



**LEDTRONICS, INC.®**  
THE FUTURE OF LIGHT



Dome Lens CD296 Series **6-Chip** Dome Lens **High-Efficiency** Clear Indicators  
**9/32" Mtg. Dia. 2-Pin Cartridge Panel LED Lamps**  
**Direct Cross to Dialight Series 507-4xxxx-37xx**


[\(1-chip Sunlight-Viz\)](#)

[\(6-chip Sunlight-Viz\)](#)

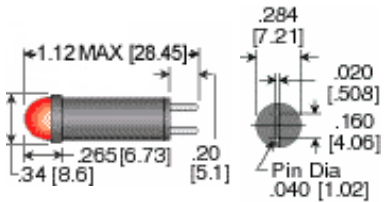
[\(6-chip Hi-Efficiency\)](#)

[\(See Special Notes\)](#)

All dimensions in inches [mm]




CD296  
ANODE (+)



Dome / Stovepipe Lens  
Cartridge

**Notes:**

- 1) Part Number shown is for Direct Incandescent replacement LED Cartridge lamp only.
- 2) See Accessories & other Custom Options at end of Page.
- 3) AC Types available for OEM applications.
- 4) Other Voltages available for OEM application
- 5) Intensity & Angle shown for LED used. Fluted Lens will reduce Intensity but increase Angle of View



**Wire Leads Option**  
Part No. Example add "-W6"  
CD290-0UY-005V-W6

Mark To Order	Part Number	Retail Price (Volume Discount Available)	Min. Order Qty	Input Volts (V)	LED Intensity I <sub>v</sub> (mcd) typ	Current I <sub>f</sub> (mA) typ	Wave Length (nm)	LED Full Angle
<b>Hi-Efficiency (635nm) (Std-Intensity 6-chip) GaAsP/GaP Tinted-Clear Lens</b>								
	CD296CR6-5V-B	\$9.00ea	10	5	45	36-42	635	160°
	CD296CR6-28V-B	\$9.00ea	10	24/28	45	12-14	635	160°
	CD296CR6-120VAC-B	\$9.00ea	10	120VAC	22	6-8	635	160°
<b>Orange (610nm) (Std-Intensity 6-chip) GaAsP/GaP Tinted-Clear Lens</b>								
	CD296CO6-5V-B	\$9.00ea	10	5	30	36-42	605	160°
	CD296CO6-28V-B	\$9.00ea	10	24/28	30	12-14	605	160°
	CD296CO6-120VAC-B	\$9.00ea	10	120VAC	15	6-8	605	160°
<b>Yellow (585nm) (Std-Intensity 6-chip) GaAsP/GaP Tinted-Clear Lens</b>								
	CD296CY6-5V-B	\$9.00ea	10	5	30	36-42	585	160°
	CD296CY6-28V-B	\$9.00ea	10	24/28	30	12-14	585	160°
	CD296CY6-120VAC-B	\$9.00ea	10	120VAC	15	6-8	585	160°
<b>Hi-Efficiency Green (565nm) (Std-Intensity 6-chip) GaP/GaP Tint-Clear Lens</b>								
	CD296CG6-5V-B	\$9.00ea	10	5	75	36-42	565	160°
	CD296CG6-28V-B	\$9.00ea	10	24/28	75	12-14	565	160°
	CD296CG6-120VAC-B	\$9.00ea	10	120VAC	37	6-8	565	160°
<b>Pure Green (555nm) (Std-Intensity 6-chip) SiC/GaN Tinted-Clear Lens</b>								
	CD296CPG6-5V-B	\$9.00ea	10	5	15	36-42	555	160°
	CD296CPG6-28V-B	\$9.00ea	10	24/28	15	12-14	555	160°
	CD296CPG6-120VAC-B	\$9.00ea	10	120VAC	7	6-8	555	160°

**Materials**

**Lens:** Polycarbonate **Socket:** Anodized Aluminum **Cartridge Hsg:** Anodized Aluminum (CM/CL/CX290) or Nylon (C290)  
**Cartridge Pins:** Steel or Hard Brass (Non-Solderable)

**Special Notes for Custom Configurations:**

- 1) For custom OEM large quantity applications, other angles of illumination available.
- 2) For custom OEM large quantity applications for reducing battery drain, low-current versions available.
- 3) For custom OEM large quantity applications, New Technology Sunlight Visible wide angle Multichips available
- 4) For custom OEM large quantity applications, Standard Intensity wide angle Multichips available

5) For custom OEM large quantity applications, BiColors Available in Single Chip and Multichip

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# i2 Technologies US, Inc.

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