



Castle [SF] Full Spectrum

SURFACE

ilLuminate
lighting

24V
DC

DRY
RATED

DAMP
RATED

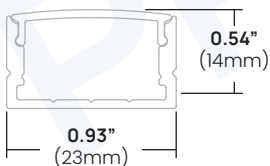
WET
RATED

For use with  Light Source.

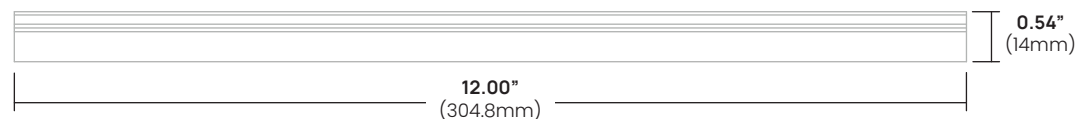
SPECIFICATIONS

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)	 RGB + 1800K + 4000K	
Color Rendering	W: 90+ CRI	
Lenses	White, Frosted, Clear	
Mounting	Clip, Pivot Clip	
Finish	Anodized Silver, Black, White, Custom (Provide RAL #)	
Input Voltage	24VDC (Power Supply: 120VAC – 277VAC)	
Dimming	PWM, DMX512, DALI, Bluetooth	
Dimensions	0.93" (23mm) × 0.54" (14mm)	
Production Interval	4.00" (101.6mm)	
Operating Temperature	-4°F (-20°C) to 113°F (45°C)	

FIXTURE DIMENSIONS



Side View



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 _____ LOCATION _____



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CASTLE [SF] FULL SPECTRUM COMPONENTS

Castle [SF] Profile



Full Spectrum LED Tape - Standard Density



PRELIMINARY

PROJECT NAME _____

FIXTURE TYPE _____

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PART NUMBER EXAMPLE

ILL-CA01-FS - I - RGB1840K - 100 - WH - MC - SV - 50" - E2 - C
+
PS - UNIV - 24V - 100W - JBOX

PART NUMBER BUILDER

SERIES	DRY/WET	CCT	OUTPUT	LENS	MOUNTING	FINISH
ILL-CA01-FS		RGB1840K				
ilLuminate Castle [SF] Full Spectrum	I - Indoor O - Outdoor	RGB1840K	100 - 100lm/ft 200 - 200lm/ft	WH - White Lens FR - Frosted Lens CL - Clear Lens	MC - Mounting Clip PV - Pivot Clip	SV - Silver BK - Black WH - White CU - Custom
LENGTH (IN)			DIRECTION	START FEED LENGTH	END FEED DIRECTION	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 _____