



**ADURA**  
LED SOLUTIONS

**SPECIFICATIONS**

Part Number	12052-A
Ordering Number	See specification for each specific CCT part number
Number of LEDs	132 LEDS
LED Configuration	11s12p
Type of LEDs	2835
CCT Options	2700K – 6500K
CRI Options	70+ 80+, 90+, 95+
Operating Current (IF)	700mA – 1400 per Module
Typical Input Voltage (Vdc)	36V
Board Shape / Size	LINEAR 44 inch (1117.6 mm)

**PRODUCT FEATURES**

- ✓ High Efficiency Linear Modules up to 200 lm/W
- ✓ Excellent thermal management using Metal Core MCPCB for maximum heat dissipation
- ✓ 3 step or better MacAdam binning
- ✓ Wide CCT range: 2700K, 3000K, 3500K, 4000K, 5000K, 5700K and 6500K
- ✓ CRI options of 70+, 80+, 90+
- ✓ Poke-in Connector for easy wiring
- ✓ LM-80 LEDs
- ✓ UL Recognized MCPCB and Componenets
- ✓ MADE-IN-CALIFORNIA, ADURA manufacturing - UL approved facility

**APPLICATIONS**

- Linear Lights
- 2x4 Troffer
- Linear High Bay
- Indoor
- Outdoor
- Office
- Retail

## HIGH PERFORMANCE LINEAR MODULES

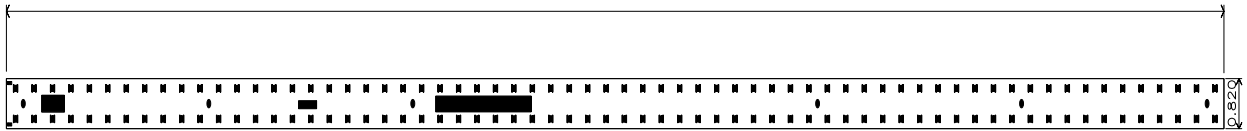
Adura Module P/n	Typical Wattage (W)	Operating Current		Typical Input Voltage (vdc)	CCT (Kelvin)	CRI	Typical Lumen (lm)	Typical Lumens Per Watt (LPW)	Dimensions Inch(mm)
		Operating Current (mA)	MAX Current (mA)						
12052-A-278-2835	21.4	700	2000mA	30.47	2700K	80	3871	180.9	44" (1117.6 mm)
	32.8	1050	2000mA	31.24	2700K		5747	175.2	
	44.5	1400	2000mA	31.79	2700K		7565	170.0	
12052-A-308-2835	21.4	700	2000mA	30.47	3000K	80	3978	185.9	
	32.8	1050	2000mA	31.24	3000K		5905	180.0	
	44.5	1400	2000mA	31.79	3000K		7774	174.7	
12052-A-358-2835	21.4	700	2000mA	30.47	3500K	80	4031	188.4	
	32.8	1050	2000mA	31.24	3500K		5984	182.4	
	44.5	1400	2000mA	31.79	3500K		7878	177.0	
12052-A-408-2835	21.4	700	2000mA	30.47	4000K	80	4164	194.6	
	32.8	1050	2000mA	31.24	4000K		6182	188.5	
	44.5	1400	2000mA	31.79	4000K		8139	182.9	
12052-A-508-2835	21.4	700	2000mA	30.47	5000K	80	4218	197.1	
	32.8	1050	2000mA	31.24	5000K		6262	190.9	
	44.5	1400	2000mA	31.79	5000K		8243	185.2	
12052-A-578-2835	21.4	700	2000mA	30.47	5700K	80	4191	195.8	
	32.8	1050	2000mA	31.24	5700K		6222	189.7	
	44.5	1400	2000mA	31.79	5700K		8191	184.1	
12052-A-658-2835	21.4	700	2000mA	30.47	6500K	80	4164	194.6	
	32.8	1050	2000mA	31.24	6500K		6182	188.5	
	44.5	1400	2000mA	31.79	6500K		8139	182.9	
12052-A-279-2835	21.4	700	2000mA	30.47	2700K	90	3283	153.4	
	32.8	1050	2000mA	31.24	2700K		4875	148.6	
	44.5	1400	2000mA	31.79	2700K		6417	144.2	
12052-A-309-2835	21.4	700	2000mA	30.47	3000K	90	3364	157.2	
	32.8	1050	2000mA	31.24	3000K		4994	152.2	
	44.5	1400	2000mA	31.79	3000K		6574	147.7	
12052-A-359-2835	21.4	700	2000mA	30.47	3500K	90	3417	159.7	
	32.8	1050	2000mA	31.24	3500K		5073	154.7	
	44.5	1400	2000mA	31.79	3500K		6678	150.1	
12052-A-409-2835	21.4	700	2000mA	30.47	4000K	90	3524	164.7	
	32.8	1050	2000mA	31.24	4000K		5231	159.5	
	44.5	1400	2000mA	31.79	4000K		6887	154.8	
12052-A-509-2835	21.4	700	2000mA	30.47	5000K	90	3577	167.2	
	32.8	1050	2000mA	31.24	5000K		5311	161.9	
	44.5	1400	2000mA	31.79	5000K		6991	157.1	
12052-A-579-2835	21.4	700	2000mA	30.47	5700K	90	3550	165.9	
	32.8	1050	2000mA	31.24	5700K		5271	160.7	
	44.5	1400	2000mA	31.79	5700K		6939	155.9	
12052-A-659-2835	21.4	700	2000mA	30.47	6500K	90	3524	164.7	
	32.8	1050	2000mA	31.24	6500K		5231	159.5	
	44.5	1400	2000mA	31.79	6500K		6887	154.8	

NOTE: 70 and 95 CRI Modules are available. Please contact [sales@aduraled.com](mailto:sales@aduraled.com)



**Mechanical Drawing**

P/N: 12052



**Notes:**

- Boards Tested at  $T_s = 25\text{ }^\circ\text{C}$
- Forward voltage Tolerances:  $\pm 0.2\text{V}$
- Luminous Flux Tolerances:  $\pm 0.5\%$
- Color Rendering Index Tolerance (Ra):  $\pm 2$
- Color Rendering Index Tolerance (R9):  $\pm 4$
- Incorrect wiring may damage the LED module.
- All data is related to the entire module. Data reflects standard mean values.
- Actual data may differ depending on Variance in the LED and manufacturing process.
- Performance values were taken at steady state.
- Instant-ON measurement may be higher.
- Exceeding maximum rating may damage the LED Light engine and cause potential safety hazard.
- Elevated operating temperatures can damage the board, LEDs and life in terms of lumen output.

