

## LIGHT ENGINE 560 x 40mm 4.200lm

|            |            |
|------------|------------|
| Issue Date | Jul - 2017 |
| Issued by  | Wilbur C.  |

### Applications

- Troffers
- Battens
- Retrofit T8 / HO
- Linear Highbay



### Characteristics

- Module Efficacy – up to 152 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3.000K / 4.000K / 5.000K
- 05 years warranty



**Zhaga**

### DRIVE CURRENTS

| Parameter                                   | Nominal | Max    |
|---------------------------------------------|---------|--------|
| Light Engine Linear Performance DLC PREMIUM | 700 mA  | 700 mA |

### MODULE TEMPERATURES

| Parameter                         | Nominal | Max   |
|-----------------------------------|---------|-------|
| Tc (case temperature at Tc point) | 60 °C   | 85 °C |

### PRODUCT PART NUMBER

| 80087100100 | 80087200100 | 80087300100 |
|-------------|-------------|-------------|
| 3.000 K     | 4.000 K     | 5.000 K     |

### TECHNICAL INFORMATION

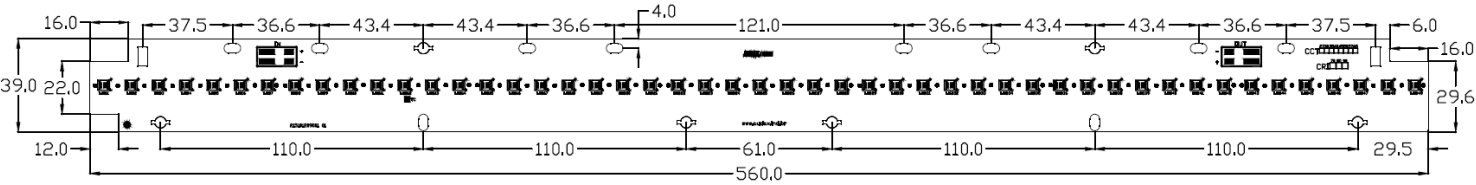
| CCT     | LED Driver Current (mA) | # LEDs | Luminous Flux (lm)* | Forward Voltage (V) | LED Forward Current (mA) | TC (°C) | Power (W) | Efficacy (lm/W)* |
|---------|-------------------------|--------|---------------------|---------------------|--------------------------|---------|-----------|------------------|
| 3.000 K | 700                     | 49     | 4.387               | 39,9                | 100                      | 60      | 28,0      | 157              |
| 4.000 K | 700                     | 49     | 4.452               | 39,9                | 100                      | 60      | 28,0      | 159              |
| 5.000 K | 700                     | 49     | 4.603               | 39,9                | 100                      | 60      | 28,0      | 164              |

### LED TYPE

Manufacturer: Nichia Corporation

LED Series: 757

MECHANICAL DRAWING

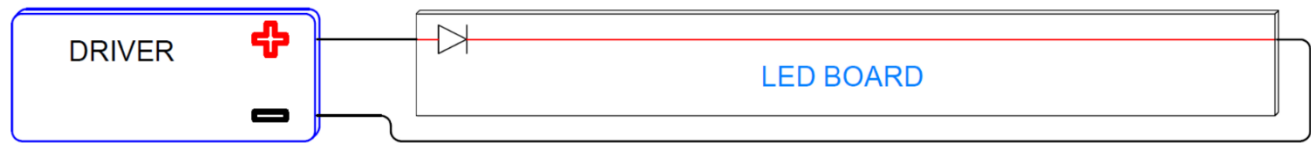


Unit: mm

WIRING

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

DRIVER FOR 1 LIGHT ENGINES: LED DRIVER 40W 220-240VAC (EIP040C0700L1)



DRIVER FOR 2 LIGHT ENGINES: LED DRIVER 60W 220-240VAC (EIP060C0700L2)

