

# Single Chip LEDs

**To be introduced during 2002. Please check with EAO's sales office for final specifications, part numbers & pricing.**

**Our new single chip LEDs that meet or exceed the performance of our current multi-chip versions.**

- Cost effective
- Better illumination
- Additional colors — blue and white
- Lower power consumption and additional voltages

## Series 01, 14 Illumination

| Illumination Type                                                                                     | General Data | Electrical Ratings |           | Luminous Intensity mcd* | Single Chip P/N                      | Multi Chip P/N                       |
|-------------------------------------------------------------------------------------------------------|--------------|--------------------|-----------|-------------------------|--------------------------------------|--------------------------------------|
|                                                                                                       |              | Volts              | Milliamps |                         |                                      |                                      |
| T-5.5 Slide Base<br> | Single-Chip  | 6 DC               | 15        | 350/300/900/400/375     | 10-2106.316 <input type="checkbox"/> | 10-5106.325 <input type="checkbox"/> |
|                                                                                                       | Single-Chip  | 12 AC/DC           | 7/14      | 330/280/840/350/350     | 10-2109.106 <input type="checkbox"/> | 10-5109.320 <input type="checkbox"/> |
|                                                                                                       | Single-Chip  | 24 AC/DC           | 7/14      | 330/280/840/350/350     | 10-2112.106 <input type="checkbox"/> | 10-5112.314 <input type="checkbox"/> |
|                                                                                                       | Single-Chip  | 28 AC/DC           | 7/14      | 330/280/840/350/350     | 10-2113.106 <input type="checkbox"/> | 10-5113.314 <input type="checkbox"/> |
|                                                                                                       | Single-Chip  | 48 AC/DC           | 4/8       | 190/160/480/210/200     | 10-2119.104 <input type="checkbox"/> | 10-5119.313 <input type="checkbox"/> |

☐ Select color: 2 = Red, 4 = Yellow, 5 = Green, 6 = Blue, 9 = White \* mcd rating for Red/Yellow/Green/Blue/White  
See multi chip electrical characteristics on page 153

## Series 02, 03 Illumination

| Illumination Type                                                                                      | General Data | Electrical Ratings |           | Luminous Intensity mcd* | Single Chip P/N                      | Multi Chip P/N                       |
|--------------------------------------------------------------------------------------------------------|--------------|--------------------|-----------|-------------------------|--------------------------------------|--------------------------------------|
|                                                                                                        |              | Volts              | Milliamps |                         |                                      |                                      |
| T-6.8 Slide Base<br> | Single-Chip  | 6 DC               | 17        | 400/350/1020/450/425    | 10-2206.315 <input type="checkbox"/> | 10-5206.325 <input type="checkbox"/> |
|                                                                                                        | Single-Chip  | 12 AC/DC           | 9/17      | 400/350/1020/450/425    | 10-2209.107 <input type="checkbox"/> | 10-5209.320 <input type="checkbox"/> |
|                                                                                                        | Single-Chip  | 24 AC/DC           | 9/17      | 400/350/1020/450/425    | 10-2212.107 <input type="checkbox"/> | 10-5212.314 <input type="checkbox"/> |
|                                                                                                        | Single-Chip  | 28 AC/DC           | 9/17      | 400/350/1020/450/425    | 10-2213.107 <input type="checkbox"/> | 10-5213.314 <input type="checkbox"/> |
|                                                                                                        | Single-Chip  | 48 AC/DC           | 4/8       | 190/160/480/210/200     | 10-2219.105 <input type="checkbox"/> | 10-5219.312 <input type="checkbox"/> |

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See multi chip electrical characteristics on page 154

## Series 04, 44 Illumination

| Illumination Type                                                                                           | General Data | Electrical Ratings |           | Luminous Intensity mcd* | Single Chip P/N                      | Multi Chip P/N                       |
|-------------------------------------------------------------------------------------------------------------|--------------|--------------------|-----------|-------------------------|--------------------------------------|--------------------------------------|
|                                                                                                             |              | Volts              | Milliamps |                         |                                      |                                      |
| T-3 1/4 Bayonet Base<br> | Single-Chip  | 6 AC/DC            | 10/17     | 400/350/840/265/250     | 10-2506.108 <input type="checkbox"/> | 10-6406.331 <input type="checkbox"/> |
|                                                                                                             | Single-Chip  | 12 AC/DC           | 15        | 350/300/900/400/375     | 10-2509.114 <input type="checkbox"/> | 10-6409.324 <input type="checkbox"/> |
|                                                                                                             | Single-Chip  | 24 AC/DC           | 15        | 350/300/900/400/375     | 10-2512.114 <input type="checkbox"/> | 10-6412.316 <input type="checkbox"/> |
|                                                                                                             | Single-Chip  | 28 AC/DC           | 15        | 350/300/900/400/375     | 10-2513.114 <input type="checkbox"/> | 10-6413.316 <input type="checkbox"/> |
|                                                                                                             | Single-Chip  | 48 AC/DC           | 6         | 190/160/480/210/200     | 10-2519.105 <input type="checkbox"/> | 10-6419.315 <input type="checkbox"/> |
|                                                                                                             | Single-Chip  | 130 VAC            | 5         | 120/100/330/130/125     | 10-2H24.205 <input type="checkbox"/> |                                      |
|                                                                                                             | Single-Chip  | 230 VAC            | 3         | 70/60/200/80/75         | 10-2H25.204 <input type="checkbox"/> |                                      |

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See multi chip electrical characteristics on page 154

## Series 22, 30, 31, 51, 52, 61, 71, 41 Illumination

| Illumination Type                                                                                          | General Data | Electrical Ratings |           | Luminous Intensity mcd* | Single Chip P/N                      | Multi Chip P/N                       |
|------------------------------------------------------------------------------------------------------------|--------------|--------------------|-----------|-------------------------|--------------------------------------|--------------------------------------|
|                                                                                                            |              | Volts              | Milliamps |                         |                                      |                                      |
| T-1 3/4 Groove Base<br> | Single-Chip  | 6 DC               | 15        | 350/300/900/400/375     | 10-2306.314 <input type="checkbox"/> | 10-5306.325 <input type="checkbox"/> |
|                                                                                                            | Single-Chip  | 12 AC/DC           | 7/14      | 330/280/840/350/350     | 10-2309.106 <input type="checkbox"/> | 10-5309.320 <input type="checkbox"/> |
|                                                                                                            | Single-Chip  | 24 AC/DC           | 7/14      | 330/280/840/350/350     | 10-2312.106 <input type="checkbox"/> | 10-5312.313 <input type="checkbox"/> |
|                                                                                                            | Single-Chip  | 28 AC/DC           | 7/14      | 330/280/840/350/350     | 10-2313.106 <input type="checkbox"/> |                                      |
|                                                                                                            | Single-Chip  | 48 AC/DC           | 4/8       | 190/160/480/210/200     | 10-2319.104 <input type="checkbox"/> | 10-5319.310 <input type="checkbox"/> |

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See multi chip electrical characteristics on page 155