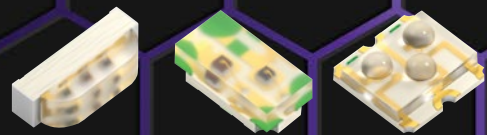
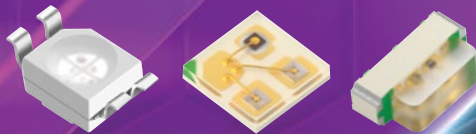




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Telephone: 909 594-6000 Email: sales@SunLEDusa.com Website: www.SunLEDusa.com

RoHS Compliant 

MULTICOLOR RT. ANGLE SMD LED

XZxx161W Series

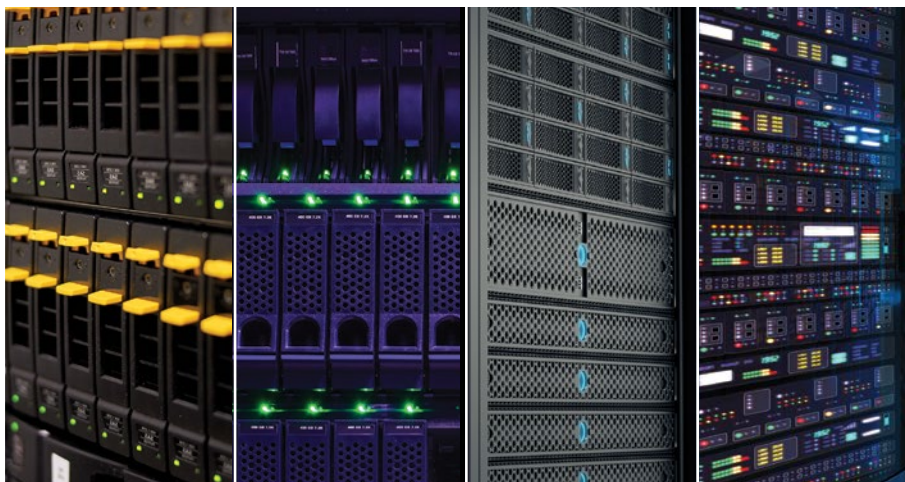


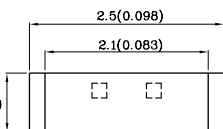
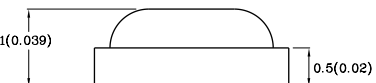
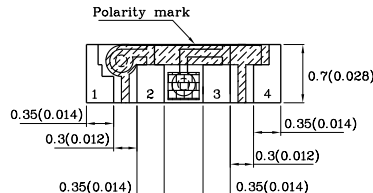
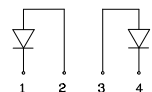
Features:

-  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						
XZCBDXYMK161W	◆ 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						
XZCMDKMYKDGGK161W	◆ 645	6	9	2	130°				
	◆ 590	6	14						
	◆ 515	20	59						
XZM2CRKXDGGK161WCC	◆ 640	200	397	20	130°				
	◆ 515	300	497						
XZM2CYKXDGGK161WCC	◆ 590	120	297	20	130°				
	◆ 515	400	547						
XZMEKXYMK161W	◆ 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°	Top view: 2(0.079) x 0.6(0.024) Side view: 1.5(0.059) x 1.05(0.041) Cross-section: 0.3(0.012) x 0.3(0.012) x 0.11(0.004) Pin dimensions: 0.33(0.013)
	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			

XZxxx53W-9 Series



 1.6 x 0.8 x 0.5mm
 Compact Footprint

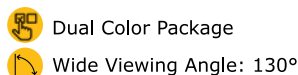


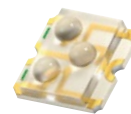
Figure 1 shows the dimensions and electrical connections of the device. The top view shows a rectangular device with a width of 0.5 [0.02] and a length of 1.6 [0.063]. The side view shows a cross-section with a total height of 0.4 [0.016] + 0.8 [0.031] + 0.4 [0.016] = 1.6 [0.063] and a total width of 0.4 [0.016] + 0.3 [0.012] = 0.7 [0.028]. The bottom view shows a square device with a side length of 0.8 [0.031] and a length of 1.6 [0.063]. The bottom view also shows a polarity mark and electrical connections for pins 1, 2, 3, and 4.

Part Number	λ Peak (nm)	Min. (mcd)	Typ. (mcd)	I _F (mA)	Viewing Angle
XZVGMKYK53W-9	 574	20	49	20	130°
	 590	80	118		
XZVGMDK53W-9	 574	20	49	20	130°
	 645	40	89		
XZCBDMYK53W-9	 460	40	69	20	130°
	 590	80	148		
XZDGKMDK53W-9	 515	200	347	20	130°
	 645	40	89		
XZCBDMDK53W-9	 460	40	69	20	130°
	 645	40	89		
XZMYKMDK53W-9	 590	80	148	20	130°
	 645	40	89		

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



XZxxxxxx92W-3 Series



 3.5 x 3.5 x 1.25mm
 Multicolor Package

 Unique 3-dome Technology
 Narrow Viewing Angle

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		
XZM2CYKCRKDG92W-3	 590	1000	1590	20	50°
	 640	700	1195		
	 515	1000	1590		

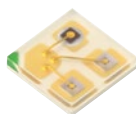
- EV Charger
- IoT / Robotics
- Industrial Equipment
- Medical and Healthcare



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

UNIQUE 0404 RGB

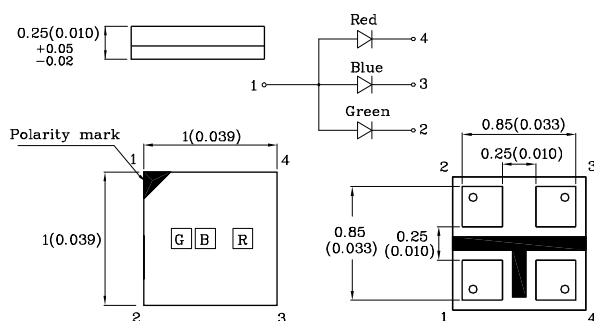
XZDGCBDMERK150W-1



Features

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

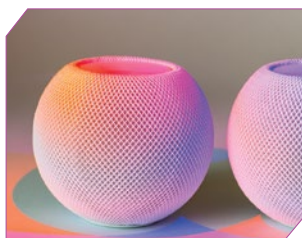
Package Dimension



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

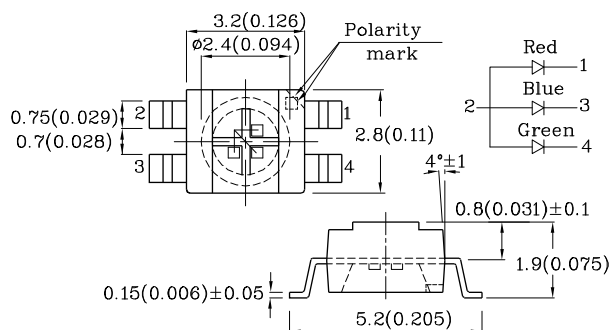
XZMDKCBDDG45S-9



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.