

PLCC Type Series
(Indoor)



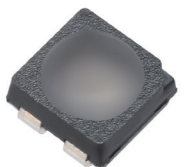
EAPL3528xx-ELB
Series
Mono Color

Dimension(mm)	3.5x2.8x1.9	
Emitting Color	Yellow	Red
λd (nm)	Y:587-593	R:620-629
Iv (mcd)(Min./Typ./Max.)	Y:715/1029/1234	R:715 / 1010 / 1420
Vf (V)(Min./Typ./Max.)	Y:1.7/2.1/2.4	R:1.7 / 2.1 / 2.4
View Angle (°)	120°	
If (mA)	20	
Application	Indoor Signage	



EAPL3528xx- ELB
Series

Dimension(mm)	3.5x2.8x1.84	
Emitting Color	R.G.B. (3-in-1, Full Color)	
λd (nm)	R:620.5-627.5 / G:518-533 / B:461.5-471.5	
Iv (mcd)(Min./Typ./Max.)	R:165/220/288 / G:650/957.5/1350 / B:150/210/310	
Vf (V)(Min./Typ./Max.)	R:1.7/2.0/2.6 / G:2.7/3.3/3.6 / B:2.7/3.3/3.6	
View Angle (°)	120°	
If (mA)	20	
Application	Indoor Signage	



EAPL2121RGBA0
-ELB

Dimension(mm)	2.1x2.1x1	
Emitting Color	R.G.B	
λd (nm)	R:615-630 / G:517-535 / B:465-480	
Iv (mcd)(Min./Typ./Max.)	R:198-435 / G:240-526 / B:25-78	
Vf (V)(Min./Typ./Max.)	R:1.6-2.6 / G:2.4-3.4 / B:2.4-3.4	
View Angle (°)	120°	
If (mA)	R:15 / G:8 / B:5	
Application	Indoor Signage	



EAPL1010RGBA0
- ELB

Dimension(mm)	1.0 x 1.0 x 0.65	
Emitting Color	R.G.B. (3-in-1, Full Color)	
λd (nm)	R:619-629 / G:523-529 / B:463.5-469.5	
Iv (mcd)(Min./Typ./Max.)	R:21-35.5 / G:53.5-104 / B:8.8-23.5	
Vf (V)(Min./Typ./Max.)	R:1.7/2.0/2.4 / G:2.3/2.9/3.4 / B:2.3/2.9/3.4	
View Angle (°)	120°	
If (mA)	5	
Application	Indoor signage (P1.6-P2.5)	

PLCC Type Series
(Outdoor)



EAPL2727RGBA0
- ELB

Dimension(mm)	2.84x2.74x2.45	
Emitting Color	R.G.B	
λd (nm)	R:615-630 / G:517-535 / B:465-480	
Iv (mcd)(Min./Typ./Max.)	R:500-1098 / G:965-2448 / B:150-426	
Vf (V)(Min./Typ./Max.)	R:1.8-2.6 / G:2.5-3.5 / B:2.5-3.5	
View Angle (°)	120°	
If (mA)	R:20 / G:15 / B:10	
Application	Outdoor Signage	



EAPL1515RGBA0
-ELB

Dimension(mm)	1.5x1.6x1.65	
Emitting Color	R.G.B	
λd (nm)	R:615-630 / G:517-535 / B:465-480	
Iv (mcd)(Min./Typ./Max.)	R:320-705 / G:460-1315 / B:70-198	
Vf (V)(Min./Typ./Max.)	R:1.8-2.4 / G:2.4-3 / B:2.4-3.4	
View Angle (°)	120°	
If (mA)	R:15 / G:8 / B:5	
Application	Outdoor Signage	

Maximizing lifecycles with
maximum respect
for the cycle of life.



Your source of information : enter www.everlightamericas.com for all advanced
EVERLIGHT optoelectronic products and updated specifications.
Structure and material depend on customer request.

ASIA

CHINA

CHINA, HONG KONG
EVERLIGHT ELECTRONICS CO., LTD.
Units 1606-1610, 16/F., Prosperity Place,
6 Shing Yip Street, Kwun Tong, Kowloon,
Hong Kong
TEL: +852-2388-0602
FAX: +852-2388-1127, 2384-3092

CHINA, SHENZHEN

EVERLIGHT ELECTRONICS CO., LTD.
Room 1101-1102, 3A Building ,Period 1 ,
Tian An Cloud Park ,NO.2018,Xuegang Rd.,
Bantian Sub-District, LongGang District,
Shenzhen City, Guangdong Province, China
Postcode: 518010
TEL: +86-0755-2163-8620
FAX: +86-0755-2163-8764

CHINA, GUANGZHOU

EVERLIGHT ELECTRONICS CO., LTD.
1501 15 F1..No.266 Xi Huan Road,
Sha Tou Street, Panyu District,
Guangzhou, China
Postcode: 511400
TEL: +86-(0)20-8466-3392
FAX: +86-(0)20-8466-3372

CHINA, SUZHOU

EVERLIGHT ELECTRONICS CO., LTD.
5F, Wanrong International Building,
NO. 3158, Renmin Rd., Gusu Dist., Suzhou City,
Jiangsu Province, P.R. China
Postcode: 215011
TEL: +86-(0)512-8860-5888

CHINA, TIANJIN

EVERLIGHT ELECTRONICS CO., LTD
Room 505,Michael kuan in the valley of
e Imagination world, No 37. Nankai Three Road,
Nankai District,TianJin,China
Postcode: 300100
TEL: +86-22-2635-1122, 2635-1133

KOREA

EVERLIGHT OPTOELECTRONICS
KOREA CO., LTD.
7F S706-1 Garden 5 Works Choongmin Rd52.,
Songpa-gu, Seoul, KOREA.
TEL: +82-2-2047-3960
FAX: +82-2-2047-3961
EMAIL: terrychoi@everlightkorea.com

JAPAN, TOKYO

EVERLIGHT JAPAN CORPORATION
4F MITA SUN BLDG., 1-3-35 MITA,
MINATO-KU, TOKYO, 108-0073, JAPAN
TEL: +81-3-5439-9296
FAX: +81-3-5439-9288
EMAIL: elj@everlight.com

JAPAN, KYOTO

EVERLIGHT JAPAN CORPORATION
7F, MITSUISEIMEI KYOTO YAMASHINA BLDG.
46-1, TAKEHANADOUNOMAECHOU,
YAMASHINA KU, KYOTO, 607-8085, JAPAN
TEL: +81-75-584-6070
FAX: +81-75-584-6080
EMAIL: elj@everlight.com

INDIA, NEW DELHI

EVERLIGHT ELECTRONICS INDIA PRIVATE LTD.
Building Name : I-THUM
Office No 407A, 4th Floor
A-40, Sec-62, Noida-201309
Mobile: +91-981-1831442
EMAIL: salesindia@everlight.com

MALAYSIA

EVERLIGHT OPTOELECTRONICS(M) SDN BHD
B-04-20 Krystal Point,
303 Jalan Sultan Azlan Shah,
11900 Penang, Malaysia
TEL: +60-4-646-4233
FAX: +60-4-646-5233
EMAIL: inquiry@everlight-pg.com.my

SINGAPORE

EVERLIGHT ELECTRONICS SINGAPORE PTE LTD
66 Tannery Lane #01-03M,
SINDO Building, Singapore 347805
TEL:+65-6747-7937
EMAIL: contact@everlight.com.sg

AMERICA

TEXAS USA

EVERLIGHT AMERICAS INC.
3220 Commander Drive, Suite 100
Carrollton,Texas, 75006, United States
TEL: +1-972-490-4008
FAX: +1-972-490-5009
EMAIL: salesmarketing@everlightamericas.com

CALIFORNIA USA

EVERLIGHT AMERICAS INC.
4237 East Airport Dr.
Ontario, California 91761, United States
TEL: +1-909-937-6070
FAX: +1-909-937-7619
EMAIL: salesmarketing@everlightamericas.com

SAN JOSE USA

EVERLIGHT AMERICAS INC.
960 Saratoga Ave., Suite 112,
San Jose, California, 95129, United States
TEL: +1-408-816-7548
FAX: +1-408-816-7569
EMAIL: salesmarketing@everlightamericas.com

EUROPE

GERMANY, KARLSRUHE

EVERLIGHT ELECTRONICS EUROPE GMBH
Siemensallee 84, Building 7302, 5F
76187 Karlsruhe, Germany
TEL: +49-721-82447-3
FAX: +49-721-82447-40
EMAIL: info@everlight-eu.de

Signage

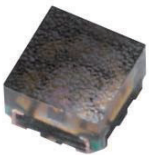
MORE LIGHT
FOR ALL

LED Signage

www.everlightamericas.com

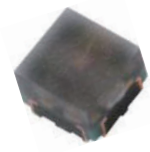
EVERLIGHT
AMERICAS

SMD Chip Type Series



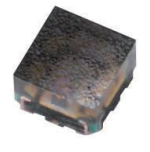
EAST1010xx
- ELB Series

Dimension(mm)	1.0 x 1.0 x 0.65
Emitting Color	R,G,B, (3-in-1, Full Color)
λ _d (nm)	R:619-629 / G:523-529 / B:463.5-469.5
I _v (mcd)(Min./Typ./Max.)	R:21-35.5 / G:53.5-104 / B:8.8-23.5
V _f (V)(Min./Typ./Max.)	R:1.7/2.0/2.4 / G:2.3/2.9/3.4 / B:2.3/2.9/3.4
View Angle (°)	120°
I _f (mA)	5
Application	Indoor signage (P1.6-P2.5)



EAST0808xx
- ELB Series

Dimension(mm)	0.8 x 0.8 x 0.65
Emitting Color	R,G,B, (3-in-1, Full Color)
λ _d (nm)	R:619-629 / G:523-529 / B:463.5-469.5
I _v (mcd)(Min./Typ./Max.)	R:11/16/21.7 / G:52/77/102 / B:9.5/18/26.6
V _f (V)(Min./Typ./Max.)	R:1.7/2.0/2.4 / G:2.6/2.9/3.4 / B:2.6/2.9/3.4
View Angle (°)	120°
I _f (mA)	3 / 5 / 5
Application	Indoor signage (P1.2-P1.6)



EAST0707xx
- ELB Series

Dimension(mm)	0.69 x 0.69 x 0.65
Emitting Color	R,G,B, (3-in-1, Full Color)
λ _d (nm)	R:619-631 / G:515-533 / B:462-477
I _v (mcd)(Min./Typ./Max.)	R:10.4/23.4/33.6 / G:37/64.2/93 / B:7.9/13.8/23.8
V _f (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 _f (mA)	5
Application	Indoor signage (under P1)



EAST0505xx
- ELB Series

Dimension(mm)	0.55 x 0.55 x 0.5
Emitting Color	R,G,B, (3-in-1, Full Color)
λ _d (nm)	R:616-631 / G:515-533 / B:462-477
I _v (mcd)(Min./Typ./Max.)	R:10.4/23.4/33.6 / G:37/64.2/93 / B:7.9/13.8/23.8
V _f (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 _f (mA)	5
Application	Indoor signage (P0.7)



EAST0909xx
- ELB Series

Dimension(mm)	0.95x0.95x0.65
Emitting Color	R,G,G,B
λ _d (nm)	R:616-631 / GA:517-538 / GB:517-538 / B:460-478
I _v (mcd)(Min./Typ./Max.)	R:13.8/20/32.5 / GA:24/41.5/72.5 / GB:24/41.5/72.5 / B:6.5/11.3/19.6
V _f (V)(Min./Typ./Max.)	R:1.7/2.0/2.35 / G:2.3/3.3/3.7 / G:2.3/3.3/3.7 / B:2.3/3.3/3.7
View Angle (°)	120°
I _f (mA)	5
Application	Indoor Signage (P1.2 real pixel) (P0.6 virtual pixel)

Maximizing lifecycles with maximum respect for the cycle of life.



Your source of information : enter www.everlightamericas.com for all advanced EVERLIGHT optoelectronic products and updated specifications. Structure and material depend on customer request.



TH Type Series



EALP05RDJxx- ELB Series
5mm Round

Dimension(mm)	5x5x8.7
Emitting Color	R, G, B, Y, Bluish Green
λ _d (nm)	R:619-628 / G:525-535 / B:465-475 / Y:586-594 / V:498-513
I _v (mcd)(Min./Max.)	R:3600/7150 / G:9000/18000 / B:2850/7150 / Y:3600/7150 /V:5650/14250
V _f (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 (°)	23°
I _f (mA)	20
Application	Variable message signs (VMS)



EALP05RDxx- ELB Series
5mm Round

Dimension(mm)	5x5x8.7
Emitting Color	R, G, B, Y
λ _d (nm)	R:619-628 / G:525-535 / B:465-475 / Y:586-594
I _v (mcd)(Min./Max.)	R:9000/18000 / G:14250/28500 / B:4500/11250 / Y:7150/18000
V _f (V)(Typ./Max.)	R:2.0/2.6 / G:3.2/3.6 / B:3.2/3.6 / Y: 2.0/2.6
View Angle (°)	15°
I _f (mA)	20
Application	Variable message signs (VMS)



EALP05RDLxx- ELB Series
5mm Round

Dimension(mm)	5x5x8.7
Emitting Color	R, G, B, Y, Bluish Green
λ _d (nm)	R:619-628 / G:525-535 / B:465-475 / Y:586-594 / V:498-513
I _v (mcd)(Min./Max.)	R:4500/11250 /G:7150/14250 /B:2250/4500 / Y:4500/11250 /V:5650/9000
V _f (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 _f (mA)	20
Application	Variable message signs (VMS)

Maximizing lifecycles with maximum respect for the cycle of life.



Your source of information : enter www.everlightamericas.com for all advanced EVERLIGHT optoelectronic products and updated specifications. Structure and material depend on customer request.



TH Type Series



EALP03OLAx- ELB Series
3mm Oval

Dimension(mm)	3x3.9x7.3
Emitting Color	R, G, B
λ _d (nm)	R:619-629 / G:520-535 / B:460-475
I _v (mcd)(Min./Max.)	R:715-1495/G:1230-3060/B:240-650/3474BA R:1976-4600/G:5020-12000/B:934-2130/3474DK R:1205-2490/G:2781-5760/B:550-1130/3474BK
V _f (V)(Typ./Max.)	R:1.6-2.6 / G:2.4-3.4 / B:2.4-3.4
View Angle (°)	X: 110° Y: 60°
I _f (mA)	20
Application	Outdoor Signage,variable message signs(VMS)



EALP05OLAx- ELB Series
5mm Oval

Dimension(mm)	5.2x3.8x7
Emitting Color	R, G, B, Y
λ _d (nm)	R:619-628 / G:525-535 / B:465-475 / Y:586-594
I _v (mcd)(Min./Max.)	R:1200/2040 / G:2880/4970 / B:720/1450 / Y: 1220/2040
V _f (V)(Typ./Max.)	R:2.2/2.4 / G:3.2/3.6 / B:3.2/3.6 / Y: 2.2/2.6
View Angle (°)	X: 110° Y: 40°
I _f (mA)	20
Application	Variable message signs (VMS)



EALP05OLBxx
EALP05OLCxx
- ELB Series
5mm Oval

Dimension(mm)	5.2x4.6x7.9
Emitting Color	6364 Series-G, B / 6374 Series-R, Y
λ _d (nm)	R:619-628 / G:525-535 / B:465-475 / Y: 586-594
I _v (mcd)(Min./Max.)	R:1720/2850 / G:4200/6050 / B:1125/2250 / Y:1720/2850
V _f (V)(Typ./Max.)	R:2.0/2.6 / G:3.2/3.6 / B:3.2/3.6 / Y: 2.0/2.6
View Angle (°)	6364 Series—X: 70° Y: 40° 6374 Series—X: 65° Y: 40°
I _f (mA)	20
Application	Variable message signs (VMS)

Maximizing lifecycles with maximum respect for the cycle of life.



Your source of information : enter www.everlightamericas.com for all advanced EVERLIGHT optoelectronic products and updated specifications. Structure and material depend on customer request.