

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 	Single-Chip	6 DC	15	350/300/900/400/375	10-2106.316 ☐	10-5106.325 ☐
	Single-Chip	12 AC/DC	7/14	330/280/840/350/350	10-2109.106 ☐	10-5109.320 ☐
	Single-Chip	24 AC/DC	7/14	330/280/840/350/350	10-2112.106 ☐	10-5112.314 ☐
	Single-Chip	28 AC/DC	7/14	330/280/840/350/350	10-2113.106 ☐	10-5113.314 ☐
	Single-Chip	48 AC/DC	4/8	190/160/480/210/200	10-2119.104 ☐	10-5119.313 ☐

☐ 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 	Single-Chip	6 DC	17	400/350/1020/450/425	10-2206.315 ☐	10-5206.325 ☐
	Single-Chip	12 AC/DC	9/17	400/350/1020/450/425	10-2209.107 ☐	10-5209.320 ☐
	Single-Chip	24 AC/DC	9/17	400/350/1020/450/425	10-2212.107 ☐	10-5212.314 ☐
	Single-Chip	28 AC/DC	9/17	400/350/1020/450/425	10-2213.107 ☐	10-5213.314 ☐
	Single-Chip	48 AC/DC	4/8	190/160/480/210/200	10-2219.105 ☐	10-5219.312 ☐

☐ 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 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 	Single-Chip	6 AC/DC	10/17	400/350/840/265/250	10-2506.108 ☐	10-6406.331 ☐
	Single-Chip	12 AC/DC	15	350/300/900/400/375	10-2509.114 ☐	10-6409.324 ☐
	Single-Chip	24 AC/DC	15	350/300/900/400/375	10-2512.114 ☐	10-6412.316 ☐
	Single-Chip	28 AC/DC	15	350/300/900/400/375	10-2513.114 ☐	10-6413.316 ☐
	Single-Chip	48 AC/DC	6	190/160/480/210/200	10-2519.105 ☐	10-6419.315 ☐
	Single-Chip	130 VAC	5	120/100/330/130/125	10-2H24.205 ☐	
	Single-Chip	230 VAC	3	70/60/200/80/75	10-2H25.204 ☐	

☐ 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 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 	Single-Chip	6 DC	15	350/300/900/400/375	10-2306.314 ☐	10-5306.325 ☐
	Single-Chip	12 AC/DC	7/14	330/280/840/350/350	10-2309.106 ☐	10-5309.320 ☐
	Single-Chip	24 AC/DC	7/14	330/280/840/350/350	10-2312.106 ☐	10-5312.313 ☐
	Single-Chip	28 AC/DC	7/14	330/280/840/350/350	10-2313.106 ☐	
	Single-Chip	48 AC/DC	4/8	190/160/480/210/200	10-2319.104 ☐	10-5319.310 ☐

☐ 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 155