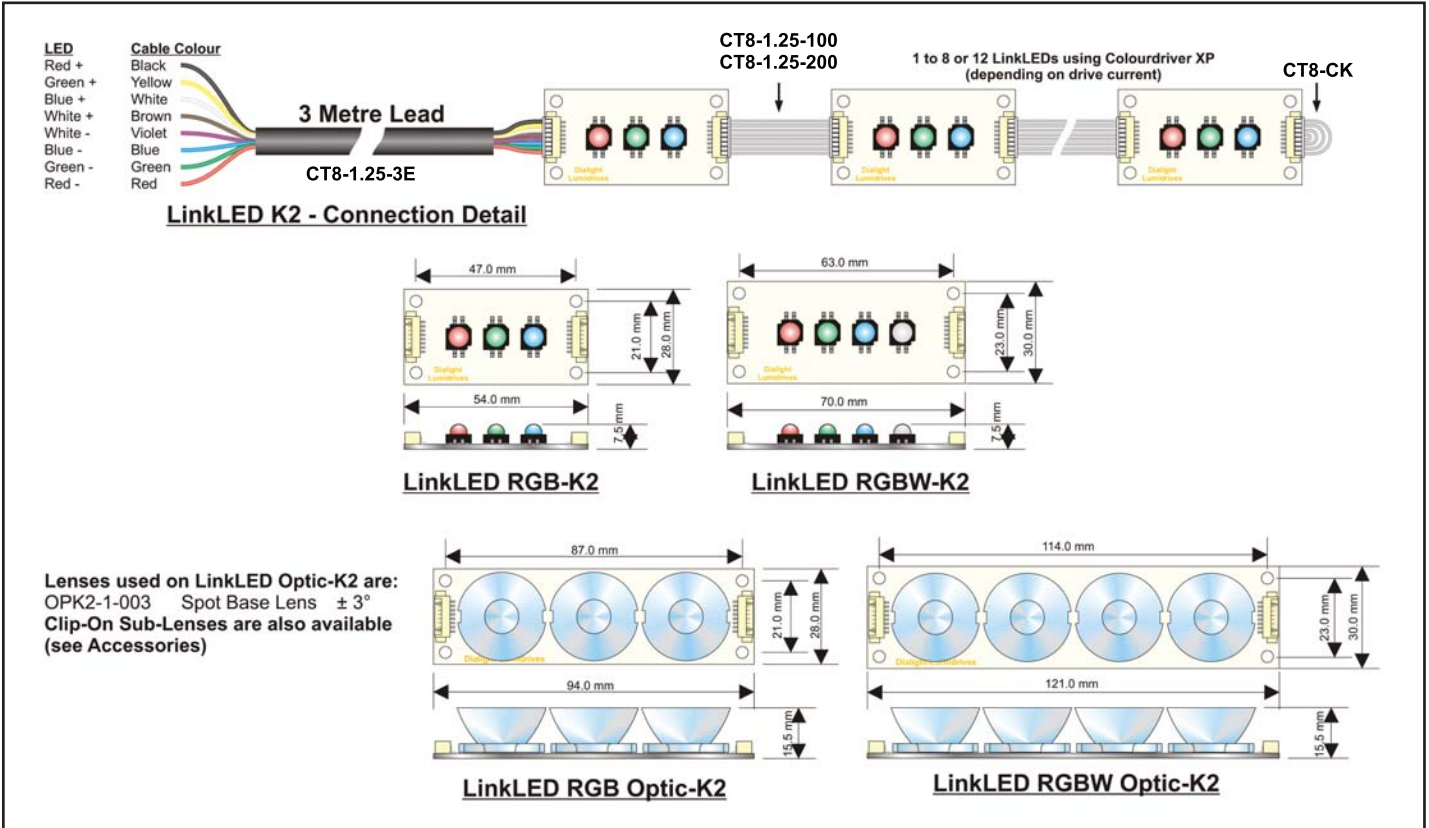


WIRING INFORMATION



MECHANICAL DIMENSIONS

| PRODUCT | LENTH | WIDTH | HEIGHT | MOUNTING HOLE SPACING |
|-------------------------|-----------------|----------------|----------------|----------------------------|
| RGB | 54.0mm (2.13") | 28.0mm (1.10") | 7.5mm (0.30") | 47 x 21mm (1.85" x 0.83") |
| RGBW / RGBA | 70.0mm (2.76") | 30.0mm (1.18") | 7.5mm (0.30) | 63 x 23mm (2.48" x 0.91") |
| RGB-OPTIC | 94.0mm (3.70") | 28.0mm (1.10") | 15.5mm (0.61") | 87 x 21mm (3.43" x 0.83") |
| RGBW-OPTIC / RGBA-OPTIC | 121.0mm (4.76") | 30.0mm (1.18") | 15.5mm (0.61") | 114 x 21mm (4.49" x 0.91") |

TYPICAL LED PHOTOMETRIC DATA

| LED | Color | Forward Voltage (Typ) | Max. Current (mA) | Dom Wavelength / CCT | | | Luminous Flux or Radiometric Power (lm or mW) | | |
|-----|------------|-----------------------|-------------------|----------------------|--------|---------|---|-------|--------|
| | | | | Min | Typ | Max | 350mA | 700mA | 1000mA |
| | Red | 2.96 | 700 | 620nm | 627nm | 645nm | 36lm | 60lm | - |
| | Green | 3.42 | 1000 | 520nm | 530nm | 550nm | 36lm | 62lm | 80lm |
| | Royal Blue | 3.42 | 1000 | 440nm | 455nm | 460nm | 176mW | 294mW | 380mW |
| | White | 3.42 | 1000 | 4500°K | 6500°K | 10000°K | 36lm | 62lm | 80lm |
| | Amber | 2.96 | 700 | 584nm | 590nm | 597nm | 36lm | 60lm | - |

Results are LED manufacturer's test data @ 25°C JTC. Light output at 55°C PCB temperature will be approximately 15-20% lower. Elevated temperatures will result in further degradation of light output. For maximum performance use appropriate heat sinking.

Dialight reserves the right to make changes at any time in order to supply the best product possible.

Dialight Lumidrives

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