

EXCALIBUR



Excalibur - Linear LED Lighting. The Excalibur is a 45 degree surface mount profile that allows you to have specific directional light for your applications.

Ordering Code

Fixture	555	315					
	1	2	3	4	5	6	7
Driver		24					
	1	2	3	4	5		

Product Specifications

SAMPLE : Fixture **555 - 315 - 500 - 030 - 27 - E36 - 6'** | Driver **902 - 24 - 025 - STD - 120**

1 - Type	2 - Model	3 - Lens	4 - LED Style*1/3				
555 · Profile	315 · Excalibur	500 · Frosted 502 · Clear	Eco 030 · 110 060 · 207 095 · 329 120 · 433	Pro 56 062 · 194 117 · 376 167 · 540 219 · 706	Pro 112 122 · 383 175 · 559 221 · 742 271 · 910 382 · 1235	Controlled White*2 CT1 · 1059	RGB*2 RGB · RGB RGBW · RGB+W

5 - CCT			6 - Feed Point	7 - Fixture Length*3	1 - Driver	
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	Controlled White*2 CT · 2000 - 5700K RGB*2 98 · RGB 99 · RGB+W	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

2 - Output Voltage	3 - Wattage	4 - Control		5 - Input Voltage	
			Dim Level	Dim Level	
24 · 24V	025 · 25W*4 040 · 40W 060 · 60W 096 · 96W	STD · Standard Driver DIM · Magnetic Driver*5 LCS · 0 - 10 Volt Protocol	N/A 1% 1%	DALI · Dali Protocol*6 0.1% DMX · SENSO 1% LUTRON · Lutron CV*6 0.1%	120 · 120V 277 · 277V 347 · 347V*7

*1 Measured in Ln/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 or LUTRON

Project : _____

Quantity : _____

Type : _____

Notes : _____

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		
	120	5.85	433	83	16.4'	0.98"	73		
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		
	221	5.9	742	80/90	11.5'	2.46"	34		
	271	7.3	910	80/90	9.8'	2.46"	34		
	382	10.2	1235	80/90	6.55'	2.46"	34		
Controlled White	CT1	10.67	1059	85	14.75'	3.54"	40	2000K - 5700K	Color Tunable led strip with a warm/cool range from 2000K to 5700K
RGB	RGB	4.39	204	-	16.4'	3.94"	18	-	Individually control Red, Green, Blue and White (white only with RGB+W)
	RGB+W	6.78	364	-	10.7'	3.54"	81		

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

Key LED Strip Features

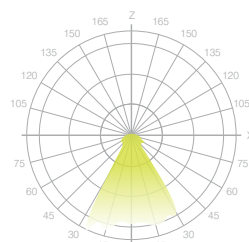
- 3 STEP MacAdam LEDs or Single Bin LEDs
- Stabilized current design
- LED strip efficacy up to 171 lm/W
- Only 8 mm width
- 24V DC voltage input
- Reverse voltage protection
- Thermal conductive adhesive on back side for better heat conduction
- 50,000 hour life expectancy

Lens/Light Distribution

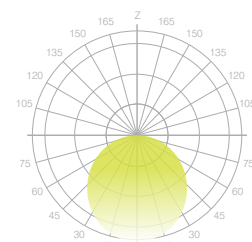
part number **500** (frosted 65% transparent)
502 (clear 95% transparent)

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

Clear Lens



Frosted Lens



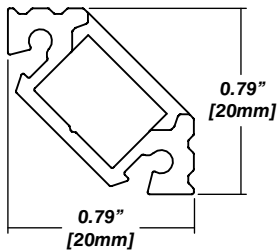
Construction

- Housing: Aluminum extrusion
- Made in Canada

Installation

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

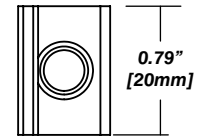
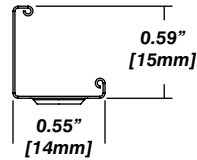
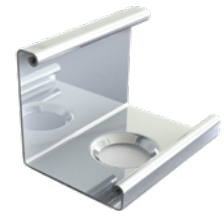
Dimensions



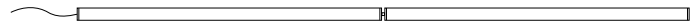
45° Mount Clip

part number **555-315-20**

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



Joining Sections



Drivers for Linear Aluminum Profile

Driver Data

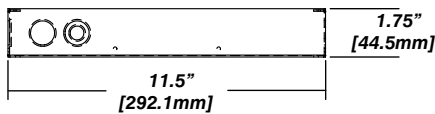
Driver	Output Voltage	Input voltage	Wattage	Efficiency @ Max Load	Power Factor	Dim Level	Dim Protocol	
STD	24V	120V, 277V, 347V	25W - 96W	86%	>0.90	N/A	N/A	
DIM		120V	40W - 96W	>90%	>0.95	1%	Magnetic	
LCS		120V, 277V, 347V	60W - 96W	>87%	>0.95	10%	0-10V	
DALI		120V, 277V	96W			>0.94	0.1%	DALI
DMX		120V,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

Features

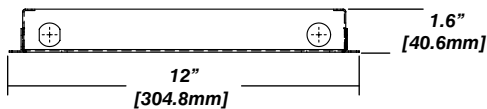
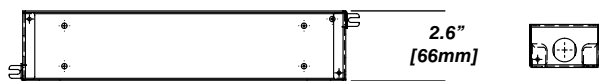
- CSA Approved
- Class 2, Class P
- Auto-reset protection for short circuit and over-temperature
- Overload protection

STD / DMX

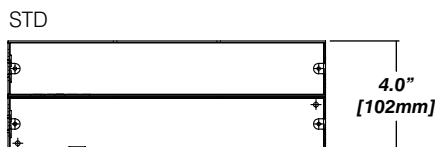
DMX requires decoder



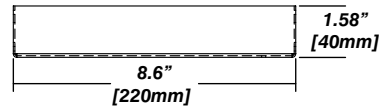
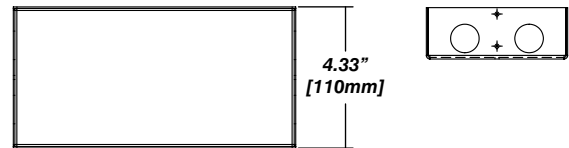
LCS



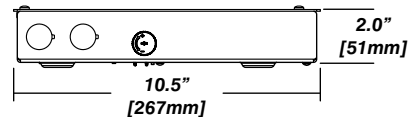
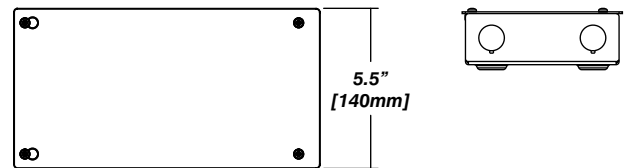
347V



DALI



LUTRON



DIM

