

DAGGER

SURFACE MOUNT



Dagger - Linear LED system. Wherever a technically straightforward, economic linear lighting is needed, DAGGER is the ideal solution. The flexible LED modules are available in per-assembled configurations in defined lengths and can be built to any special length for the clients requirements. This not only offers tremendous advantages for installation but also ensures the look you designed the linear lighting into the space.

Ordering Code

Fixture	565	135						
	1	2	3	4	5	6	7	8
Driver		24						
	1	2	3	4	5			

Product Specifications

SAMPLE : Fixture **565 - 135 - 500 - 030 - 27 - 02 - E36 - 6'** | Driver **902 - 24 - 025 - STD - 120**

1 - Type	2 - Model	3 - Lens	4 - LED Style ^{*1/3}				
565 · Profile	135 · Dagger	500 · Frosted	Eco	Pro 56	Pro 112	Controlled White ^{*2}	RGB ^{*2}
		502 · Clear	030 · 110	062 · 194	122 · 383	CT1 · 1059	RGB · RGB
		512 · Black	060 · 207	117 · 376	175 · 559		RGBW · RGB+W
			095 · 329	167 · 540	221 · 742		
			120 · 433	219 · 706	271 · 910	382 · 1235	

5 - CCT				6 - Finish	7 - Feed Point	8 - Fixture Length ^{*3}	
Eco	Pro 80 CRI	Pro 90 CRI	Controlled White ^{*2}	RGB ^{*2}	01 · White	B36 · 36" Back Fed	XX · Custom (XX.XX) <i>Continuous runs will be made in equal sections no more than 8' long</i>
27 · 2700K	22 · 2200K	27 · 2700K	CT1 · 2000 - 5700K	98 · RGB	02 · Black	E36 · 36" End Fed	
32 · 3200K	25 · 2500K	30 · 3000K		99 · RGB+W	08 · Silver	BXX · Custom Back Fed	
41 · 4100K		35 · 3500K			XX · Custom	EXX · Custom End Fed	
		40 · 4000K					
		50 · 5000K					NOTE: For Channels and Lenses over 90", incremental shipping charges will apply

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

*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
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		
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	White LED 90 CRI / 3000K	Individually control Red, Green, Blue and White (white only with RGB+W)
	RGB+W	5.85	263	-	13.1'	4.92"	15		

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

Key LED Strip Features

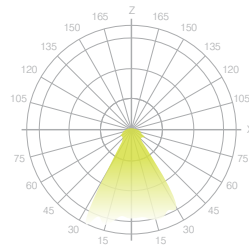
- 3 STEP MacAdam LEDs or Single Bin LEDs
- Stabilized current design
- LED strip efficacy up to 171 lm/W
- Only 8 mm width
- 24V DC voltage input
- Reverse voltage protection
- Thermal conductive adhesive on back side for better heat conduction
- 50,000 hour life expectancy

Lens/Light Distribution

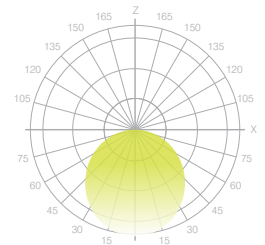
part number **500** (frosted 65% transparent)
502 (clear 95% transparent)

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

Clear Lens



Frosted Lens



DAGGER

SURFACE MOUNT

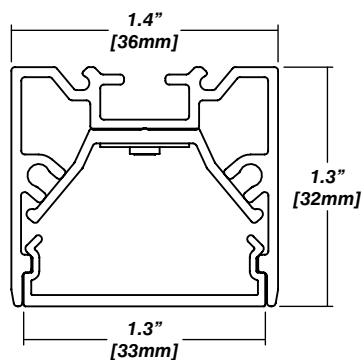
Construction

- Housing: Aluminum extrusion
- Made in Canada

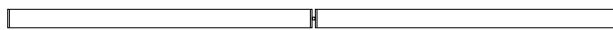
Installation

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

Dimensions

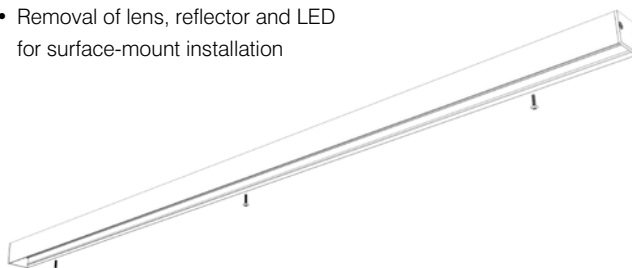


Joining Sections



Mounting

- Removal of lens, reflector and LED for surface-mount installation



Drivers for Linear Aluminum Profile

Driver Data

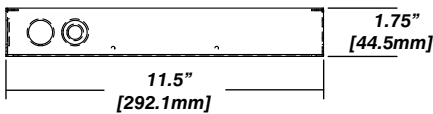
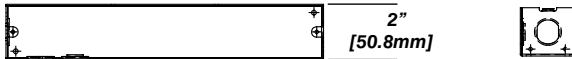
Driver	Output Voltage	Input voltage	Wattage	Efficiency @ Max Load	Power Factor	Dim Level	Dim Protocol
STD	24V	120V, 277V, 347V	25W - 96W	86%	>0.90	N/A	N/A
DIM		120V	40W - 96W	>90%	>0.95	1%	Magnetic
LCS		120V, 277V, 347V	60W - 96W	>87%	>0.95	10%	0-10V
DALI		120V, 277V	96W	>0.94	0.1%	DALI	
DMX		120V, 277V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

Features

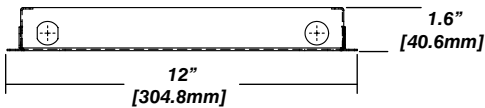
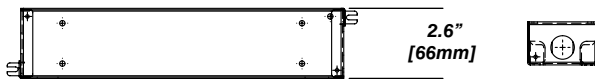
- CSA Approved
- Class 2, Class P
- Auto-reset protection for short circuit and over-temperature
- Overload protection

STD / DMX

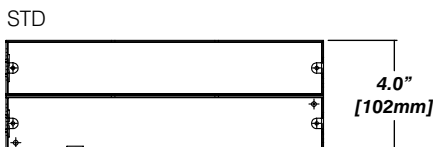
DMX requires decoder



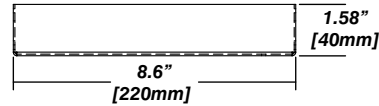
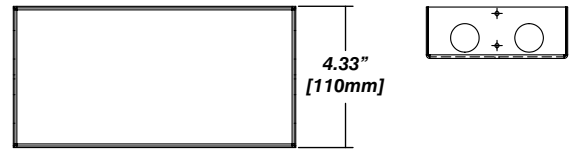
LCS



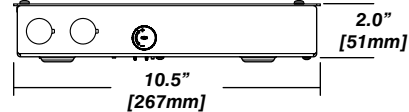
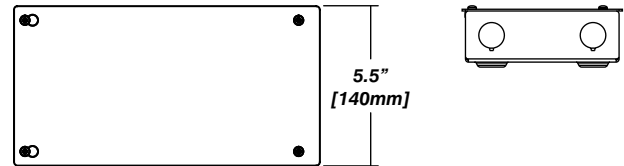
347V



DALI



LUTRON



DIM

