



Wide-Angle. Sunlight Visible. Diffused Lens. 20mm Big Dome 6-Chip LED Lamps



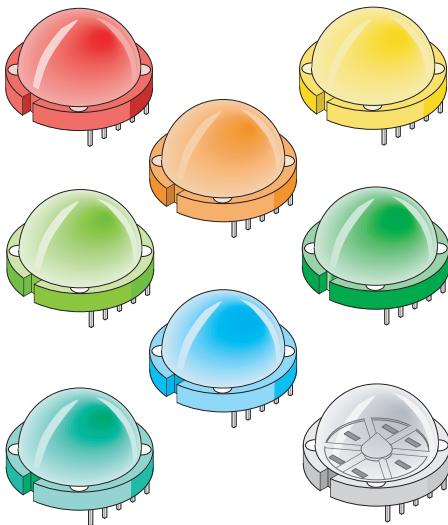
Features

- Wide-Angle (180°) Illumination
- Solid-State, High Shock/Vibration Resistant
- 12-Pin Dip-Socket Compatible
- LED Operating Life: 100,000+ Hours (10+ Years)
- Three-Year Warranty
- Fast Turn On/Off Time
- IC Compatible
- Choice of 7 Sunlight Visible Colors
- Very Low Power Consumption, Super Intensity
- New LED Chip Technology: InGaN, InGaAlP

Applications

- Large Dot Matrix Displays
- Large Status Indicators
- Dot Matrix Clocks
- Soft-Glow Night Lights
- Subdued Landscape Lighting

6-Chip Diffused MultiChip LEDs



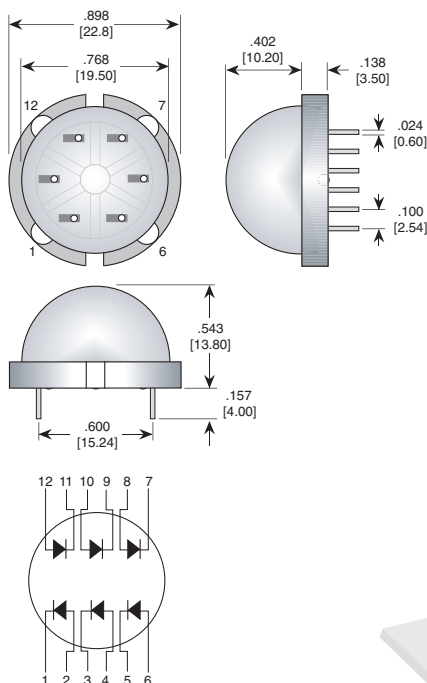
Super Intensity, Sunlight Visible

Part Number	Emitted Color	Epoxy Lens Type	Chip Material	Electrical-Optical Data (I _f = 20mA)				View Angle 2θ _{1/2}
				I _f (mA)	I _v (mcd) typ	V _f (V) typ/max	λ _p (nm)	
L806TE3K	SP RED	Diffused	GaAsP/GaP	30	2000	2.2/2.6	630	180°
L806TO3K	SP ORANGE	Diffused	InGaAlP	30	1500	2.2/2.6	611	180°
L806TY3K	SP YELLOW	Diffused	InGaAlP	30	1800	2.4/2.8	595	180°
L806TG1K	SP GREEN	Diffused	InGaAlP	30	500	2.4/2.8	574	180°
L806TAG3K	A. GREEN	Diffused	SiC/GaN	30	750	3.5/4.0	525	180°
L806TBG3K	BLU. GREEN	Diffused	SiC/GaN	30	1000	3.5/4.0	505	180°
L806TPB1K	SP BLUE	Diffused	SiC/GaN	30	300	3.5/4.0	470	180°

Standard Intensity

Part Number	Emitted Color	Epoxy Lens Type	Chip Material	Electrical-Optical Data (I _f = 20mA)				View Angle 2θ _{1/2}
				I _f (mA)	I _v (mcd) typ	V _f (V) typ/max	λ _p (nm)	
L806TR4	HE RED	Clear	GaAsP/GaP	20	150	2.2/2.8	635	180°
L806TY4	YELLOW	Clear	GaAsP/GaP	20	120	2.1/2.8	585	180°
L806TG4	HE GREEN	Clear	GaP	20	180°	2.1/2.8	568	180°

Dimensions



Typical Applications

