

## LIGHT ENGINE 560 X 20mm 2.200lm (700mA)

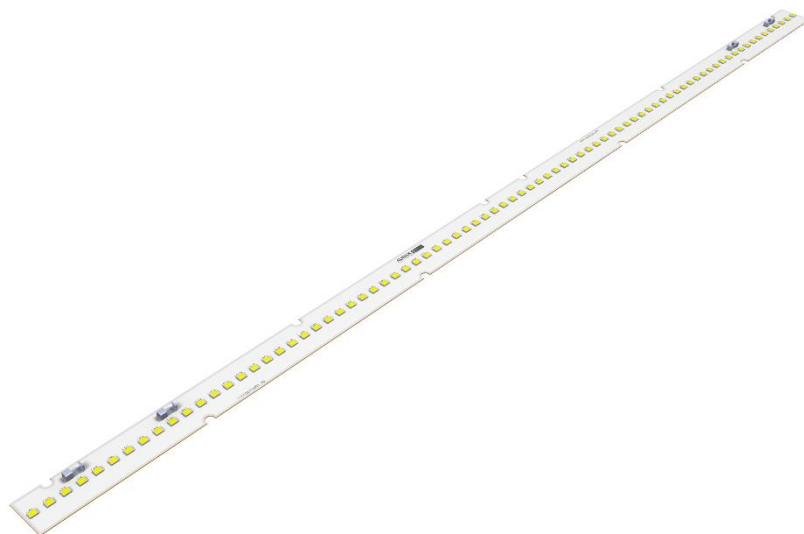
|            |              |
|------------|--------------|
| Issue Date | Ago - 2020   |
| Issued by  | Ferreira, A. |

### Application

- Troffers
- Batten
- Retrofit T8
- Retrofit HO
- Linear Fixtures
- Panels

### Characteristics

- Module Efficacy – up to 196 lm/W
- L70 > 60.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3.000K / 4.000K / 5.000K
- 05 years warranty



### DRIVE CURRENTS

| Parameter                      | Nominal | Max     |
|--------------------------------|---------|---------|
| Light Engine 560x20mm 2.200 lm | 700 mA  | 1.050mA |

### MODULE TEMPERATURES

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

### PRODUCT PART NUMBER

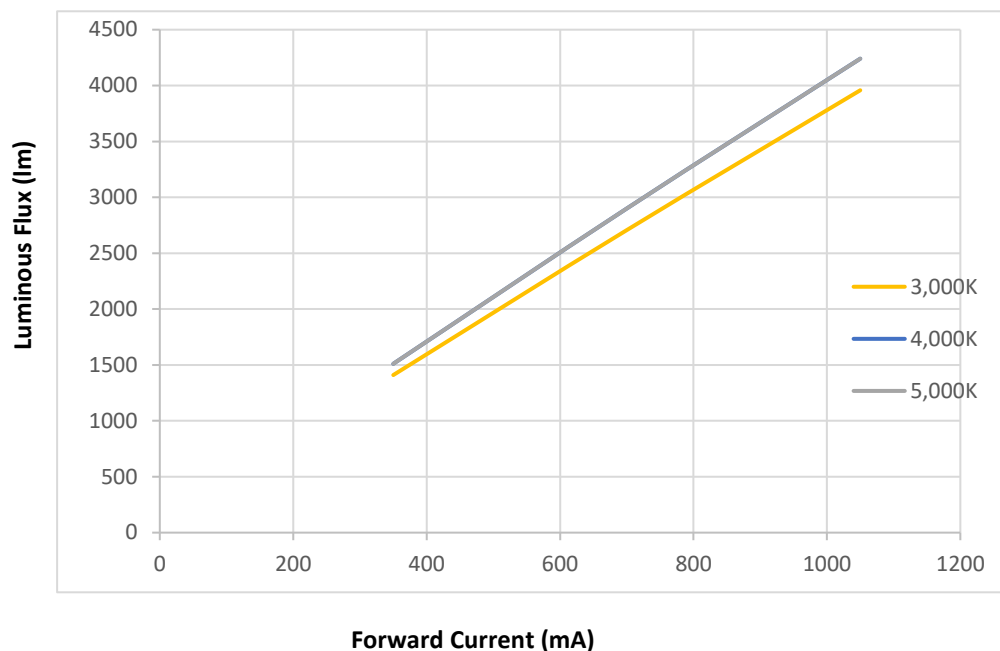
| 80155100100 | 80155200100 | 80155300100 |
|-------------|-------------|-------------|
| 3.000 K     | 4.000 K     | 5.000 K     |

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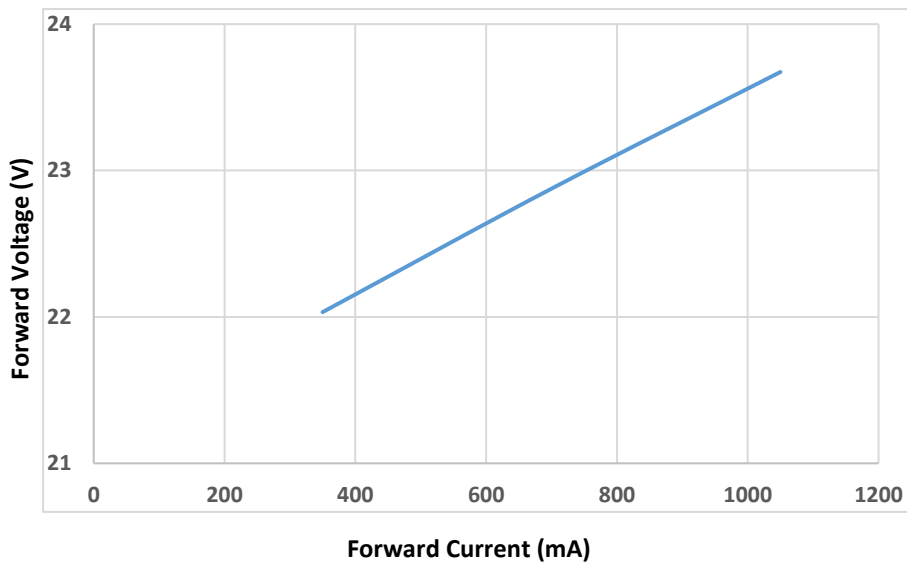
### TECHNICAL INFORMATION

| CCT    | LED Driver Current (mA) | # LEDs | Luminous Flux (lm) | Forward Voltage (V) | LED Forward Current (mA) | TC (°C) | Power (W) | Efficacy (lm/W) |
|--------|-------------------------|--------|--------------------|---------------------|--------------------------|---------|-----------|-----------------|
| 3,000K | 350                     | 80     | 1,410              | 22.0                | 35                       | 75°C    | 7.7       | 183             |
| 3,000K | 700                     | 80     | 2,707              | 22.9                | 70                       | 75°C    | 16.0      | 169             |
| 3,000K | 1,050                   | 80     | 3,958              | 23.7                | 105                      | 75°C    | 24.9      | 159             |
| 4,000K | 350                     | 80     | 1,511              | 22.0                | 35                       | 75°C    | 7.7       | 196             |
| 4,000K | 700                     | 80     | 2,900              | 22.9                | 70                       | 75°C    | 16.0      | 181             |
| 4,000K | 1,050                   | 80     | 4,241              | 23.7                | 105                      | 75°C    | 24.9      | 171             |
| 5,000K | 350                     | 80     | 1,511              | 22.0                | 35                       | 75°C    | 7.7       | 196             |
| 5,000K | 700                     | 80     | 2,900              | 22.9                | 70                       | 75°C    | 16.0      | 181             |
| 5,000K | 1,050                   | 80     | 4,241              | 23.7                | 105                      | 75°C    | 24.9      | 171             |

**Luminous Flux (lm) x Forward Current (mA) (TC 75°C)**



**Forward Voltage (V) x Forward Current (mA) (TC 75°C)**

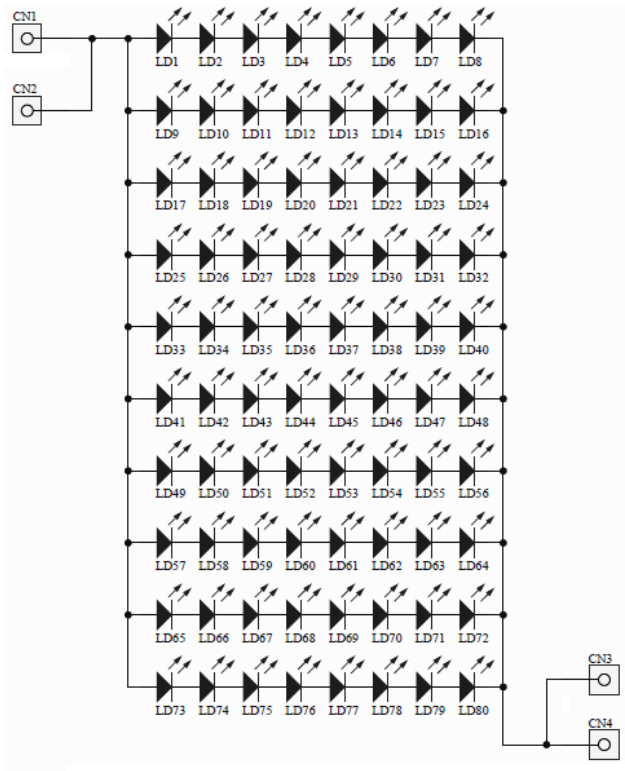


## LED TYPE

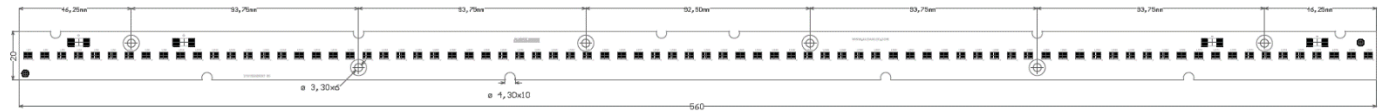
Manufacturer: Lumileds

LED Series: LUXEON 2835C 3V

SCHEMATICS



MECHANICAL DRAWING



Unit: mm