

Light Engine 24 LEDs 596,9x29,8 mm 24V

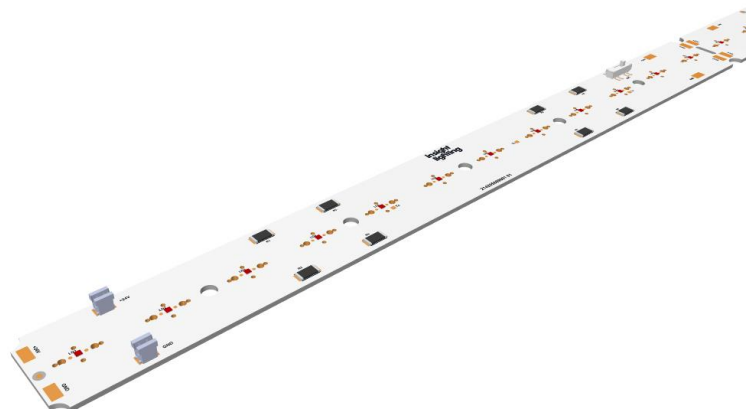
Issue Date	Jun, 2021
Issued by	Vegner, I

Application

- Troffers
- Batten
- Linear Fixtures
- Indoor lighting
- Decorative

Characteristics

- Module Efficacy – up to 143 lm/W
- L70 > 60.000 hours
- Red, green, blue, and amber colors
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine 224 LEDs 1193,8x18 mm 24V	1350 mA	1500 mA

MODULE TEMPERATURES

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

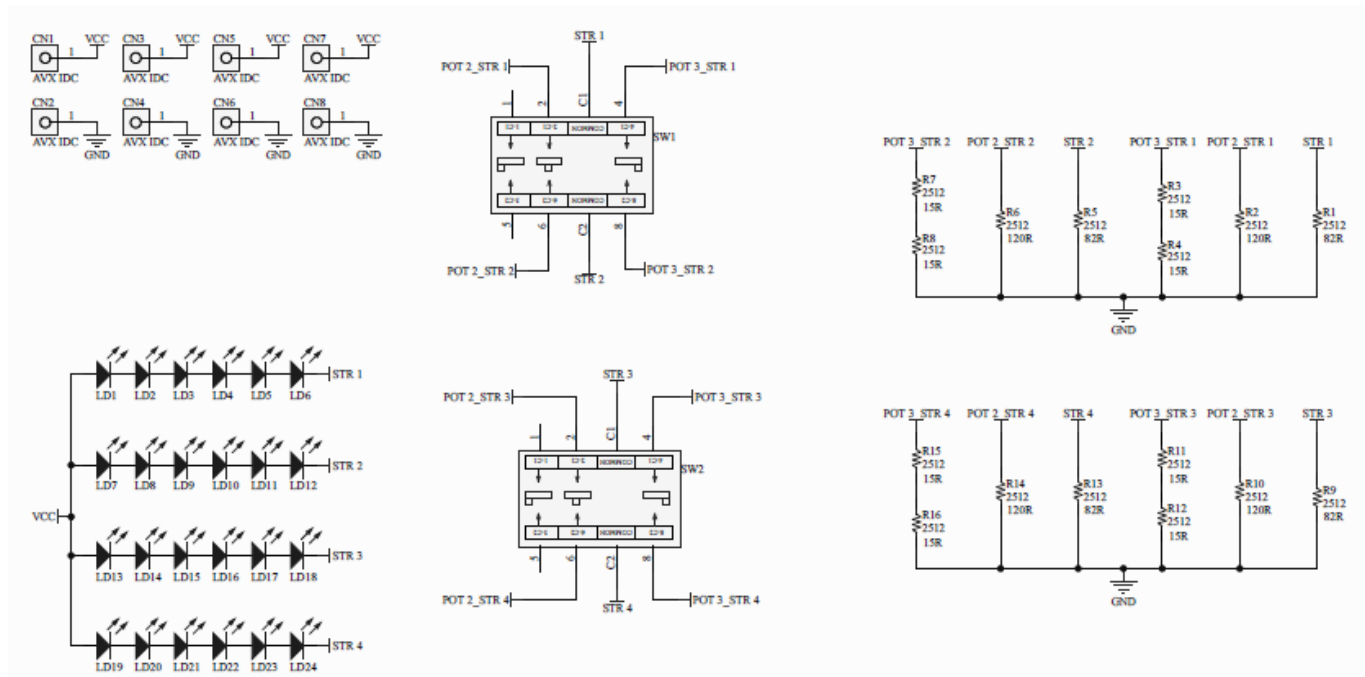
PRODUCT PART NUMBER

80339400100	80339600100	80339700100	80344200100
RED	GREEN	BLUE	AMBER

TECHNICAL INFORMATION

Model	COLOR	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
EL11509	RED	400	24	219	24.0	100	75	9.6	23
EL11509	RED	664	24	353	24.0	166	75	15.9	22
EL11509	RED	1333	24	653	24.0	333	75	31.9	20
EL11509	GREEN	400	24	1372	24.0	100	75	9.6	143
EL11509	GREEN	664	24	2218	24.0	166	75	15.9	139
EL11509	GREEN	1333	24	4166	24.0	333	75	31.9	131
EL11509	BLUE	400	24	144	24.0	100	75	9.6	15
EL11509	BLUE	664	24	231	24.0	166	75	15.9	15
EL11509	BLUE	1333	24	427	24.0	333	75	31.9	13
EL11509	AMBER	400	24	861	24.0	100	75	9.6	90
EL11509	AMBER	664	24	1396	24.0	166	75	15.9	88
EL11509	AMBER	1333	24	2624	24.0	333	75	31.9	82

SCHEMATICS

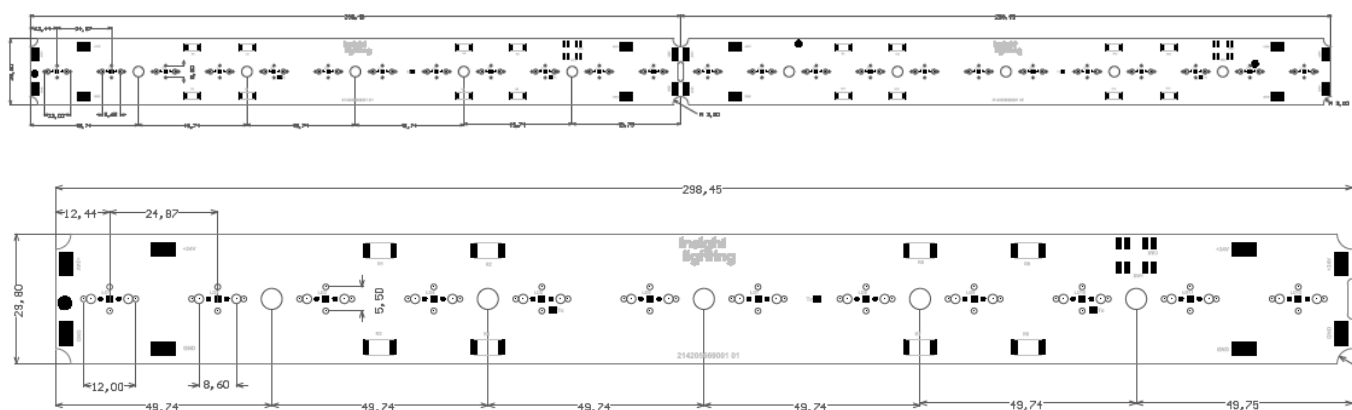


LED TYPE

Manufacturer: Nichia

LED Series: E17 Color

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