

Katana - Low Profile Linear LED Lighting. The Katana is a simple extrusion with a low profile, creating options for lighting effects in unique locations without sacrificing functionality.

Ordering Code

Fixture	555	815					
	1	2	3	4	5	6	7
Driver		24					
	1	2	3	4	5		

Product Specifications

SAMPLE : Fixture **555 - 815 - 500 - 030 - 27 - E36 - 6'** | Driver **902 - 24 - 025 - STD - 120**

1 - Type	2 - Model	3 - Lens	4 - LED Style*1/3				5 - CCT			
555 · Profile	815 · Katana	500 · Frosted 502 · Clear 509 · High Frosted	Eco 030 · 110 060 · 207 095 · 329	Pro 56 062 · 194 117 · 376 167 · 540 219 · 706	Pro 112 122 · 383 175 · 559	RGB*2 RGB · RGB	Eco 27 · 2700K 32 · 3200K 41 · 4100K	Pro 80 CRI 22 · 2200K 25 · 2500K	Pro 90 CRI 27 · 2700K 30 · 3000K 35 · 3500K 40 · 4000K 50 · 5000K	RGB*2 98 · RGB

6 - Feed Point	7 - Fixture Length*3	1 - Driver	2 - Output Voltage	3 - Wattage
B36 · 36" Back Fed E36 · 36" End Fed BXX · Custom Back Fed EXX · Custom End Fed	XX · Custom (XX.XX) <i>Continuous runs will be made in equal sections no more than 8' long</i>	902 · Standard Driver 908 · Magnetic Low-Voltage	24 · 24V	025 · 25W*4 040 · 40W*5 060 · 60W 096 · 96W

4 - Control	Dim Level	Dim Level	5 - Input Voltage	
STD · Standard Driver DIM · Magnetic Driver*6 LCS · 0 - 10 Volt Protocol	N/A 1% 1%	DALI · Dali Protocol*7 0.1% DMX · SENSO 1% LUTRON · Lutron CV*7 0.1%	120 · 120V 277 · 277V 347 · 347V*8	Project : _____ 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 DIM Driver

*6 Only available with 908 driver and 120V

*7 Only available in 96W

*8 Not available in ELDO, LUTRON or DMX

24V Linear LED Light Source

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

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

Key LED Strip Features

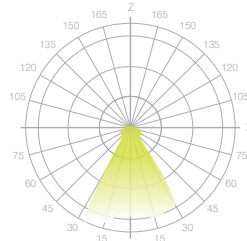
- 3 STEP MacAdam LEDs or Single Bin LEDs
- Stabilized current design
- LED strip efficacy up to 171 lm/W
- Only 8 mm width
- 24V DC voltage input
- Reverse voltage protection
- Thermal conductive adhesive on back side for better heat conduction
- 50,000 hour life expectancy

Lens/Light Distribution

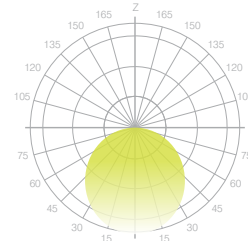
part number **500** (frosted 65% transparent)
502 (clear 95% transparent)
509 (frosted 65% transparent)

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

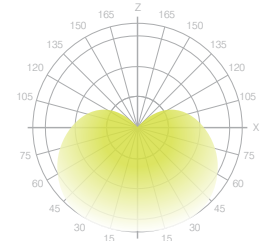
Clear Lens



Frosted Lens



High Frosted Lens



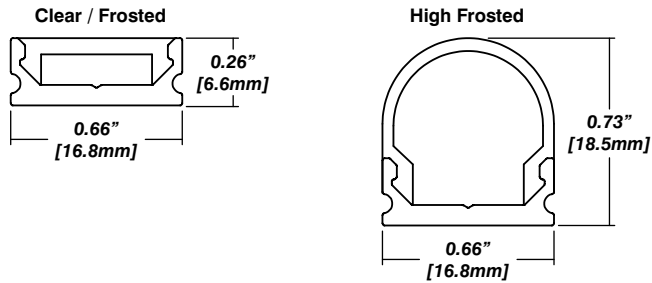
Construction

- Housing: Aluminum extrusion
- Made in Canada

Installation

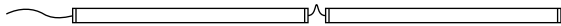
- Factory assembled for easy and fast installation
- Electrical wire included

Dimensions



Joining Sections

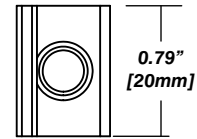
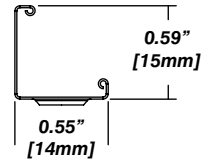
- Typical 2" jumper on runs over 8'



45° Mount Clip

part number **555-815-21**

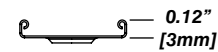
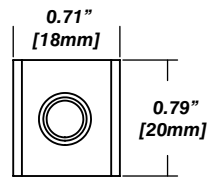
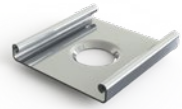
- Steel construction
- Profile is mounted flush to surface
- Not visible once installed



Flush Mount Clip

part number **555-815-20**

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



Drivers for Linear Aluminum Profile

Driver Data

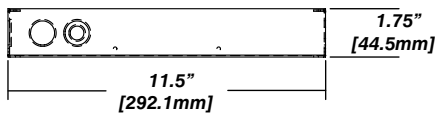
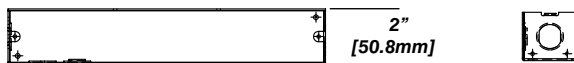
Driver	Output Voltage	Input voltage	Wattage	Efficiency @ Max Load	Power Factor	Dim Level	Dim Protocol
STD	24V	120V, 277V, 347V	25W - 96W	86%	>0.90	N/A	N/A
DIM		120V	40W - 96W	>90%	>0.95	1%	Magnetic
LCS		120V, 277V, 347V	60W - 96W	>87%	>0.95	10%	0-10V
DALI		120V, 277V	96W	>0.94	0.1%	DALI	
DMX		120V, 277V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

Features

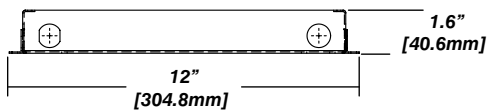
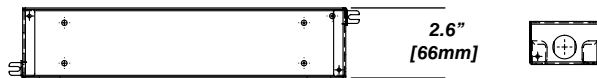
- CSA Approved
- Class 2, Class P
- Auto-reset protection for short circuit and over-temperature
- Overload protection

STD / DMX

DMX requires decoder



LCS

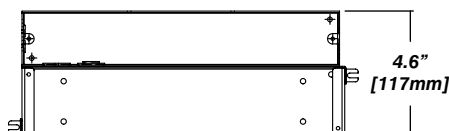


347V

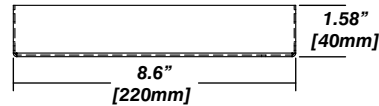
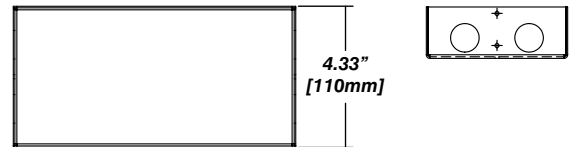
STD



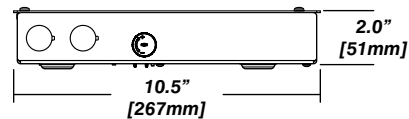
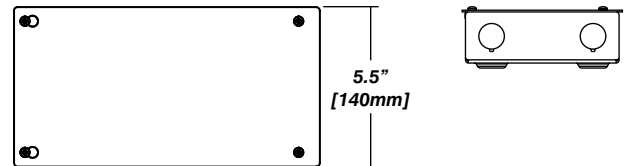
LCS



DALI



LUTRON



DIM

