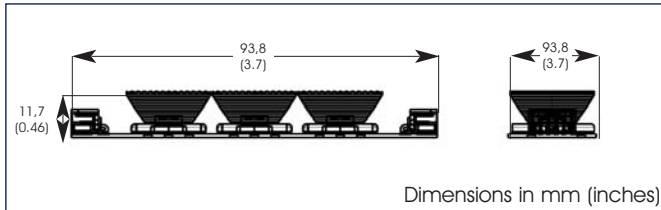


## LK3 RGB LED Light Engines with optics



### OPERATING CONDITIONS

- ▲ Recommended PCB temp=55°C (131°F)  
Maximum PCB temp = 75°C (167°F)
- ▲ LED Life @ 55°C PCB temp = 50,000 hours
- ▲ For maximum performance, all “LinkLED-RGB” LED Light Engines should be adhered to an appropriate heat sink using adhesive backing (provided)

### FEATURES / BENEFITS

- ▲ Utilizes premium flux LUXEON® Rebel™ LEDs
- ▲ Extremely long life of 50,000 hours at 55°C PCB temperature
- ▲ Modular “Plug & Play” system for flexible design in curved or unusually shaped areas.
- ▲ Can be used with Dailight CDUL335DMX
- ▲ Other colour options available (consult factory)
- ▲ FR4 based PCB With thermal adhesive backing
- ▲ Passes; IEC-60695-2-12 for glow wire
- ▲ Recognized UL components and materials
- ▲ Any application requiring dynamic color changing efficiency, long life and flexibility in size and shape of light source

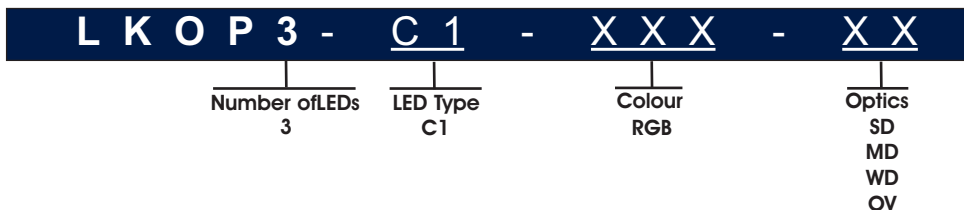
### APPLICATIONS

- ▲ Cove lighting
- ▲ Bars / reception areas
- ▲ Channel letters
- ▲ Can be integrated into OEM fixtures
- ▲ Other LK light engines available refer to website
- ▲ Display cases
- ▲ Interior use only
- ▲ Advertising

### MATERIALS/FINISH

- ▲ LUXEON® Rebel LEDs
- ▲ 1.0mm FR4 PCB substrate

### PART NUMBERS\*

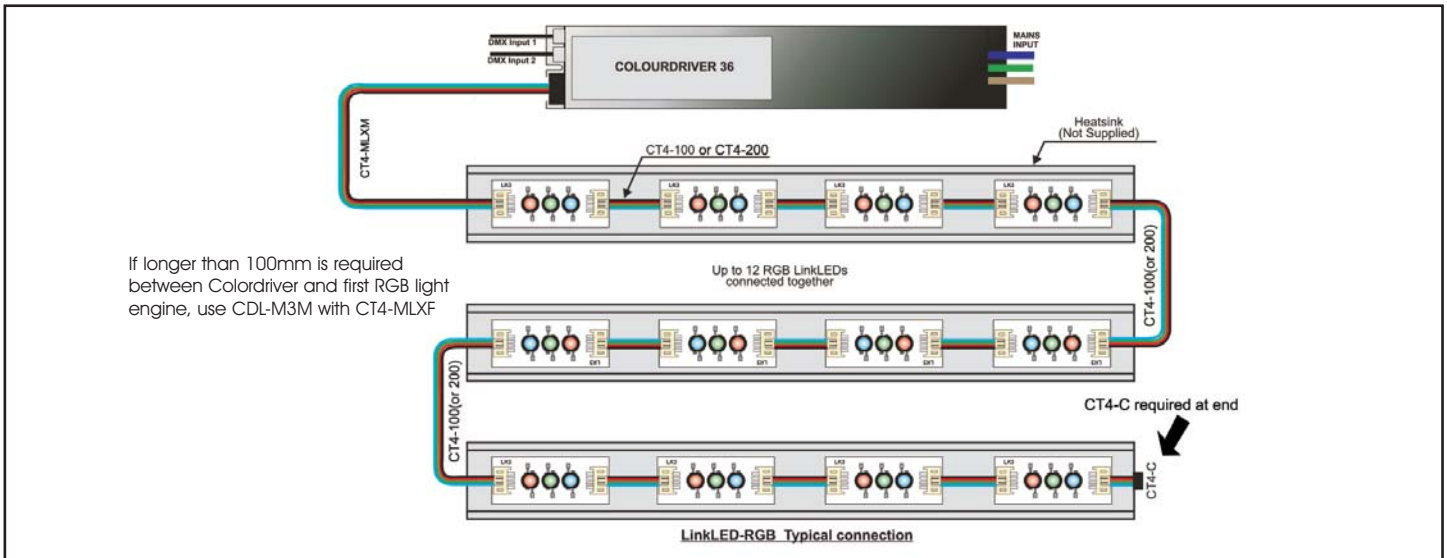


\*Other colour options available (consult factory MOQ applies)  
Dashes are for reference only

## WIRING INFORMATION

### AVAILABLE ASSOCIATED CABLES

CT4-100	4 way link lead 100mm (3.9")
CT4-100-24	4 way link lead 24AWG 100mm (3.9")
CT4-200	4 way link lead 200mm (7.9")
CT4-200-24	4 way link lead 24AWG 200mm (7.9")
CT4-C	4 way common connector
CDL-M3M	8 way Molex, male to male
CT4-MLXF	4 way connect to 8 way Molex female
CT4-MLXM	4 way connect to 8 way Molex male



### TYPICAL LED PHOTOMETRIC DATA

LED	Color	Forward Voltage (Typ)	Max. Current (mA)	Max. Power (Watts)	Dom Wavelength / CCT			Typ Luminous Flux (lm) / Radiometric Power (mW)
					Min	Typ	Max	
	Red	2.95	350	1.03	620.5 nm	627 nm	645 nm	40 lm
	Green	3.42	350	1.20	520 nm	530 nm	550 nm	50 lm
	Royal Blue	3.42	350	1.20	440 nm	455 nm	460 nm	225 mW

Maximum current input 350mA  
 Maximum power consumption  
 1.2W per LED for Blue / Green,  
 1.0W per LED for Red.

Consult LUXEON REBEL data sheet for additional information



Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.dialight.com/Assets/Brochures\\_And\\_Catalogs/Illumination/MDEXLKLDRBLOP.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXLKLDRBLOP.pdf)

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