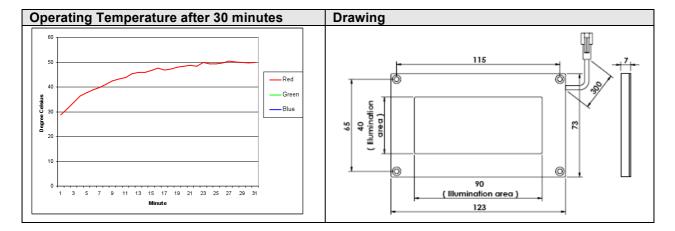


Rev. Date: 2010-02-25

Diffuse Back Light

FLFL-Si90x40-7mm





| Mechanical Data (TYP) | | | | | |
|---------------------------|------------------------------|--|--|--|--|
| Casing Material | Aluminum + Diffuse Acrylic | | | | |
| Storage Temperature Range | Temp 0-35°C, Humidity 20-85% | | | | |
| Weight | Approx. 120g | | | | |

| Optical Data (TYP) | R | R24 | W | G | В |
|------------------------------|----|------|---|---|---|
| Illumination (number of LED) | - | 54 | | - | |
| Led Color | F | RED | - | - | - |
| Wavelength | 63 | 85nm | - | - | - |
| Led Package | PL | CC4 | | - | |

| Electrical Data (TYP) | R | R24 | W/G/B | | |
|--------------------------------|--|------------------|-------|--|--|
| Operating Voltage | - | 24V ± 2% | - | | |
| Reverse Battery Protection | - | YES | - | | |
| Supply Ripple Voltage | - | ≤ Vs ± 5% | - | | |
| Current Consumption | - | 0.24A | - | | |
| Power Consumption | - | 5.76W | - | | |
| Trigger Voltage | - | Continuous= 24V | - | | |
| | | Pulsing 48V | | | |
| | | 0-10% Duty Cycle | | | |
| Operating after 30 minutes | Approx | - | | | |
| 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-03V, | - | | |
| | | 1:+,3:- | | | |
| Power Supply Selection | - | PSA-24V | - | | |
| | | PSD-24V | | | |
| | | PSD-STL-48V | | | |