

Light Engine 84 LEDs 384x8,9mm

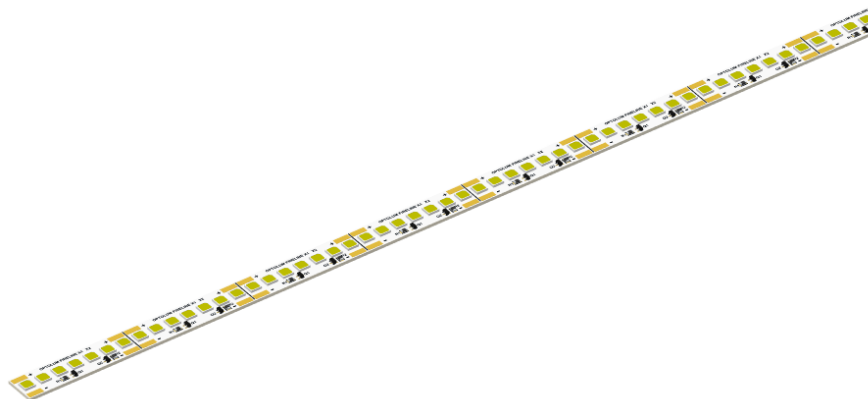
Issue Date	Aug, 2020
Issued by	Vegner, I

Application

- Troffers
- Batten
- Linear Fixtures
- Indoor lighting

Characteristics

- Module Efficacy – up to 121 lm/W
- L70 > 60.000 hours
- CRI > 90
- 03 SDCM



DRIVE CURRENTS

Parameter	Nominal	Max
LIGHT ENGINE 84 LEDs Fineline X 384.05 x 8.89mm	380 mA	400 mA

MODULE TEMPERATURES

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

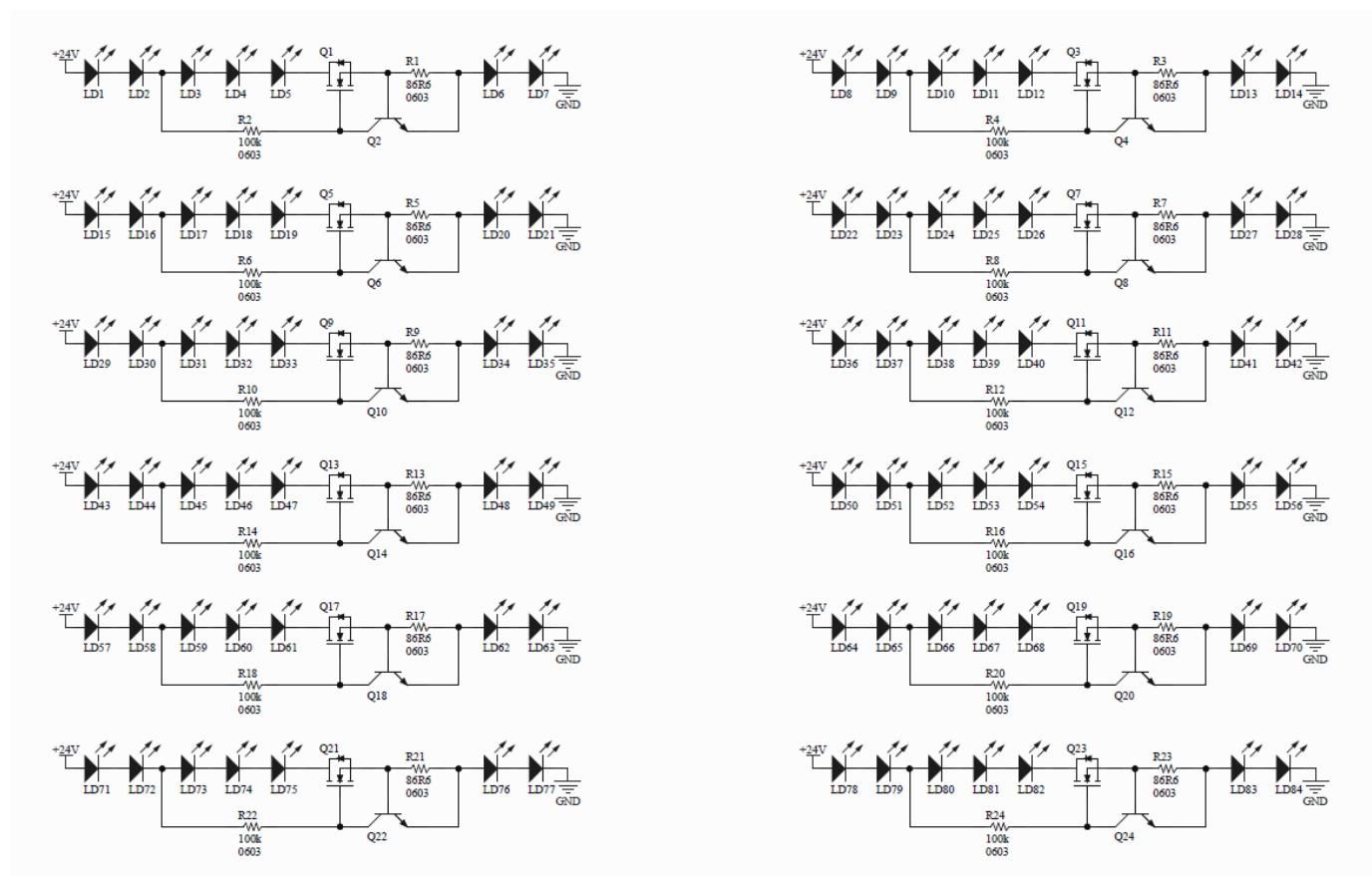
PRODUCT PART NUMBER

X1	80209800100	80205600100	80205800100
	2,700K	3,000K	3,500K
X2	80209900100	80205700100	80205900100
	2,700K	3,000K	3,500K

TECHNICAL INFORMATION

Model	CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Input Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
X1	2,700K	380	84	989	24,0	14	75	9,12	108
X2	2,700K	180	84	498	24,0	28	75	4,32	115
X1	3,000K	380	84	1017	24,0	14	75	9,12	112
X2	3,000K	180	84	512	24,0	28	75	4,32	119
X1	3,500K	380	84	1041	24,0	14	75	9,12	114
X2	3,500K	180	84	524	24,0	28	75	4,32	121

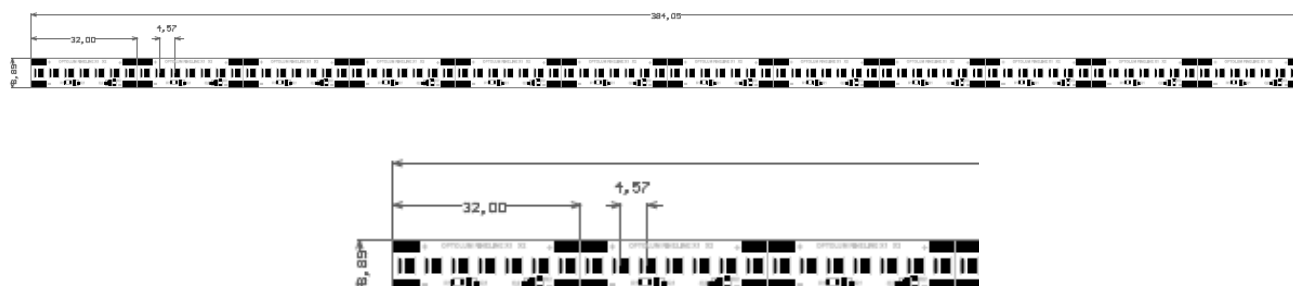
SCHEMATICS



LED TYPE

Manufacturer: Nichia 757 V3

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