTH		
Fixtures will be built as close to the requested length without going over based on 4.00" (101.6mm) production interval.		E - End B - Back	Blank - Endcap 2 - 2ft 5 - 5ft 10 - 10ft 15 - 15ft 20 - 20ft 25 - 25ft	E - End B - Back C - Endcap Blank - Endcap 2 - 2ft 5 - 5ft 10 - 10ft 15 - 15ft 20 - 20ft 25 - 25ft		
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.						

POWER SUPPLY

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

PROJECT NAME _____ FIXTURE TYPE _____ LOCATION _____