

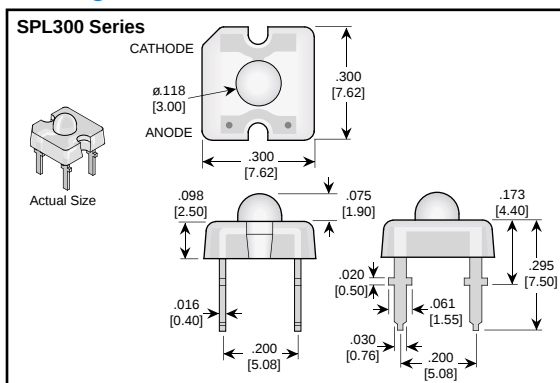
Features

- High Flux Wide Angle Operation
- Low Profile
- Low Thermal Resistance
- Solid-State, High Shock/Vibration Resistant
- Long Life/100,000+ hours
- Safety: 1/5th Response Time Over Incandescent Bulbs
- Designed to Operate at High Current

Applications

- Automotive Exterior Tail Light, Brake, and Side Marker Lighting
- Automotive Interior Lighting
- Displays and Signage Lighting
- Backlighting of Graphic Signs
- Railroad/Emergency Lighting

Package Dimensions



Part Selection

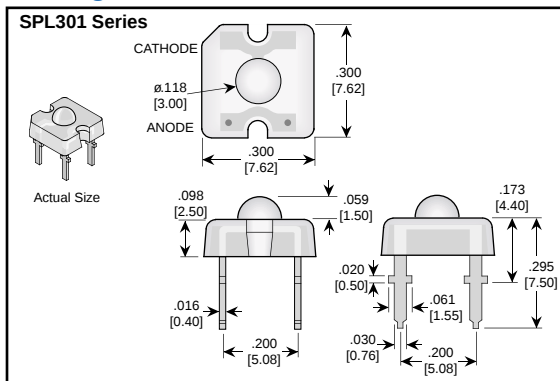
Part Number	Color	Lens Color	Electrical-Optical Characteristics (Ta = 25°C)				Full Viewing Angle
			Lum Inten Typ. I _v (mcd) @ 30mA	Total Flux Typ. Φ _v (lm) @ 70mA*	V _f = V typ/max	Pk/Dom λP/λD nm	
SPL300CWR3K	ULTRA RED	WATER CLEAR	350	800	2.0/2.6	655/645	
SPL300CWE3K	HE RED		450	1250	2.2/2.6	626/617	
SPL300CWO3K	ORANGE		450	1250	2.2/2.6	621/615	
SPL300CWO3KF	ORANGE		400	1050	2.0/2.6	612/605	
SPL300CWA3K	AMBER		500	1650	2.2/2.6	595/592	
SPL300CWY3K	AMB YELLOW		350	1100	2.0/2.6	592/587	
SPL300CWY3KH	AMB YELLOW		400	1250	2.2/2.6	592/587	

Best long term performance 10mA to 30mA

Direct Cross to:

HP: HPWA-DH00, HPWA-DL00, HPWT-DH00, HPWT-DL00

Package Dimensions



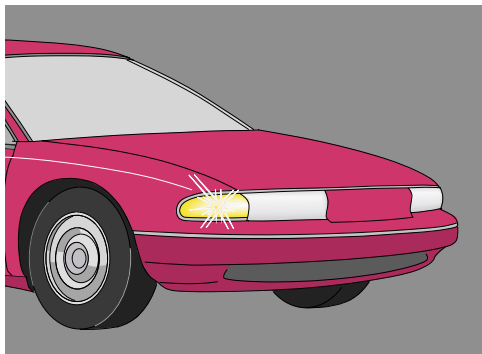
Part Selection

Part Number	Color	Lens Color	Electrical-Optical Characteristics (Ta = 25°C)				Full Viewing Angle
			Lum Inten Typ. I _v (mcd) @ 30mA	Total Flux Typ. Φ _v (lm) @ 70mA*	V _f = V typ/max	Pk/Dom λP/λD nm	
SPL301CWR3K	ULTRA RED	WATER CLEAR	250	800	2.0/2.6	655/645	
SPL301CWE3K	HE RED		375	1250	2.2/2.6	626/617	
SPL301CWO3K	ORANGE		375	1250	2.2/2.6	621/615	
SPL301CWO3KF	ORANGE		325	1050	2.0/2.6	612/605	
SPL301CWA3K	AMBER		450	1650	2.2/2.6	595/592	
SPL301CWY3K	AMB YELLOW		250	1100	2.0/2.6	592/587	
SPL301CWY3KH	AMB YELLOW		300	1250	2.2/2.6	592/587	

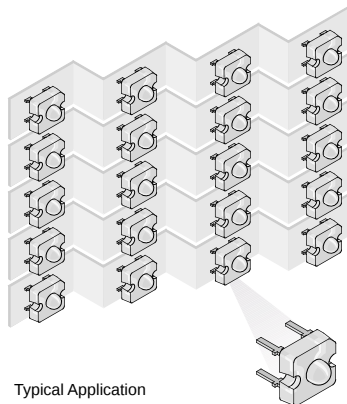
Best long term performance 10mA to 30mA

Direct Cross to:

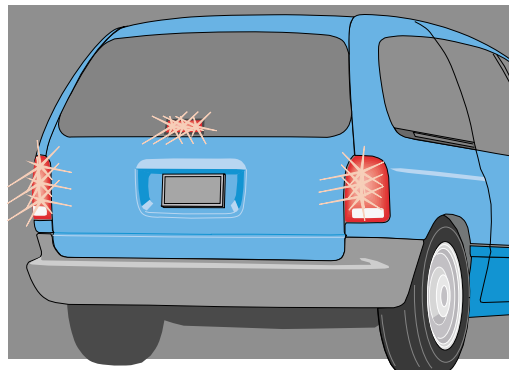
HP: HPWR-M300, HPWA-MH00, HPWA-ML00, HPWT-MH00, HPWT-ML00



Automotive Turn Signals



Typical Application



Automotive Stop and Tail Lights