



Castle [RC] Static White

RECESSED



24V
DC

DRY
RATED

DAMP
RATED

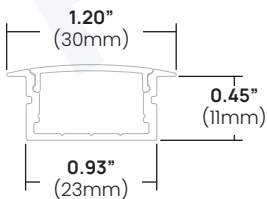
WET
RATED

For use with Light Source.

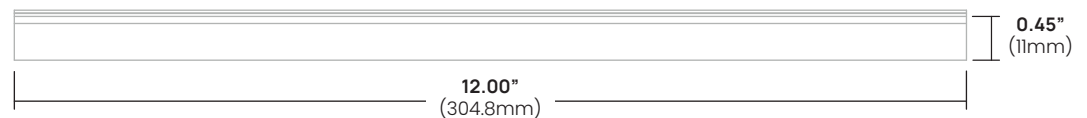
SPECIFICATIONS

Output Options	100lm/ft	300lm/ft	500lm/ft	750lm/ft	1000lm/ft
Fixture Wattage (White Lens)	1.7W	4.0W	8.5W	11.6W	—
Max Run Length (White Lens)	36ft	20ft	10ft	9ft	—
Fixture Wattage (Black Lens)	2.5W	8.5W	14.4W	—	—
Max Run Length (Black Lens)	29ft	12ft	7ft	—	—
Fixture Wattage (Other Lenses)	0.8W	2.5W	4.0W	6.4W	8.5W
Max Run Length (Other Lenses)	46ft	29ft	20ft	15ft	10ft
Light Color (CCT)	2700K	3000K	3500K	4000K	
Color Rendering	95+ CRI, 2-Step				
Lenses	White, Frosted, Clear, Black				
Mounting	Surface Mounting				
Finish	Anodized Silver, Black, White, Custom (Provide RAL #)				
Input Voltage	24VDC (Power Supply: 120VAC – 277VAC)				
Dimming	TRIAC, ELV, 0-10V, DMX, DALI, Bluetooth				
Dimensions	1.20" (30mm) × 0.45" (11mm)				
Production Interval	1.31" (33.3mm)				
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

	2700K	3000K	3500K	4000K
100lm/ft	127	137	164	146
300lm/ft	297	323	384	342
500lm/ft	573	597	651	645
750lm/ft	854	889	970	960

FROSTED LENS DELIVERED LM/FT

	2700K	3000K	3500K	4000K
100lm/ft	99	104	124	111
300lm/ft	347	376	446	401
500lm/ft	525	569	673	599
750lm/ft	792	822	901	896
1000lm/ft	1010	1040	1139	1139

CLEAR LENS DELIVERED LM/FT

	2700K	3000K	3500K	4000K
100lm/ft	99	104	124	111
300lm/ft	347	376	446	401
500lm/ft	525	569	673	599
750lm/ft	792	822	901	896
1000lm/ft	1010	1040	1139	1139

BLACK LENS DELIVERED LM/FT

	2700K	3000K	3500K	4000K
100lm/ft	112	122	146	130
300lm/ft	327	341	372	368
500lm/ft	496	516	563	557

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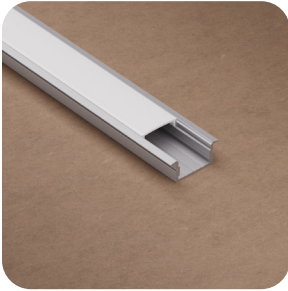
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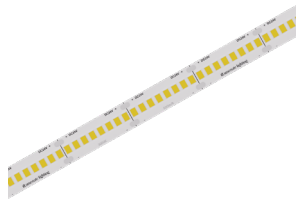


CASTLE [RC] STATIC WHITE COMPONENTS

Castle [RC] Profile



Static White LED Tape - High Density



PRELIMINARY

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PART NUMBER EXAMPLE

ILL-CA02-SW - I - 27K - 100 - WH - SF - SV - 50" - E2 - C
+
PS - UNIV - 24V - 100W - JBOX

PART NUMBER BUILDER

SERIES	DRY/WET	CCT	OUTPUT	LENS	MOUNTING	FINISH			
ILL-CA02-SW					SF				
ilLuminate Castle [RC] Static White	I — Indoor	27K — 2700K	100 — 100lm/ft	WH — White Lens	SF — Surface Mounting	SV — Silver			
	O — Outdoor	30K — 3000K	300 — 300lm/ft	FR — Frosted Lens		BK — Black			
		35K — 3500K	500 — 500lm/ft	CL — Clear Lens		WH — White			
		40K — 4000K	750 — 750lm/ft	BK — Black Lens		CU — Custom			
			1000 — 1000lm/ft						
LENGTH (IN)		DIRECTION		START FEED	LENGTH	DIRECTION	END FEED	LENGTH	
<i>Fixtures will be built as close to the requested length without going over based on 1.31" (33.3mm) production interval.</i>		E — End		Blank	Endcap	E — End		Blank	Endcap
		B — Back		2	2ft	B — Back		2	2ft
				5	5ft	C — Endcap		5	5ft
				10	10ft			10	10ft
				15	15ft			15	15ft
<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>				20	20ft			20	20ft
				25	25ft			25	25ft

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	24V - 24VDC	30W - 30W	JBOX - Dry/Damp Rated
	DMX - DMX512 Enabled		60W - 60W	IP66 - Wet Rated
	DALI - DALI-2 Enabled		100W - 100W	
	BLE - Bluetooth Enabled		200W - 100W x 2	
			300W - 100W x 3	

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