

DAGGER

SUSPENDED



Dagger - Suspended 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	136							
	1	2	3	4	5	6	7	8	9
Driver			24						
	1	2	3	4	5	6			

Product Specifications

SAMPLE : Fixture **565 - 136 - 500 - 02 - 030 - 27 - 5 - 6'** | Driver **953 - 02 - 24 - 060 - STD - 120**

1 - Type	2 - Model	3 - Lens	4 - LED Style ^{*1/3}				
565 · Profile	136 · Dagger Suspended	500 · Frosted 502 · Clear 512 · Black	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 - Finish	7 - Backplate	8 - Suspension Length	9 - Fixture Length ^{*3}
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} CT1 · 2000 - 5700K RGB ^{*2} 98 · RGB 99 · RGB+W	01 · White 02 · Black 08 · Silver XX · Custom	0 · None B · Backplate	5 · 5' 8 · 8' <i>Contact SENSO for custom length</i>	XX · Custom (XX.XX) <i>Continuous runs will be made in equal sections no more than 8' long</i>

1 - Canopy	2 - Canopy Colour	3 - Output Voltage	4 - Wattage	5 - Driver	Dim Level	6 - Input Voltage
921 · Remote driver 953 · Integrated Driver	01 · White 02 · Black 08 · Silver XX · Custom	24 · 24V	060 · 60W 096 · 96W	STD · Standard Driver DIM · Magnetic Driver ^{*4} LCS · 0 - 10 Volt Protocol ^{*5} ELDODA · Dali Protocol ^{*5/6} DMX · SENSO ^{*5} LUTRON · Lutron CV ^{*5/6}	N/A 1% 10% 0.1% 1% 0.1%	120 · 120V 277 · 277V 347 · 347V ^{*5/7}

*1 Measured in Lm/ft

*2 DMX driver required

*3 Refer to page 2 for LED cut length intervals

*4 120V only

*5 Remote driver required

*6 Only available in 96W

*7 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		
	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	-	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

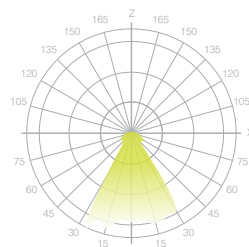
- 3 STEP MacAdam LEDs or Single Bin LEDs
- Stabilized current design
- LED strip efficacy up to 171 lm/W
- Only 8 mm width
- 24V DC voltage input
- Reverse voltage protection
- Thermal conductive adhesive on back side for better heat conduction
- 50,000 hour life expectancy

Lens/Light Distribution

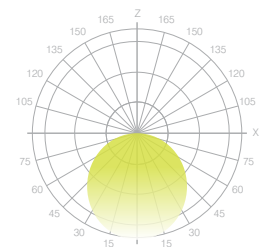
part number **500** (frosted 65% transparent)
502 (clear 95% transparent)

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

Clear Lens



Frosted Lens



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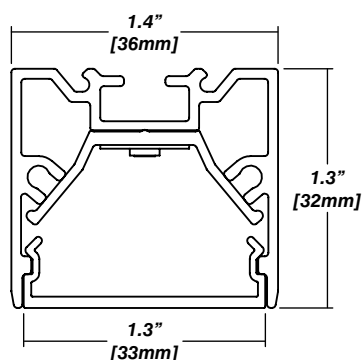
Installation

- Factory assembled for easy and fast installation
- Easy wiring, profiles sections connect directly to each other via connectors (or using a connector equipped jumped wire)
- Caps included

Construction

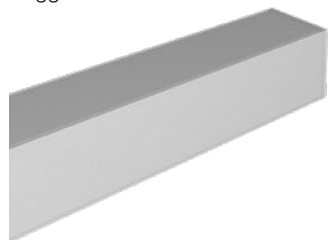
- Powder coated in white, black or silver
- Housing: Aluminum extrusion
- Made in Canada

Dimensions



Backplate

Dagger with Lid



Dagger without Lid



Remote Driver Canopy

part number **921**

- Aluminium feed canopy
- Aircraft cable holder
- For remote driver mounting only
- W - Ø5" [125mm]
- H - 0.65" [16.7mm]



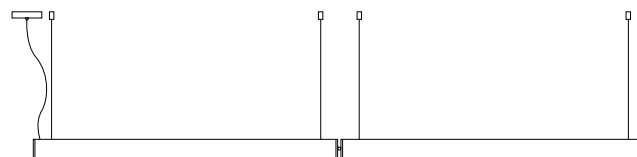
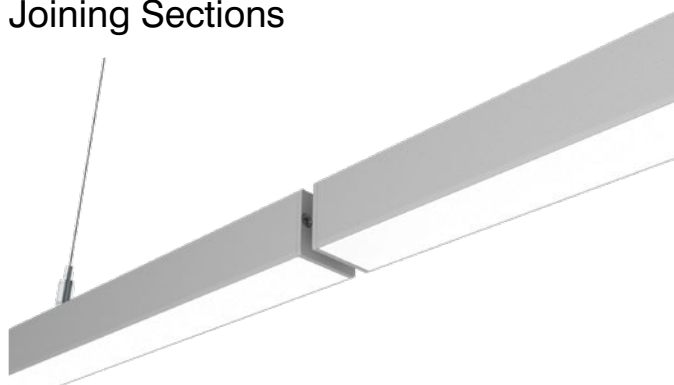
Canopy with Driver

part number **953**

- Extruded aluminium cover
- Machined aluminium connector
- Aircraft cable holder
- Cable and driver included
- Input voltage 120V - 277V (DIM 120V only)
- Output up to 96W and 24V
- WxL - 7.7" [195mm] x 5.4" [138mm]
- H - 1.6" [40mm]



Joining Sections



Drivers for Linear Aluminum Profile

Driver Data

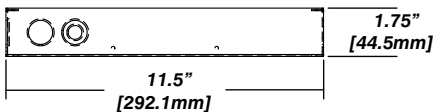
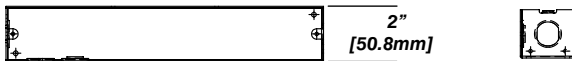
Driver	Output Voltage	Input voltage	Wattage	Efficiency @ Max Load	Power Factor	Dim Level	Dim Protocol
STD	24V	120V, 277V, 347V	60W, 96W	86%	>0.90	N/A	N/A
DIM		120V	60W, 96W	>90%	>0.95	1%	Magnetic
LCS		120V, 277V, 347V	60W, 96W	>87%	>0.95	10%	0-10V
ELDODA		120V, 277V	96W	>0.94	0.1%	DALI	
DMX		120V, 277V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

Features

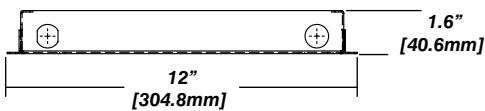
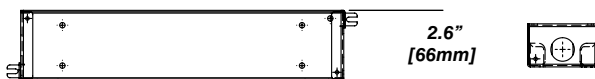
- CSA Approved
- Class 2, Class P
- Auto-reset protection for short circuit and over-temperature
- Overload protection

STD / DMX

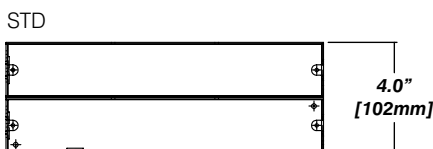
DMX requires decoder



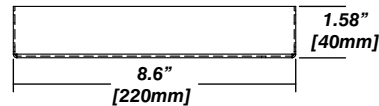
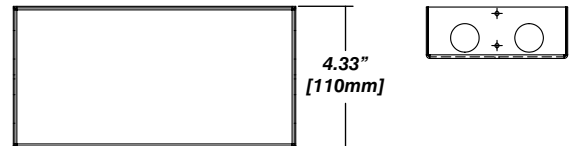
LCS



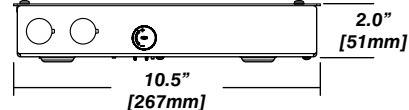
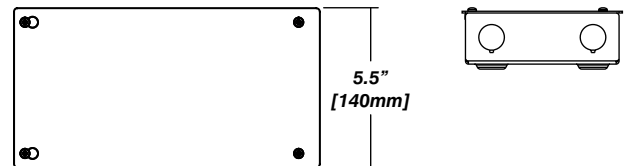
347V



ELDODA



LUTRON



DIM

