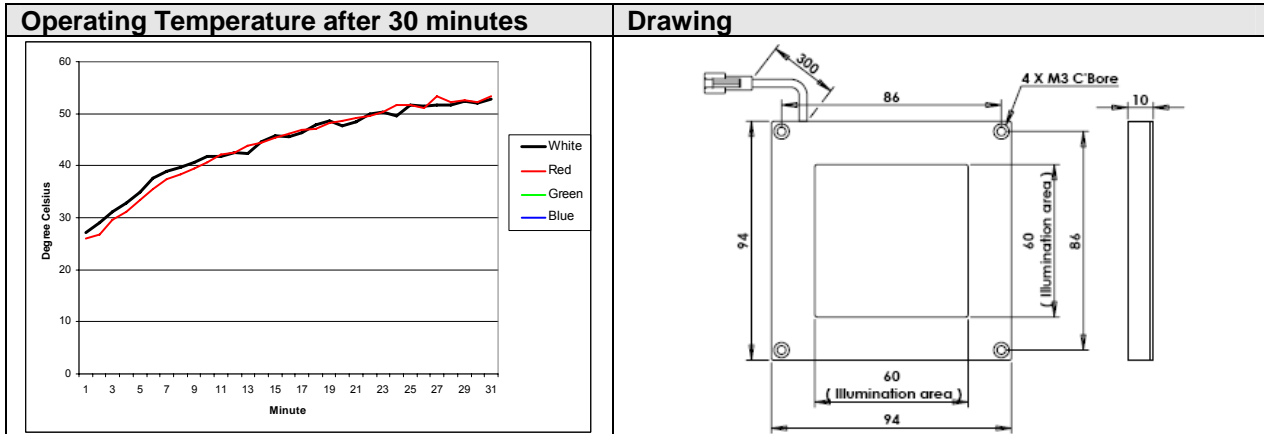




Diffuse Back Light

LFL-Si60

| Mechanical Data (TYP) | |
|---------------------------|------------------------------|
| Casing Material | Aluminum + Diffuse Acrylic |
| Storage Temperature Range | Temp 0-35°C, Humidity 20-85% |
| Weight | Approx. 160g |

| Optical Data (TYP) | R | R24 | W | G | B |
|------------------------------|-------|-----|----------------|-------|-------|
| Illumination (number of LED) | 64 | 64 | 72 | | |
| Led Color | RED | | WHITE | GREEN | BLUE |
| Wavelength | 635nm | | xy=(0.31,0.32) | 525nm | 470nm |
| Led Package | PLCC4 | | SMD | | |

| Electrical Data (TYP) | R | R24 | W | G/B |
|--------------------------------|--|--|--|-------|
| Operating Voltage | 12V ± 2% | 24V ± 2% | 24V ± 2% | |
| Reverse Battery Protection | YES | YES | YES | |
| Supply Ripple Voltage | ≤ Vs ± 5% | ≤ Vs ± 5% | ≤ Vs ± 5% | |
| Current Consumption | 0.64A | 0.32A | 0.36A | 0.24A |
| Power Consumption | 7.68W | 7.68W | 8.64W | 5.76W |
| Trigger Voltage | Continuous=12V Pulsing 12-24V 0-10% Duty Cycle | Continuous= 24V Pulsing 48V 0-10% Duty Cycle | Continuous= 24V Pulsing 48V 0-10% Duty Cycle | |
| Operating after 30 minutes | Approx. 53°C | | Approx. 53°C | |
| Additional Cooling Method | Attached to large machine part | | | |
| Life span in continuous mode | 20,000 hours (drop to 50% intensity) at 25°C | | | |
| Life span in strobe light mode | Est. >50,000 hours (drop to 50% intensity) at 25°C | | | |
| Connection | JST SMR-02V, 1:+,2:- | JST SMR-03V, 1:+,3:- | JST SMR-03V, 1:+,3:- | |
| Power Supply Selection | PSA-12V PSD-12V PSD-STL-12V | PSA-24V PSD-24V PSD-STL-48V | PSA-24V PSD-24V PSD-STL-48V | |