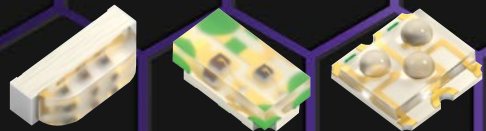




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SunLED Company, LLC 4010 Valley Blvd. #100, Walnut, CA 91789-0935 USA
Telephone: 909 594-6000 Email: sales@SunLEDusa.com Website: www.SunLEDusa.com

RoHS Compliant 

MULTICOLOR RT. ANGLE SMD LED

XZxx161W Series

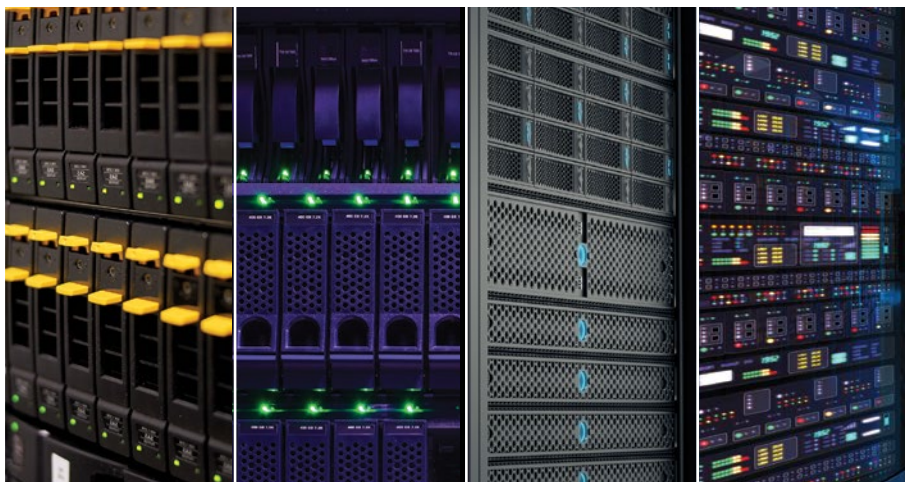


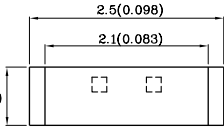
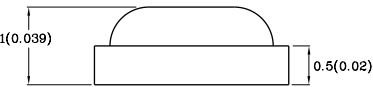
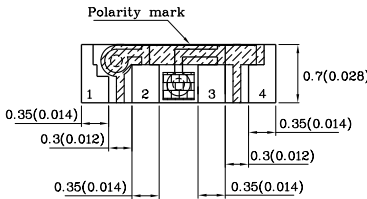
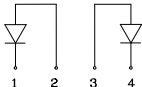
Features:

- 2.5 x 0.7 x 1.0mm Right Angle SMD
- Low Profile Height
- Ultra Low Current (IF=20mA, IF=2mA)
- Wide Viewing Angle: 130°
- MSL (Moisture Sensitivity Level): 3

Applications:

- Enterprise Solutions
- EV Chargers
- Icon and Text Backlighting
- IoT Devices
- Medical and Healthcare Devices
- Mobile Devices and Handheld Products
- Safety and Security



Part Number	λ Peak (nm)	Min. (mcd)	Typ. (mcd)	I _F (mA)	Viewing Angle	Package Dimension			
XZCBDMEDGK161W	460	40	64	20	130°				
	630	80	108						
	515	300	497						
XZCBDXMDK161W	460	40	64	20	130°				
	645	55	79						
XZCBDXMYK161W	460	40	64	20	130°				
	590	80	128						
XZCBDXVG161W	460	40	64	20	130°				
	574	20	44						
XZCCBDMEDGK161W	460	4	9	2	130°				
	630	6	9						
	515	20	59						
XZCMDKMYKD GK161W	645	6	9	2	130°				
	590	6	14						
	515	20	59						
XZM2CRKXD GK161WCC	640	200	397	20	130°				
	515	300	497						
XZM2CYKXD GK161WCC	590	120	297	20	130°				
	515	400	547						
XZMEKXMYK161W	630	20	39	20	130°				
	590	80	128						
XZMEKXVG161W	630	20	39	20	130°				
	574	20	44						
XZMEKXVG161W-A	630	20	39	20	130°				
	574	20	44						
XZMYKXVG161W-A	590	80	128	20	130°				
	574	20	44						



BI-COLOR RT. ANGLE SMD LED

XZxx170W Series

AI + Network Infrastructure Solutions



Features:

- 2.0 x 0.6 x 1.05mm Right Angle SMD LED
- Wide Viewing Angle: 140°
- Ultra Low Current Options (IF=20mA, IF=5mA)
- MSL (Moisture Sensitivity Level): 3

Applications:

- Enterprise Solutions
- EV Chargers
- Icon and Text Backlighting
- IoT Devices
- Medical and Healthcare Devices
- Mobile Devices and Handheld Products
- Safety and Security

Part Number	λ Peak (nm)	Min. (mcd)	Typ. (mcd)	I _F (mA)	Viewing Angle	Package Dimension
XZMDKDGK170W	645	20	79	20	140°	
	515	100	447			
XZMDKFBB170W5MA	645	6	19	5	140°	
	465	20	49			
XZMDKMYK170W	645	20	79	20	140°	
	590	40	98			
XZMDKVG170W	645	20	79	20	140°	
	574	8	39			
XZMYKVG170W	590	40	98	20	140°	
	574	8	39			

0603 BI-COLOR SMD

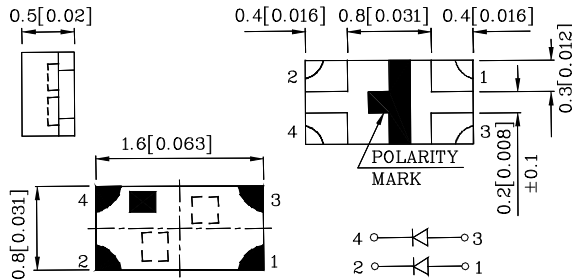
XZxxxx53W-9 Series



Features

- 1.6 x 0.8 x 0.5mm
- Dual Color Package
- Compact Footprint
- Wide Viewing Angle: 130°

Package Dimension



Part Number	λ_{Peak} (nm)	Min. (mcd)	Typ. (mcd)	I_F (mA)	Viewing Angle
XZVGMKY53W-9	574	20	49	20	130°
	590	80	118		
XZVGMDK53W-9	574	20	49	20	130°
	645	40	89		
XZCBDMKY53W-9	460	40	69	20	130°
	590	80	148		
XZDGKMDK53W-9	515	200	347	20	130°
	645	40	89		
XZCBMDK53W-9	460	40	69	20	130°
	645	40	89		
XZMYKMDK53W-9	590	80	148	20	130°
	645	40	89		

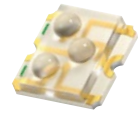
Product Applications

- Medical and Healthcare
- Enterprise Solutions
- IoT / Robotics
- Wearable Devices



3-DOME SMD LED

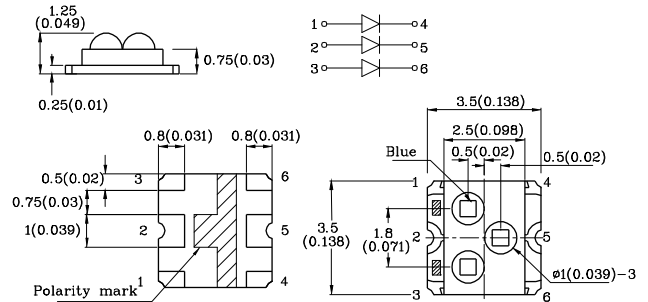
XZxxxxxx92W-3 Series



Features

- 3.5 x 3.5 x 1.25mm
- Multicolor Package
- Unique 3-dome Technology
- Narrow Viewing Angle

Package Dimension



Part Number	λ_{Peak} (nm)	Min. (mcd)	Typ. (mcd)	I_F (mA)	Viewing Angle
XZFBBM2ACRDG92W-3	465	300	497	20	50°
	640	1000	1590		
	520	1300	1890		
XZFBBM2ACRTHI92W-3	465	400	597	20	50°
	640	1000	1395		
	880	1.2mW	2.5mW		
XZM2CRKCYKFB92W-3	640	1000	1295	20	50°
	590	1000	1395		
	465	400	597		
XZM2CYKCRKD92W-3	590	1000	1590	20	50°
	640	700	1195		
	515	1000	1590		

Product Applications

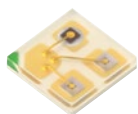
- EV Charger
- IoT / Robotics
- Industrial Equipment
- Medical and Healthcare



* Luminous intensity values and wavelengths are in accordance with CIE127-2007 standards.

UNIQUE 0404 RGB

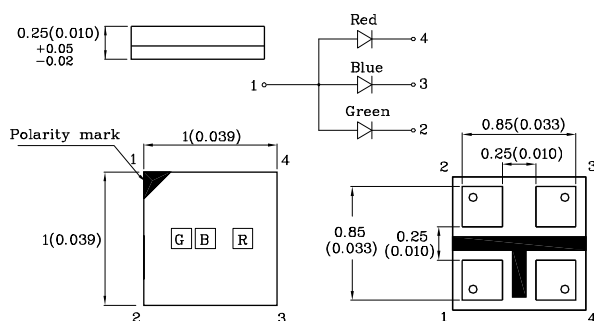
XZDGCBDMERK150W-1



Features

- 1.0 x 1.0 x 0.25mm
- Wide Viewing Angle: 150°
- Full Color RGB
- Low Current Operation

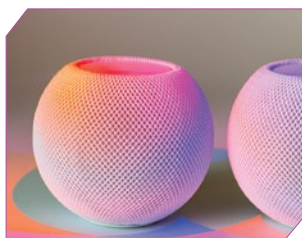
Package Dimension



Part Number	λ_{Peak} (nm)	Min. (mcd)	Typ. (mcd)	I_F (mA)	Viewing Angle
XZDGCBDMERK150W-1	515	80	218	5	150°
	460	10	22		
	632	15	29		

Product Applications

- IoT / Robotics
- Medical and Healthcare
- Icon and Text Backlighting
- Home Automation / IoT



REVERSE MOUNT RGB

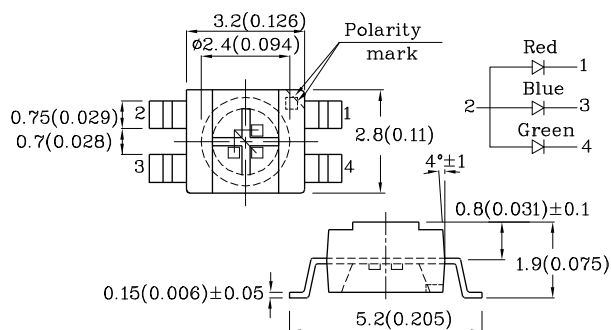
XZMDKCBDDG45S-9



Features

- 3.5 x 2.8 x 1.9mm PLCC4
- Wide Viewing Angle: 150°
- Multicolor Package
- MSL: 3

Package Dimension



Part Number	λ_{Peak} (nm)	Min. (mcd)	Typ. (mcd)	I_F (mA)	Viewing Angle
XZMDKCBDDG45S-9	645	55	108	20	120°
	460	55	98		
	515	400	498		

Product Applications

- Home Automation / IoT
- Medical and Healthcare
- EV Charger
- Safety and Security



* Luminous intensity values and wavelengths are in accordance with CIE127-2007 standards.