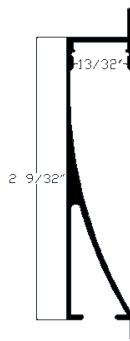


# LA01 | Recessed Aluminum Extrusion



LA01 combines a hidden light source with a smooth angle in the extrusion to throw light on floors, walkways, stairs, and ceilings. Is mostly mounted about 12-18" above the floor/stairs or below the ceiling. Can fit into 5/8" drywall and is compatible with L90 – L400, RGB, Tunable White.. It is made of anodized aluminum and can be cut on site. To be installed without diffuser or with diffuser LA01-SL.



## Product Detail

Extrusion:	LA01
Material:	Extruded aluminum
Color:	Anodized silver
Size in Inch:	L 78 3/4 x W 13/32 x H 29/32
Customization:	Cut to any length

## Compatibility

Tapelight:	Maximum 400 lm/ft, RGB, TW
Lens:	Satined lens
Accessories:	End cap
Connector:	Connector, cable, power feed
Power Supply:	Dimming, Non-Dimming

## Compatible Lens



### **LA01-SL**

Satined lens

PMMA, 82% transmission

## LA01 Extrusion + Lens

Satined Lens



**LA01 +  
LA01-SL**

## Compatible Accessories

End Cap



**LA01-EC**

## Tape Light

Output	IP Rating	Color Temp
<b>L90</b> = 90 lumens/ft <b>L180</b> = 180 lumens/ft <b>L270</b> = 270 lumens/ft <b>L400</b> = 400 lumens/ft <b>L610</b> = 610 lumens/ft <b>L910</b> = 910 lumens/ft	<b>IP00</b> = Indoor <b>IP66</b> = Outdoor	<b>27</b> = 2700k <b>30</b> = 3000k <b>40</b> = 4000k
	<b>IP00</b> = Indoor	<b>35</b> = 3500k
<b>RGB</b> = Color Changing	<b>IP00</b> = Indoor <b>IP66</b> = Outdoor	None
<b>TW</b> = Tunable White	<b>IP00</b> = Indoor <b>IP66</b> = Outdoor	27-40 = 2700k-4000k

## Technical Information

Output	L90	L180	L270	L400	L610	L910	RGB	Tunable White
<b>LEDs/ft</b>	36	36	36	36	36	36	18	72
<b>Lumens/ft @ 4000K</b>	90	180	270	400	610	910	Max 110	460
<b>Consumption (watt/ft)</b>	0.73	1.62	2.5	3.66	5.85	8.78	2.2	4.12
<b>Efficacy @ 4000k (lm/watt)</b>	123	111	108	109	104	104		111
<b>CRI</b>	>80	>80	>80	>80	>80	>80		>80
<b>Voltage</b>	24	24	24	24	24	24	24	24
<b>Maximum run length</b>	75'	47'	35'	25'	18'	15'	20'	30'
<b>Customization increment</b>	2"	2"	2"	2"	2"	2"	2"	2"

## Ordering Code

Extrusion	Lens	Tapelight			Mounting	End Cap
<b>LA01</b>	<b>- SL</b>	<b>- L90</b>	<b>IP00</b>	<b>27</b>	<b>-</b>	<b>- EC</b>
LA01	SL - Satined Lens	L90 – 90 lm/ft L180 – 180 lm/ft L270 – 270 lm/ft L400 – 400 lm/ft L610 – 610 lm/ft L910 – 910 lm/ft RGB - Color Changing TW - Tunable White	IP00 IP66	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K		EC - End Cap

## Power Supply

Model	Power	IP	Input	Output	Dimension (Inch) LxWxH						
TR = Non-Dimming	50 = 50 watt 75 = 75 watt 100 = 100 watt 150 = 150 watt	IP00	88-264V	24V	3.90 X 3.82 X 1.42 5.08 X 3.82 X 1.50 6.26 X 3.82 X 1.50 7.84 X 3.85 X 1.50						
	12 = 12 watt 16 = 16 watt 25 = 25 watt 35 = 35 watt				IP42	90-264V	3.03 X 1.57 X 1.14 3.03 X 1.57 X 1.14 3.31 X 2.24 X 1.16 3.31 X 2.24 X 1.16				
	20 = 20 watt 35 = 35 watt 60 = 60 watt 100 = 100 watt						IP67	90-264V	4.65 X 1.38 X 1.02 5.83 X 1.57 X 1.18 6.40 X 1.67 X 1.26 7.48 X 2.05 X 1.46		
	DTR =Dimming (0-10V)	16 = 16 watt 25 = 25 watt 40 = 40 watt 60 = 60 watt 90 = 90 watt 100 = 100 watt 120 = 120 watt 150 = 150 watt 185 = 185 watt 240 = 240 watt 320= 320 watt 600 = 600 watt	IP67		90-305V	24V			5.83 X 1.57 X 1.26 5.83 X 1.57 X 1.26 6.40 X 1.70 X 1.26 6.40 X 1.70 X 1.26 6.34 X 2.40 X 1.42 8.66 X 2.68 X 1.53 8.66 X 2.68 X 1.53 8.97 X 2.68 X 1.58 8.97 X 2.68 X 1.58 9.88 X 2.68 X 1.58 9.92 X 3.54 X 1.72 11.02 X 5.67 X 1.91		
		DTR – FP = Dimming (Forward Phase)							20 = 20 watt 40 = 40 watt 60 = 60 watt 75 = 75 watt 96 = 96 watt	IP67	120V

## Power Supply Ordering Code

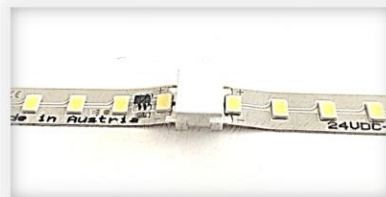
Model	Power	IP	Description
TR	50	IP00	Non-Dimming, 50 watt, IP00, 88-264V output, 24V input
DTR	16	IP67	0-10V Dimming, 16 watt, IP67, 90-305V output, 24V input
DTR-FP	20	IP67	Forward Phase-Dimming, 20 watt, IP67, 120V output, 24V

## Customization

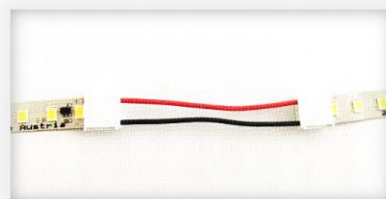
Code	Description	Customization
T20-CUST	Tapelight Customizing	Cut tape to exact length (2" increments)
TL20-CUST	Tapelight Customizing + Lead Wires	Cut tape to exact length + solder 4' lead wire
E20-CUST	Extrusion Customizing	Cut tape & extrusion to exact length, installing tape, add strain relief, and solder 4' lead wire
E20-CUST-C	Extrusion Customizing Color	
E20IP68-1-CUST	Extrusion Customizing IP68 for 1-2 feet	
E20IP68-3-CUST	Extrusion Customizing IP68 for 3-4 feet	
E20IP68-5-CUST	Extrusion Customizing IP68 for 5-6 feet	

## Connectors

**CON-S**  
Splice connector



**CON2-JC**  
Jumper Cable with  
2" cable



**CON20-JC**  
Jumper Cable with  
20" cable



**CON20-PF**  
Power feed for white  
tapelight with 20" cable



**CON20RGB-PF**  
Power feed for RGB  
tapelight with 20" cable

