

## LINKLED LED LIGHT ENGINES



#### **OPERATING CONDITIONS**

- Recommended PCB temp=65°C Maximum PCB temp = 105°C
- LED Life @ 65°C PCB temp = 50,000 hours
- For maximum performance, all "LinkLED" LED Light engines should be adhered to an appropriate heat sink

#### **MECHANICAL DIMENSIONS**

Length = 52.5mm (2.07") Width = 21.0mm (0.83")

Height = 7.5mm (0.29")

#### **FEATURES / BENEFITS**

- ▲ Utilizes premium flux LUXEON® Rebel<sup>™</sup> LEDs, 100+ lumens for cool white, 100+ lumens for neutral white and 50+ lumens for warm white
- ▲ Extremely long life of 50,000 hours at 65°C PCB temperature
- ▲ Modular "Plug & Play" system for flexible design in curved or unusually shaped areas.
- Available in 3 colours (cool white, neutral white, warm white)
- ▲ FR4 based PCB With thermal adhesive backing
- ▲ Passes; IEC-60695-2-12 for glow wire
- Recognized UL components and materials

#### APPLICATIONS

- Cove lighting
- ▲ Display cases
- Bars / reception areas ▲
  - Channel letters
- ▲ Interior use only
- ▲ Advertising

#### See second page for heatsink options

#### **MATERIALS/FINISH**

- LUXEON<sup>®</sup> REBEL<sup>™</sup> LEDs
- 1.0mm FR4 clad PCB substrate
- White solder resist finish
- **ROHS** compliant
- Lead free solder

#### **PART NUMBERS**

PART NUMBER	DESCRIPTION				
LK1-C1-CW	Cool White, Rebel LED, Clear Protective Lens				
LK1-C1-NW	Neutral White, Rebel LED, Clear Protective Lens				
LK1-C1-WW	Warm White, Rebel LED, Clear Protective Lens				

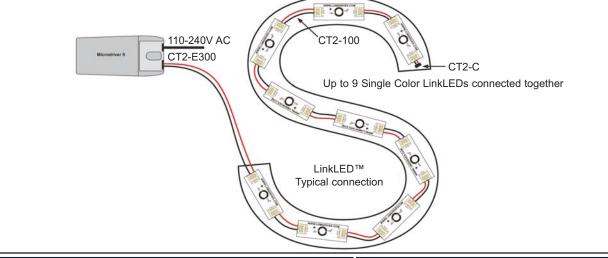
For other color options, consult factory.



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#### WIRING INFORMATION

AVAILABLE ASSOCIATED CABLES							
CT2-C	2- way common connector						
CT2-100	2- way link lead 100mm (3.39")	цц.					
CT2-1000-24	2- way link lead 100mm (3.39") 24 AWG						
CT2-200	2- way link lead 200mm (7.87")						
CT2-200-24	2- way link lead 200mm (7.87") 24 AWG						
CT2-E300	2- way input lead 300mm (11.81")						
CT2-E300-24	2- way input lead 300mm (11.81") 24 AWG						



#### **COMPATIBLE DIALIGHT DRIVERS**

MDE3-C-35	(CE compliant/ 230VAC only)		
MDU9-35-70	(UL recognized/ CE compliant 110-240VAC)		
MDU-18-V-25-100	(CE compliant 120/230VAC dimmable)		
MND70 9 Dimmable	(CE compliant 120/230VAC)		
MCDE18-350-P 18	(CE compliant 120/230VAC)		
MLD8-SC-35-70	(CE compliant 230VAC only)		

LINKLED HEATSINK OPTIONS

LK-HS9 Suitable for 9 LED's

### **TYPICAL LED PHOTOMETRIC DATA**

Colour			Max.Current Typ. Power (mA) (Watts)	CCT		Min Luminous Flux (Im) / Radiometric	Flux (lm) /	Typ. luminous flux based on input	
	(Тур)	(mA)	(waits)	Min	Тур	Max	Power (mW)		drive current of 350mA maximum power consumption 1.2W per LED Consult LUXEON REBEL data sheet for maximum input currents
Cool White	3.15	350	1.20	5000 K	5675 K	6350 K	90 lm	100 lm	
Neutral White	3.15	350	1.20	3800 K	3950 K	4100 K	90lm	100lm	
Warm White	3.15	350	1.20	2850 K	3050 K	3250 K	50lm	60lm	

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