

# T1 (3mm) TRILEVEL PCB LEDs & INTERLOCKING ARRAYS

PART NO: **31PCT110 TR5 -SI**

| MODEL   | LENS, COLOR, BRIGHT. | LED COLOR     | LED SPECS USED | ELECTRO-OPTICAL CHARACTERISTICS<br>T <sub>a</sub> =25°C I <sub>r</sub> =100µA(MAX) |                            |                        |                   |
|---|----------------------|---------------|----------------|--|----------------------------|------------------------|-------------------|
|   |                      |               |                | I <sub>f</sub> mA  | I <sub>v</sub> mcd min/typ | V <sub>f</sub> typ/max | λ <sub>P</sub> nm |
| <b>T1 (3mm) RT. ANGLE DIFFUSED INDICATOR PCB LEDs</b> |                      |               |                |  |                            |                        |                   |
| 31PCT110  | TR6                  | ULTRA RED     | L120TR6N       | 20   | 8.7/48                     | 1.8/2.4                | 660               |
| 32PCT110  | TR5 (N)              | HI-EFF RED    | L120TR5N       | 20   | 3.4/11                     | 2.0/2.8                | 635               |
| 33PCT110  | TR5H                 | HI-EFF RED    | L120TR5H       | 20   | 14/28                      | 1.8/2.2                | 635               |
| 34PCT110  | TR1                  | STD RED       | L120TR1N       | 10   | 0.3/0.8                    | 1.7/2.0                | 655               |
|   | T05 (N)              | ORANGE        | L120T05N       | 20   | 0.8/4                      | 2.1/2.8                | 610               |
|   | TY3K                 | 3K mcd YELLOW | L120TY3K       | 20   | 110/220                    | 1.9/2.4                | 590               |
|   | TY5 (N)              | AMBER YELLOW  | L120TY5N       | 20   | 3.4/11                     | 2.1/2.8                | 585               |
|   | TY5H                 | AMBER YELLOW  | L120TY5H       | 20   | 21/42                      | 1.9/2.7                | 585               |
|   | TG6                  | ULTRA GREEN   | L120TG6        | 20   | 22/44                      | 2.1/2.8                | 565               |
|   | TG5 (N)              | HI-EFF GREEN  | L120TG5N       | 20   | 3.4/11                     | 2.1/2.8                | 565               |
|   | TG5H                 | HI-EFF GREEN  | L120TG5H       | 20   | 28/56                      | 1.8/2.2                | 565               |
|   | TPG5                 | PURE GREEN    | L120TPG5       | 20   | 4/8                        | 2.1/2.5                | 555               |
|   | TB4                  | BLUE          | L120TB4        | 20   | 2/3.5                      | 3.2/3.7                | 470               |

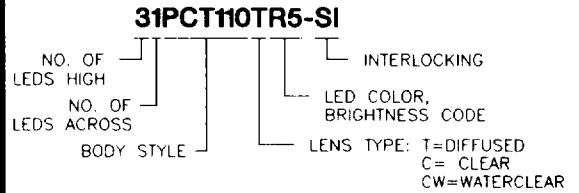
**T1 (3mm) RT. ANGLE CLEAR ILLUMINATOR PCB LEDs**

|          |         |               |            |    |         |         |     |
|----------|---------|---------------|------------|----|---------|---------|-----|
| 31PCT110 | CWR400  | ULTRA RED     | L120CWR400 | 20 | 160/400 | 1.7/2.2 | 660 |
| 32PCT110 | CWR6N   | ULTRA RED     | LD120CWR6B | 20 | 19/80   | 1.8/2.4 | 660 |
| 33PCT110 | CWR5N   | HI-EFF RED    | LD120CWR5B | 20 | 8/24    | 2.0/2.8 | 635 |
| 34PCT110 | CR5 (N) | HI-EFF RED    | L120CR5N   | 20 | 8/24    | 2.0/2.8 | 635 |
|          | CW05(N) | ORANGE        | L120CW05N  | 20 | 6/16    | 2.0/3.0 | 610 |
|          | CWY3K   | 3K mcd YELLOW | L120CWY3K  | 20 | 100/250 | 1.9/2.6 | 590 |
|          | CWY5N   | AMBER YELLOW  | L120CWY5N  | 20 | 8/24    | 2.2/2.8 | 585 |
|          | CY5 (N) | AMBER YELLOW  | L120CY5N   | 20 | 8/24    | 2.1/2.8 | 585 |
|          | CWLY5   | LIME YELLOW   | L120CWLY5  | 20 | 10/15   | 2.1/2.8 | 570 |
|          | CWG6    | ULTRA GREEN   | L120CWG6   | 20 | 30/55   | 2.1/2.8 | 565 |
|          | CWG5N   | HI-EFF GREEN  | L120CWG5N  | 20 | 8/24    | 2.1/2.8 | 565 |
|          | CG5 (N) | HI-EFF GREEN  | L120CG5N   | 20 | 8/24    | 2.1/2.8 | 565 |
|          | CWPG5   | PURE GREEN    | L120CWPG5  | 20 | 10/15   | 2.1/2.8 | 555 |
|          | CWB5    | BLUE          | L120CWB5   | 20 | 7/10    | 3.2/3.7 | 470 |

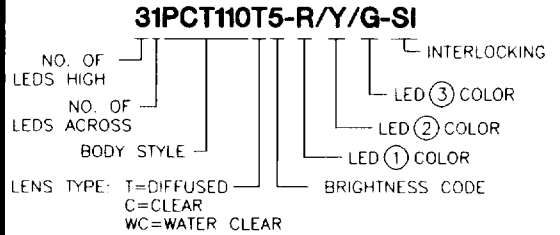
## SPECIALS

- 5V & 12V INTEGRATED RESISTOR LEDs
- SUNLIGHT VISIBLE RED LEDs
- LOW CURRENT 2mA LEDs
- BICOLOR/TRICOLOR LEDs
- INFRARED LEDs
- MULTIPLE LED ARRAYS

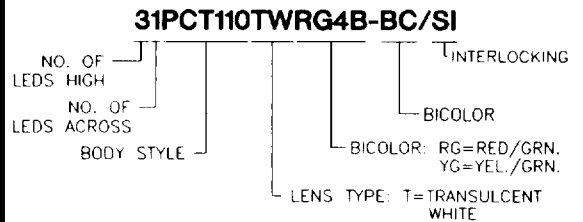
## PART NUMBER EXAMPLES: ALL LEDs SAME COLOR/LENS TYPE



## MIX COLORS/SAME TYPE LED



## ALL BICOLOR/TRICOLOR LEDs



## MIX COLORS, 5V/12V RESISTOR LEDs

