

Light Engine 224 LEDs 1193,8x18 mm 24V

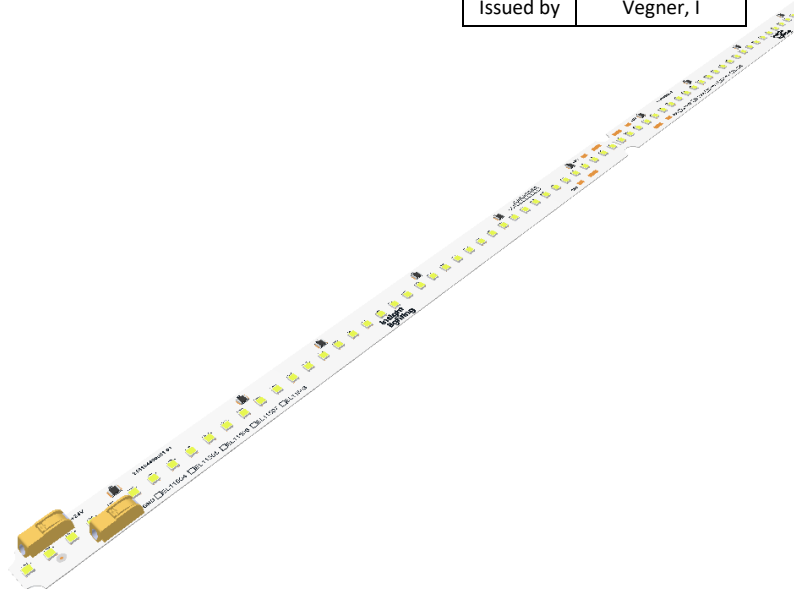
Issue Date	Jun, 2021
Issued by	Vegner, I

Application

- Troffers
- Batten
- Linear Fixtures
- Indoor lighting

Characteristics

- Module Efficacy – up to 201 lm/W
- L70 > 60.000 hours
- CRI > 80
- 03 SDCM



DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine 224 LEDs 1193,8x18 mm 24V	2650 mA	2700 mA

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75 °C	85 °C

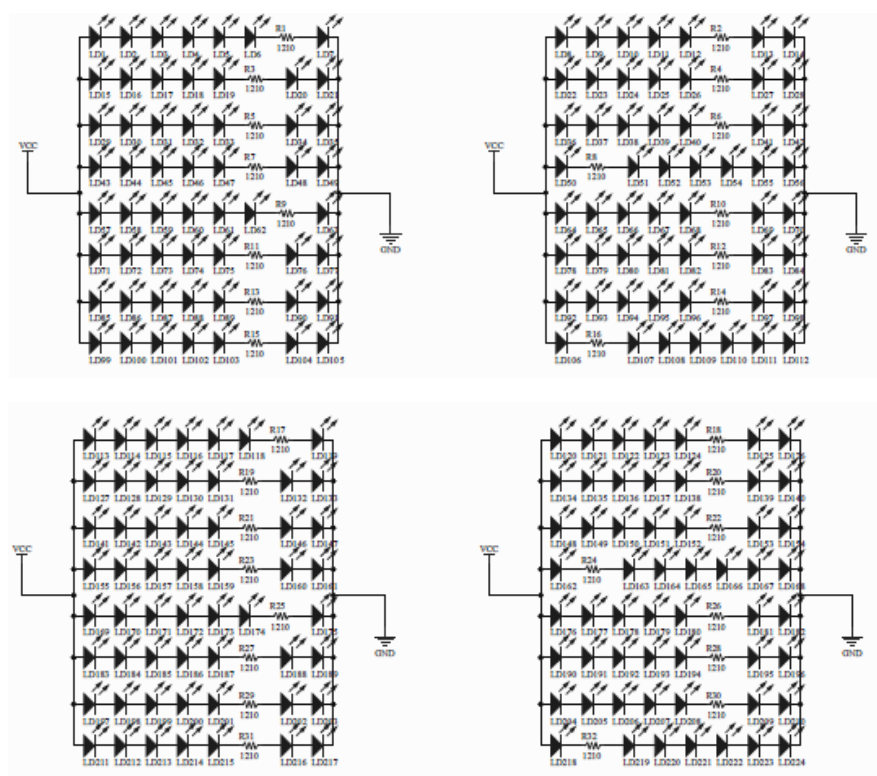
PRODUCT PART NUMBER

	80340000100	80340500100	80341000100	80341500100
EL11504	2,700K	3,000K	3,500K	4,000K
	80340100100	80340600100	80341100100	80341600100
EL11505	2,700K	3,000K	3,500K	4,000K
	80340200100	80340700100	80341200100	80341700100
EL11506	2,700K	3,000K	3,500K	4,000K
	80340300100	80340800100	80341300100	80341800100
EL11507	2,700K	3,000K	3,500K	4,000K
	80339900100	80340400100	80340900100	80341400100
EL11508	2,700K	3,000K	3,500K	4,000K

TECHNICAL INFORMATION

Model	CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
EL11508	2,700K	175	224	845	24.0	3	75	4.2	201
EL11508	3,000K	175	224	845	24.0	3	75	4.2	201
EL11508	3,500K	175	224	845	24.0	3	75	4.2	201
EL11508	4,000K	175	224	845	24.0	3	75	4.2	201
EL11504	2,700K	525	224	2,535	24.0	8	75	12.6	201
EL11504	3,000K	525	224	2,535	24.0	8	75	12.6	201
EL11504	3,500K	525	224	2,535	24.0	8	75	12.6	201
EL11504	4,000K	525	224	2,535	24.0	8	75	12.6	201
EL11505	2,700K	842	224	3,983	24.0	18	75	20.2	197
EL11505	3,000K	842	224	3,983	24.0	18	75	20.2	197
EL11505	3,500K	842	224	3,983	24.0	18	75	20.2	197
EL11505	4,000K	842	224	3,983	24.0	18	75	20.2	197
EL11506	2,700K	1,500	224	7,095	24.0	24	75	36.0	193
EL11506	3,000K	1,500	224	7,095	24.0	24	75	36.0	193
EL11506	3,500K	1,500	224	7,095	24.0	24	75	36.0	193
EL11506	4,000K	1,500	224	7,095	24.0	24	75	36.0	193
EL11507	2,700K	2,650	224	11,907	24.0	29	75	63.6	187
EL11507	3,000K	2,650	224	11,907	24.0	29	75	63.6	187
EL11507	3,500K	2,650	224	11,907	24.0	29	75	63.6	187
EL11507	4,000K	2,650	224	11,907	24.0	29	75	63.6	187

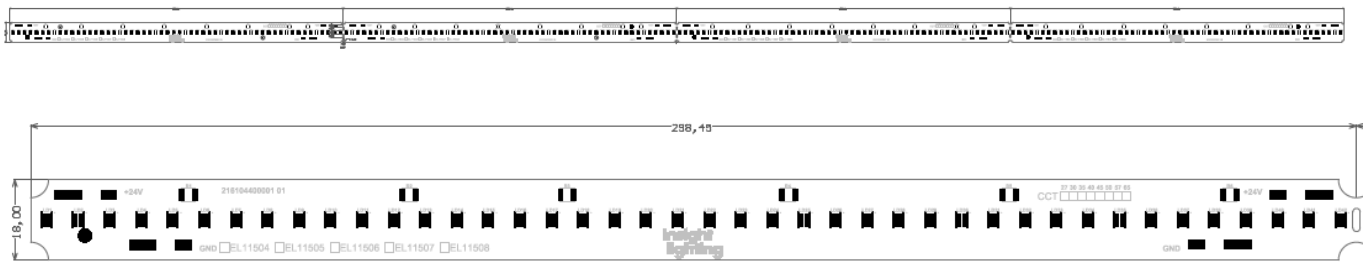
SCHEMATICS



LED TYPE

Manufacturer: Samsung LM301B

MECHANICAL DRAWING



WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75 18...24	mm ² AWG	Solid wire
Input wire strip length	7.5...8.5	mm	Solid wire
Input wire cross-section	0.33...0.5 20...22	mm ² AWG	Stranded wire
Input wire strip length	7.5...8.5	mm	Stranded wire