

**ADURA**  
LED SOLUTIONS

SPECIFICATIONS

Module Part Number	1950-A-xxx-3535
Ordering Code	See specification below
Number of LEDs	12 LEDs, 2x6 (2p6s)
Type LEDs	3535 Packaged LED
CCT	2700K, 3000K, 3500K, 4000K, 4500K, 5000K, 5700K, 6500K, Color, Custom
CRI	60+, 70+, 80+, 90+
Operating Current (IF)	700mA, 1050mA, 1400mA, 2100mA, 2400mA
Maximum Current (IF)	3000mA
Typical Input Voltage (Vdc)	18V
Board Shape	LINEAR
Board Size (mm)	5.71" x 1.71" (145.03mmx43.43mm)



PRODUCT FEATURES

- ✓ Using SinkPAD™-II MCPCB High Thermal Performance Board
- ✓ Excellent Thermal Conductivity (210-385 W/mK)
- ✓ Best Mechanical design to use Connector or Wire Option
- ✓ Compatible **LEDIL STRADA 2x6 and KHATOD NACTUS OPTICAL SYSTEM 2x6 LENS**  
Light Patterns for different types of Indoor and Outdoor applications
- ✓ LEDs Offered with CREE, NICHIA, OSRAM, SEOUL, LUMILED, SAMSUNG, LG and other
- ✓ HIGH POWER LEDs XPG, XTE, Nichia 219C, Seoul Semi Z5M2, Oslon SSL, SQUARE (Any 3535 or 3030 package with Thermal Pad)
- ✓ Offered in Red, Green, Blue and Amber Colors

APPLICATIONS

- Street Lighting
- High-Bay Lighting
- Parking Lot lighting
- Canopy Lighting
- Wide Area Lighting
- Grow Lighting
- Indoor Lighting
- Outdoor Lighting



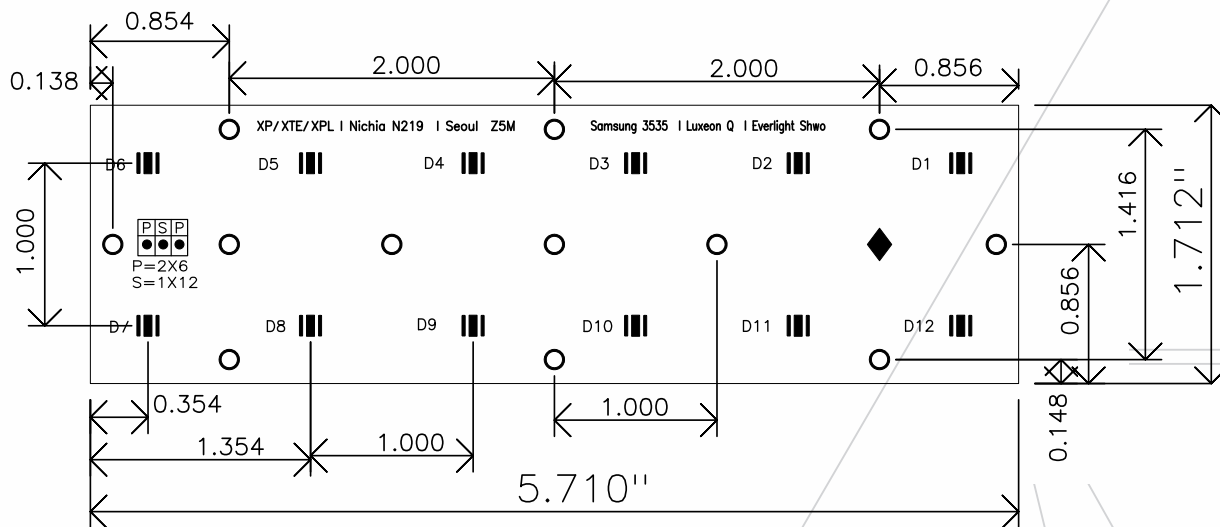
Adura Module P/n	Typical Wattage (W)	Operating Current		Input Voltage (vdc)	CCT (Kelvin)	CRI	Typical Lumen (lm)	Typical Lumens Per Watt (LPW)	Dimensions Inch(mm)
		Nominal Current (mA)	MA Current (mA)						
1950-A-277-3535	11.7	700	1500	16.8	2700K	70	1872.9	159	5.71" x 1.71" (145.03mmx43.43mm)
	24.7	1400	1500	17.6	2700K		3384.6	137	
	38.4	2100	1500	18.3	2700K		4725.9	123	
	44.6	2400	1500	18.6	2700K		5271.5	118	
1950-A-307-3535	11.7	700	1500	16.8	3000K	70	1944.7	166	
	24.7	1400	1500	17.6	3000K		3514.3	142	
	38.4	2100	1500	18.3	3000K		4907.0	128	
	44.6	2400	1500	18.6	3000K		5473.6	123	
1950-A-357-3535	11.7	700	1500	16.8	3500K	70	1996.9	170	
	24.7	1400	1500	17.6	3500K		3608.7	146	
	38.4	2100	1500	18.3	3500K		5038.7	131	
	44.6	2400	1500	18.6	3500K		5620.5	126	
1950-A-407-3535	11.7	700	1500	16.8	4000K	70	2088.3	178	
	24.7	1400	1500	17.6	4000K		3773.8	153	
	38.4	2100	1500	18.3	4000K		5269.3	137	
	44.6	2400	1500	18.6	4000K		5877.7	132	
1950-A-457-3535	11.7	700	1500	16.8	4500K	70	2094.8	178	
	24.7	1400	1500	17.6	4500K		3785.6	153	
	38.4	2100	1500	18.3	4500K		5285.7	138	
	44.6	2400	1500	18.6	4500K		5896.0	132	
1950-A-507-3535	11.7	700	1500	16.8	5000K	70	2088.7	178	
	24.7	1400	1500	17.6	5000K		3789.7	154	
	38.4	2100	1500	18.3	5000K		5306.2	138	
	44.6	2400	1500	18.6	5000K		5924.5	133	
1950-A-577-3535	11.7	700	1500	16.8	5700K	70	2017.3	172	
	24.7	1400	1500	17.6	5700K		3660.2	148	
	38.4	2100	1500	18.3	5700K		5125.0	133	
	44.6	2400	1500	18.6	5700K		5722.1	128	
1950-A-657-3535	11.7	700	1500	16.8	6500K	70	1997.9	170	
	24.7	1400	1500	17.6	6500K		3624.9	147	
	38.4	2100	1500	18.3	6500K		5075.5	132	
	44.6	2400	1500	18.6	6500K		5666.9	127	
1950-A-278-3535	11.7	700	1500	16.8	2700K	80	1622.4	138	
	24.7	1400	1500	17.6	2700K		2962.5	120	
	38.4	2100	1500	18.3	2700K		4164.1	108	
	44.6	2400	1500	18.6	2700K		4654.1	104	
1950-A-308-3535	11.7	700	1500	16.8	3000K	80	1711.8	146	
	24.7	1400	1500	17.6	3000K		3125.8	127	
	38.4	2100	1500	18.3	3000K		4393.6	114	
	44.6	2400	1500	18.6	3000K		4910.6	110	



Adura Module P/n	Typical Wattage (W)	Operating Current		Input Voltage (vdc)	CCT (Kelvin)	CRI	Typical Lumen (lm)	Typical Lumens Per Watt (LPW)	Dimensions Inch(mm)
		Nominal Current (mA)	MA Current (mA)						
1950-A-358-3535	11.7	700	1500	16.8	3500K	80	1788.5	152	5.71" x 1.71" (145.03mmx43.43mm)
	24.7	1400	1500	17.6	3500K		3265.8	132	
	38.4	2100	1500	18.3	3500K		4590.3	119	
	44.6	2400	1500	18.6	3500K		5130.5	115	
1950-A-408-3535	11.7	700	1500	16.8	4000K	80	1801.2	153	
	24.7	1400	1500	17.6	4000K		3289.1	133	
	38.4	2100	1500	18.3	4000K		4623.1	120	
	44.6	2400	1500	18.6	4000K		5167.2	116	
1950-A-458-3535	11.7	700	1500	16.8	4500K	80	1820.4	155	
	24.7	1400	1500	17.6	4500K		3324.1	135	
	38.4	2100	1500	18.3	4500K		4672.3	122	
	44.6	2400	1500	18.6	4500K		5222.1	117	
1950-A-508-3535	11.7	700	1500	16.8	5000K	80	1803.4	153	
	24.7	1400	1500	17.6	5000K		3271.5	133	
	38.4	2100	1500	18.3	5000K		4578.4	119	
	44.6	2400	1500	18.6	5000K		5110.6	115	
1950-A-578-3535	11.7	700	1500	16.8	5700K	80	1803.4	153	
	24.7	1400	1500	17.6	5700K		3271.5	133	
	38.4	2100	1500	18.3	5700K		4578.4	119	
	44.6	2400	1500	18.6	5700K		5110.6	115	
1950-A-658-3535	11.7	700	1500	16.8	6500K	80	1803.4	153	
	24.7	1400	1500	17.6	6500K		3271.5	133	
	38.4	2100	1500	18.3	6500K		4578.4	119	
	44.6	2400	1500	18.6	6500K		5110.6	115	
1950-A-279-3535	11.7	700	1500	16.8	2700K	90	1317.5	112	
	24.7	1400	1500	17.6	2700K		2399.0	97	
	38.4	2100	1500	18.3	2700K		3367.5	88	
	44.6	2400	1500	18.6	2700K		3763.0	84	
1950-A-309-3535	11.7	700	1500	16.8	3000K	90	1400.7	119	
	24.7	1400	1500	17.6	3000K		2550.4	103	
	38.4	2100	1500	18.3	3000K		3580.0	93	
	44.6	2400	1500	18.6	3000K		4000.4	90	
1950-A-359-3535	11.7	700	1500	16.8	3500K	90	1509.4	128	
	24.7	1400	1500	17.6	3500K		2748.4	111	
	38.4	2100	1500	18.3	3500K		3857.9	100	
	44.6	2400	1500	18.6	3500K		4311.0	97	
1950-A-409-3535	11.7	700	1500	16.8	4000K	90	1554.2	132	
	24.7	1400	1500	17.6	4000K		2829.9	115	
	38.4	2100	1500	18.3	4000K		3972.4	103	
	44.6	2400	1500	18.6	4000K		4438.8	100	

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		Nominal Current (mA)	MA Current (mA)						
1950-A-509-3535	11.7	700	1500	16.8	5000K	90	1630.4	139	5.71" x 1.71" (145.03mmx43.43mm)
	24.7	1400	1500	17.6	5000K		2964.0	120	
	38.4	2100	1500	18.3	5000K		4156.2	108	
	44.6	2400	1500	18.6	5000K		4642.6	104	
1950-A-579-3535	11.7	700	1500	16.8	5700K	90	1630.4	139	
	24.7	1400	1500	17.6	5700K		2964.0	120	
	38.4	2100	1500	18.3	5700K		4156.2	108	
	44.6	2400	1500	18.6	5700K		4642.6	104	

### Mechanical Drawing



#### Notes:

- Boards Tested at Ts = 25 °C
- Forward voltage Tolerances: ± 0.2V
- Luminous Flux Tolerances: ± 0.5%
- Color Rendering Index Tolerance (Ra): ± 2
- Color Rendering Index Tolerance (R9): ± 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.