

# **RADIANCE**<sup>TM</sup>

## SUNLIGHT READABLE LED DISPLAYS



**Sunlight Readability**



**Cool Operation**

### **8.4" LED DISPLAY**

**RAD-084NCXG1**

#### **Display Features:**

- Sunlight readable LCD panel with high efficiency solid state LED backlight
- **1000 cd/m<sup>2</sup>**
- Ideal for demanding Industrial, Military, and Marine applications, as well as Outdoor Kiosks, POS, and Gas Pumps
- Highly reliable LED backlight configuration provides light-source redundancy
- Includes LED driver with ultra-wide dimming range
- Exceeds performance of comparable CCFL backlight by 2.7 to 1

#### **Specifications:**

- NEC NL10276BC16-01
- 1000 cd/m<sup>2</sup>
- Operating Temperature  
-0°C - +55°C (front)  
-0°C - +65°C (rear)
- Max Resolution 1024 x 768 (XGA)
- Contrast Ratio 400:1 (typ.)
- Response Time 25 ms (typ.)
- Viewing Angle 170° (H) 170° (V)
- Pixel Pitch: 0.1665 (H) x 0.1665 (V) mm
- SYNC- LVDS (1 port)
- Power Consumption (LED Backlight)  
10.5 Watts
- Display Colors 16.7M max. at 8 bit
- Surface Treatment- AG, 3H

#### **Driver Features:**

- Regulated Input Voltage 8 -18Vdc
- +5Vdc Ref Out
- Patented stable low-end dimming (Minimum 5000:1)



 **Applied Concepts**  
INNOVATION IN POWER CONVERSION TECHNOLOGY