



**Sabre - Recessed linear LED Lighting.** The Sabre recessed mounting low profile is perfectly suited for installation in furniture and cabinets.

## Ordering Code

Fixture	<b>555</b>	<b>615</b>					
	1	2	3	4	5	6	7
Driver		<b>24</b>					
	1	2	3	4	5		

## Product Specifications

**SAMPLE :** Fixture **555 - 615 - 500 - 030 - 27 - E36 - 6'** | Driver **902 - 24 - 025 - STD - 120**

1 - Type	2 - Model	3 - Lens	4 - LED Style <sup>*1/3</sup>				5 - CCT			
<b>555</b> · Profile	<b>615</b> · Sabre	<b>500</b> · Frosted <b>502</b> · Clear	Eco <b>030</b> · 110 <b>060</b> · 207 <b>095</b> · 329	Pro 56 <b>062</b> · 194 <b>117</b> · 376 <b>167</b> · 540 <b>219</b> · 706	Pro 112 <b>122</b> · 383 <b>175</b> · 559	RGB <sup>*2</sup> <b>RGB</b> · RGB	Eco <b>27</b> · 2700K <b>32</b> · 3200K <b>41</b> · 4100K	Pro 80 CRI <b>22</b> · 2200K <b>25</b> · 2500K	Pro 90 CRI <b>27</b> · 2700K <b>30</b> · 3000K <b>35</b> · 3500K <b>40</b> · 4000K <b>50</b> · 5000K	RGB <sup>*2</sup> <b>98</b> · RGB

6 - Feed Point	7 - Fixture Length <sup>*3</sup>	1 - Driver	2 - Output Voltage	3 - Wattage
<b>B36</b> · 36" Back Fed <b>E36</b> · 36" End Fed <b>BXX</b> · Custom Back Fed <b>EXX</b> · Custom End Fed	<b>XX</b> · Custom (XX.XX) <i>Continuous runs will be made in equal sections no more than 8' long</i>	<b>902</b> · Standard Driver <b>908</b> · Magnetic Low-Voltage	<b>24</b> · 24V	<b>025</b> · 25W <sup>*4</sup> <b>040</b> · 40W <b>060</b> · 60W <b>096</b> · 96W

4 - Control	Dim Level	Dim Level	5 - Input Voltage	Project :
<b>STD</b> · Standard Driver <b>DIM</b> · Magnetic Driver <sup>*5</sup> <b>LCS</b> · 0 - 10 Volt Protocol	N/A 1% 1%	<b>DALI</b> · Dali Protocol <sup>*6</sup> 0.1% <b>DMX</b> · SENSO 1% <b>LUTRON</b> · Lutron CV <sup>*6</sup> 0.1%	<b>120</b> · 120V <b>277</b> · 277V <b>347</b> · 347V <sup>*7</sup>	Quantity : _____ Type : _____ Notes : _____

\*1 Measured in Lm/ft  
\*2 DMX driver required  
\*3 Refer to page 2 for LED cut length intervals  
\*4 Not available with 908 Driver  
\*5 Only available with 908 driver and 120V  
\*6 Only available in 96W  
\*7 Not available in DALI, LUTRON or DMX

## 24V Linear LED Light Source

	STYLE	WATT/FT	LUMENS/FT	CRI	MAX. LENGTH	CUT LENGTH	LED/FT	Color TEMPERATURE	DESCRIPTION
<b>ECO</b>	<b>030</b>	1.46	110	83	16.4'	3.94"	18	2700K, 3200K, 4100K	Versatile strip with 3 LED densities, 3 color temperatures and a CRI of 83
	<b>060</b>	2.93	207	83	16.4'	1.97"	36		
	<b>095</b>	4.39	329	83	16.4'	3.94"	18		
<b>PRO 56</b>	<b>062</b>	1.5	194	80/90	32.8'	4.92"	17	<b>80 CRI</b> 2200K, 2500K	Even LED layout (56 led/m - 17 led/ft) for balanced performance and efficiency
	<b>117</b>	2.9	376	80/90	16.4'	4.92"	17		
	<b>167</b>	4.4	540	80/90	13.1'	4.92"	17		
	<b>219</b>	5.9	706	80/90	9.84'	4.92"	17		
<b>PRO 112</b>	<b>122</b>	2.9	383	80/90	23.0'	2.46"	34	<b>90 CRI</b> 2700K, 3000K, 3500K, 4000K, 5000K	Dense LED layout (112 led/m - 34 led/ft) creates no dots with frosted lens
	<b>175</b>	4.4	559	80/90	14.75'	2.46"	34		
	<b>RGB</b>	<b>RGB</b>	4.39	204	-	16.4'	3.94"		

\* Lumen output based on 3000K / 90CRI. For other output information, please consult SENSIO.

## Key LED Strip Features

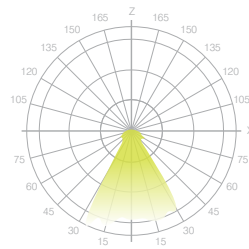
- 3 STEP MacAdam LEDs or Single Bin LEDs
- Stabilized current design
- LED strip efficacy up to 171 lm/W
- Only 8 mm width
- 24V DC voltage input
- Reverse voltage protection
- Thermal conductive adhesive on back side for better heat conduction
- 50,000 hour life expectancy

## Lens/Light Distribution

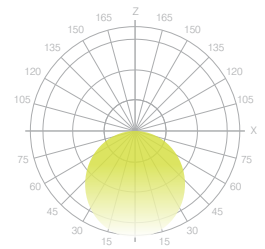
part number **500** (frosted 65% transparent)  
**502** (clear 95% transparent)

- PMMA construction
- Easily clipped in profile
- Comes precut to match profile length
- Flush

**Clear Lens**



**Frosted Lens**



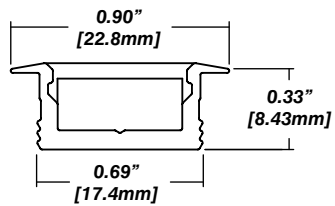
## Construction

- Housing: Aluminum extrusion
- Made in Canada

## Installation

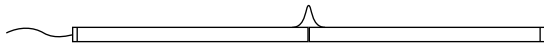
- Factory assembled for easy and fast installation
- Electrical wire included

## Dimensions



## Joining Sections

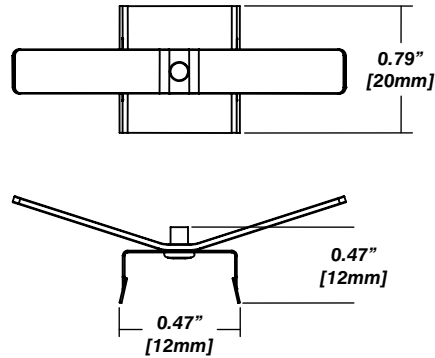
- Typical 2" backfed jumper on runs over 8'



## Mounting Clip

part number **555-615-20**

- Steel construction
- Profile is mounted flush to surface
- Not visible once installed



## Drivers for Linear Aluminum Profile

### Driver Data

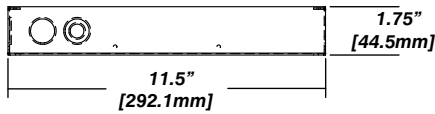
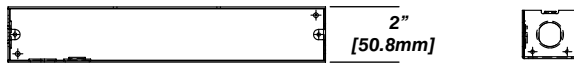
Driver	Output Voltage	Input voltage	Wattage	Efficiency @ Max Load	Power Factor	Dim Level	Dim Protocol
<b>STD</b>	24V	120V, 277V, 347V	25W - 96W	86%	>0.90	N/A	N/A
<b>DIM</b>		120V	40W - 96W	>90%	>0.95	1%	Magnetic
<b>LCS</b>		120V, 277V	60W - 96W	>87%	>0.95	10%	0-10V
<b>DALI</b>		120V, 277V	96W	>0.94	0.1%	DALI	
<b>DMX</b>		120V, 277V	96W	1%	DMX		
<b>LUTRON</b>		120V, 277V	96W	90%	>0.99	0.1%	ECO System

### Features

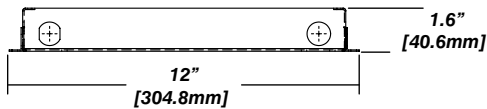
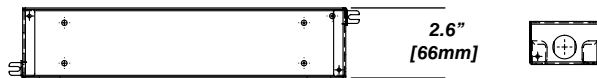
- CSA Approved
- Class 2, Class P
- Auto-reset protection for short circuit and over-temperature
- Overload protection

### STD / DMX

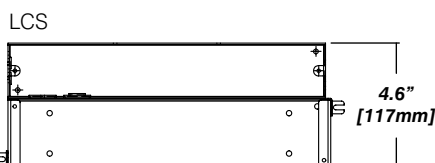
DMX requires decoder



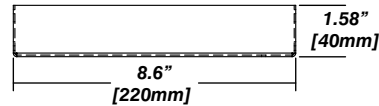
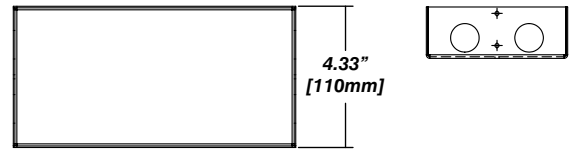
### LCS



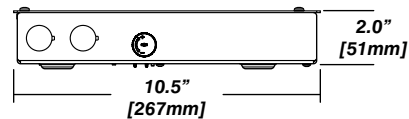
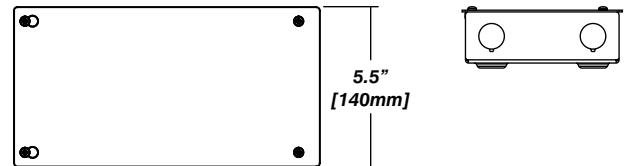
### 347V



### DALI



### LUTRON



### DIM

