



# EVERLIGHT AMERICAS

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LED Signage

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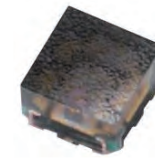
## TH Type Series



**EALP05RD Series**  
5mm Round

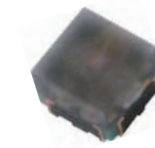
Dimension(mm)	5x5x8.7
Emitting Color	R, G, B, Y, Bluish Green
$\lambda_d$ (nm)	R:619-628 / G:525-535 / B:465-475 / Y:586-594 / V:498-513
Iv (mcd)(Min./Max.)	R:4500/11250 / G:7150/14250 / B:2250/4500 / Y:4500/11250 / V:5650/9000
V <sub>F</sub> (V)(Typ./Max.)	R:2.2/2.4 / G:3.2/3.6 / B:3.2/3.6 / Y: 2.2/2.6 / V:3.2/3.6
View Angle (°)	30°
I <sub>F</sub> (mA)	20
Application	Variable message signs (VMS)

## SMD Chip Type Series



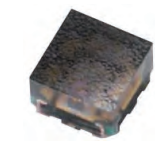
**EAST1010RGB Series**

Dimension(mm)	1.0 x 1.0 x 0.65
Emitting Color	R.G.B. (3-in-1, Full Color)
$\lambda_d$ (nm)	R:619-629 / G:523-528 / B:463-468
Iv (mcd)(Min./Typ./Max.)	R:18.4/24/31 / G:61/80/104 / B:8.8/15.5/25.4
V <sub>F</sub> (V)(Min./Typ./Max.)	R:1.7/2.0/2.4 / G:2.5/2.9/3.2 / B:2.5/2.9/3.2
View Angle (°)	120°
I <sub>F</sub> (mA)	5
Application	Indoor signage (P1.6-P2.5)



**EAST0808RGB Series**

Dimension(mm)	0.8 x 0.8 x 0.65
Emitting Color	R.G.B. (3-in-1, Full Color)
$\lambda_d$ (nm)	R:619-629 / G:525-530 / B:465-470
Iv (mcd)(Min./Typ./Max.)	R:11.8/15.4/20 / G:61/80/104 / B:8.8/15.5/25.4
V <sub>F</sub> (V)(Min./Typ./Max.)	R:1.7/2.0/2.4 / G:2.5/2.9/3.2 / B:2.5/2.9/3.2
View Angle (°)	120°
I <sub>F</sub> (mA)	3 / 5 / 5
Application	Indoor signage (P1.2-P1.6)



**EAST0606RGB Series**

Dimension(mm)	0.69 x 0.69 x 0.5
Emitting Color	R.G.B. (3-in-1, Full Color)
$\lambda_d$ (nm)	R:619-631 / G:514-532 / B:461-476
Iv (mcd)(Min./Typ./Max.)	R:10.4/23.4/33.6 / G:45/71/111 / B:11/17/26.5
V <sub>F</sub> (V)(Min./Typ./Max.)	R:1.6/2.0/2.3 / G:2.3/3.3/3.7 / B:2.3/3.3/3.7
View Angle (°)	120°
I <sub>F</sub> (mA)	5
Application	Indoor signage (under P1)



**EAST0505RGB Series**

Dimension(mm)	0.55 x 0.55 x 0.5
Emitting Color	R.G.B. (3-in-1, Full Color)
$\lambda_d$ (nm)	R:616-631 / G:515-533 / B:462-477
Iv (mcd)(Min./Typ./Max.)	R:10.4/23.4/33.6 / G:37/64.2/93 / B:7.9/13.8/23.8
V <sub>F</sub> (V)(Min./Typ./Max.)	R:1.6/2.0/2.3 / G:2.4/3.3/3.6 / B:2.4/3.3/3.6
View Angle (°)	120°
I <sub>F</sub> (mA)	5
Application	Indoor signage (P0.75)

## PLCC Type Series (Outdoor)



**EAPL2020RGBA Series**

Dimension(mm)	2.05x2.15x1.9
Emitting Color	R.G.B. ( 3-in-1, Full color)
$\lambda_d$ (nm)	R:615-630 / G:517-535 / B:465-480
Iv (mcd)(Min./Typ./Max.)	R:320/540/705 / G:460/800/1315 / B:70/122/198
V <sub>F</sub> (V)(Min./Typ./Max.)	R:1.8/2.0/2.4 / G:2.4/3.2/3.4 / B:2.4/3.2/3.4
View Angle (°)	110°
I <sub>F</sub> (mA)	R:15 / G:8 / B:5
Application	Outdoor Signage(P3-P5)



**EAPL2827RGBA Series**

Dimension(mm)	2.7x2.7x2.45
Emitting Color	R.G.B. ( 3-in-1, Full color)
$\lambda_d$ (nm)	R:615-630 / G:517-535 / B:465-480
Iv (mcd)(Min./Typ./Max.)	R:500/865/1098 / G:965/1905/2448 / B:150/295/426
V <sub>F</sub> (V)(Min./Typ./Max.)	R:1.8/2.2/2.6 / G:2.5/3.2/3.5 / B:2.5/3.2/3.5
View Angle (°)	110°
I <sub>F</sub> (mA)	R:20 / G:15 / B:10
Application	Outdoor Signage (P6-P8)

Maximizing lifecycles with maximum respect for the cycle of life.



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