



# LEDs

Leading provider of LED solution service  
PRODUCT CATALOG

# LEDS

Leading provider of LED solution service

**PRODUCT CATALOG**

# ABOUT COMPANY



## Short history and mission

InterElcom has been operating in the Polish market since 2011, but its core consists of individuals with many years of experience in trading electronic components and devices in Poland, European, and Asian markets, as well as extensive expertise in modern electronic technologies. At the heart of our company lies the desire to simplify and streamline the entire electronics trading process so that customers can quickly and affordably obtain products that meet their needs.

We are a company focused on dynamic growth, and our mission is to ensure that the quality of our services always remains at the highest level. Our suppliers highly value their cooperation with us, and our customers point to our reliable service, trustworthy information, and extensive technical support. This is exactly what matters to us - to be close to the customer and to serve them with our technical and commercial expertise in a friendly atmosphere. An expression of their trust in us is a series of distribution agreements with InterElcom.

At the heart of our company lies the desire to simplify and streamline the entire electronics trading process so that our clients can quickly and affordably obtain products that meet their needs.



**We take on the challenge,  
our clients reap the pleasure**

# PRODUCT CATALOG

## ■ CHIP Series

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5	Top View LED
6	Right Angle LED
7	Reverse Mount LED
8	Dome Lens LED
9 - 10	Multicolor LED
11	Right Angle Multicolor LED
12	Infrared LED
12	Phototransistor LED

## ■ Top Series

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13 - 14	Top View LED
15	Right Angle LED
16	Dome Lens LED
17	Multicolor LED

# CHIP Series

## Top View Chip LED Series

### Features

- RoHS compliant
- Long operating life
- Various colors brightness available
- Moisture sensitivity level : 3
- Excellent color consistency

### Application

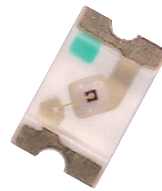
- 3C product
- Status indicator
- Smart appliances
- Wearable and portable devices



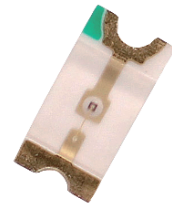
(0402) L1.05\*W0.55\*H0.45



(0603) L1.6\*W0.8\*H0.6



(0805) L2.0\*W1.2\*H1.1



(1206) L3.2\*W1.6\*H1.1

Part No.	Color	$\lambda_d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-1005R-SB-C-04	Red	617-630	1.9-2.4	70-150	120	IF=20mA
IE-1005O-SB-C-04	Orange	600-610	1.9-2.4	70-150		
IE-1005Y-SB-C-04	Yellow	585-595	1.9-2.4	70-150		
IE-1005G-SB-C-04	Yellow Green	568-575	1.9-2.4	30-70		
IE-1005PG-SB-C-04	Green	515-535	2.9-3.4	400-1000		
IE-1005B-SB-C-04	Blue	460-475	2.9-3.4	70-150		
IE-1005WW-SB-C-04	White	3000-20000K	2.9-3.4	400-1000		
IE-1608R-SB-CE-06-R	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-1608O-SB-CE-06	Orange	600-610	1.9-2.4	70-350		
IE-1608Y-SB-CE-06-R	Yellow	585-595	1.9-2.4	70-350		
IE-1608G-SB-CE-06-R	Yellow Green	568-575	1.9-2.4	30-70		
IE-1608PG-SB-CE-06	Green	515-535	2.9-3.4	400-1000		
IE-1608B-SB-CE-06-R	Blue	460-475	2.9-3.4	70-250		
IE-1608W-SB-DE-06	White	3000-20000K	2.9-3.4	400-1000		
IE-2012R-SB-C-08	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-2012O-SB-C-08	Orange	600-610	1.9-2.4	70-350		
IE-2012Y-SB-C-08	Yellow	585-595	1.9-2.4	70-350		
IE-2012G-ST-C-08	Yellow Green	568-575	1.9-2.4	30-70		
IE-2012PG-HB-C-08	Green	515-535	2.9-3.4	400-1000		
IE-2012B-SB-C-08	Blue	460-475	2.9-3.4	70-250		
IE-2012W-SB-D-08	White	3000-20000K	2.9-3.4	400-1000		
IE-3215R-SB-C-09	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-3215O-SB-C-09	Orange	600-610	1.9-2.4	70-350		
IE-3215Y-SB-C-09	Yellow	585-595	1.9-2.4	70-350		
IE-3215G-ST-C-09	Yellow Green	568-575	1.9-2.4	30-70		
IE-3215PG-SB-C-09	Green	515-535	2.9-3.4	400-1000		
IE-3215B-SB-C-09	Blue	460-475	2.9-3.4	70-250		
IE-3215W-SB-D-09	White	3000-20000K	2.9-3.4	400-1000		

# CHIP Series

## Right Angle Chip LED Series

Features	Application
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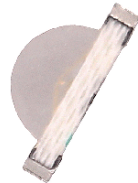
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|---|--|
| <ul style="list-style-type: none"> <li>● Side mount</li> <li>● RoHS compliant</li> <li>● Long operating life</li> <li>● Various colors brightness available</li> <li>● Moisture sensitivity level: 3</li> <li>● Tinned pads for improved solderability</li> </ul> | <ul style="list-style-type: none"> <li>● 3C product</li> <li>● Side view backlight</li> <li>● Status indicator</li> <li>● Smart appliances</li> <li>● Wearable and portable devices</li> </ul> |
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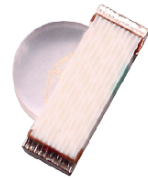
(0602) L1.7\*W1.1\*H0.6



(0802) L2.0\*W0.96\*H0.5



(1204) L3.2\*W1.5\*H1.0



(1205) L3.2\*W2.1\*H1.0

Part No.	Color	$\lambda d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-1606R-ST-L-C	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-1606O-ST-L-C	Orange	600-610	1.9-2.4	70-350		
IE-1606Y-ST-L-C	Yellow	585-595	1.9-2.4	70-350		
IE-1606G-ST-L-C	Yellow Green	568-575	1.9-2.4	30-70		
IE-1606PG-ST-L-C	Green	515-535	2.9-3.4	400-1000		
IE-1606B-ST-L-C	Blue	460-475	2.9-3.4	70-250		
IE-1606W-ST-L-D	White	3000-20000K	2.9-3.4	400-1000		
IE-2005R-ST-L-C	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-2005O-ST-L-C	Orange	600-610	1.9-2.4	70-350		
IE-2005Y-ST-L-C	Yellow	585-595	1.9-2.4	70-350		
IE-2005G-ST-L-C	Yellow Green	568-575	1.9-2.4	30-70		
IE-2005PG-ST-L-C	Green	515-535	2.9-3.4	400-1000		
IE-2005B-ST-L-C	Blue	460-475	2.9-3.4	70-250		
IE-2005W-ST-L-D	White	3000-20000K	2.9-3.4	400-1000		
IE-3210R-ST-L-C	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-3210O-ST-L-C	Orange	600-610	1.9-2.4	70-350		
IE-3210Y-ST-L-C	Yellow	585-595	1.9-2.4	70-350		
IE-3210G-ST-L-C	Yellow Green	568-575	1.9-2.4	30-70		
IE-3210PG-ST-L-C	Green	515-535	2.9-3.4	400-1000		
IE-3210B-ST-L-C	Blue	460-475	2.9-3.4	70-250		
IE-3210W-ST-L-D	White	3000-20000K	2.9-3.4	400-1000		
IE-3212R-ST-L-C	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-3212O-ST-L-C	Orange	600-610	1.9-2.4	70-350		
IE-3212Y-ST-L-C	Yellow	585-595	1.9-2.4	70-350		
IE-3212G-ST-L-C	Yellow Green	568-575	1.9-2.4	30-70		
IE-3212PG-ST-L-C	Green	515-535	2.9-3.4	400-1000		
IE-3212B-ST-L-C	Blue	460-475	2.9-3.4	70-250		
IE-3212W-ST-L-C	White	3000-20000K	2.9-3.4	400-1000		

# CHIP Series

## Reverse Mount Chip LED Series

Features	Application
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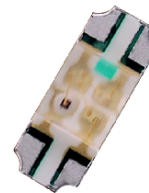
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| <ul style="list-style-type: none"> <li>● RoHS compliant</li> <li>● Long operating life</li> <li>● Wide viewing angle</li> <li>● Reverse mount</li> <li>● Moisture sensitivity level: 3</li> <li>● Low power consumption</li> </ul> | <ul style="list-style-type: none"> <li>● Optical indicator</li> <li>● Industrial control panel</li> <li>● Status indicator</li> <li>● Wearable and portable devices</li> </ul> |
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(CC1206) L3.2\*W1.6\*H1.1



(CC1205) L3.2\*W1.3\*H1.1



Part No.	Color	$\lambda_d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-3215R-SB-RM-C	Red	617-630	1.9-2.4	70-350	120	IF=20mA
IE-3215O-SB-RM-C	Orange	600-610	1.9-2.4	70-350		
IE-3215Y-SB-RM-C	Yellow	585-595	1.9-2.4	70-350		
IE-3215G-SB-RM-C	Yellow Green	568-575	1.9-2.4	30-70		
IE-3215G-SB-RM-C	Green	515-535	2.9-3.4	400-1000		
IE-3215B-SB-RM-C	Blue	460-475	2.9-3.4	70-200		
IE-3215W-SB-RM-C	White	3000-20000K	2.9-3.4	400-1000		
IE-3212RG-ST-RM-CE	Red	617-630	1.9-2.4	70-150	120	IF=20mA
	Yellow Green	568-575	1.9-2.4	30-70		
IE-3212RB-ST-RM-CE	Red	617-630	1.9-2.4	70-150		
	Blue	460-475	2.9-3.4	70-150		
IE-3212BPG-ST-RM-CE	Blue	460-475	2.9-3.4	70-150		
	Green	515-535	2.9-3.4	400-800		
IE-3212RGB-ST-RM-CE	Red	617-630	1.9-2.4	70-150	120	IF=20mA
	Green	515-535	2.9-3.4	400-800		
	Blue	460-475	2.9-3.4	70-150		

# CHIP Series

## Dome Lens Chip LED Series

### Features

- RoHS compliant
- Long operating life
- Low power consumption
- Rich color selection
- Smaller angles for higher brightness and directivity

### Application

- Status indicator
- Industrial control panel
- Sensor status indication
- Wearable and portable devices
- Beauty equipment



(Q0603) L1.6\*W0.8\*H0.95



(Q1206) L3.2\*W1.6\*H1.85



(Q1210) L3.2\*W2.7\*H2.25

Part No.	Color	$\lambda_d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-1608R-SB-L-CE	Red	617-630	1.9-2.4	200-400	30	IF=20mA
IE-1608O-SB-L-CE	Orange	600-610	1.9-2.4	200-400		
IE-1608Y-SB-L-CE	Yellow	585-595	1.9-2.4	200-400		
IE-1608G-SB-L-CE	Yellow Green	568-575	1.9-2.4	70-150		
IE-1608PG-SB-L-CE	Green	515-535	2.9-3.4	1500-2000		
IE-1608B-SB-L-CE	Blue	460-475	2.9-3.4	200-400		
IE-3215R-SB-L-R-C	Red	617-630	1.9-2.4	300-500	30	IF=20mA
IE-3215O-SB-L-R-C	Orange	600-610	1.9-2.4	300-500		
IE-3215Y-SB-L-R-C	Yellow	585-595	1.9-2.4	300-500		
IE-3215G-SB-L-R-C	Yellow Green	568-575	1.9-2.4	100-150		
IE-3215PG-HB-L-R-C	Green	515-535	2.9-3.4	1500-2500		
IE-3215B-SB-L-R-C	Blue	460-475	2.9-3.4	500-800		
IE-3227RG-SB-L-R-C	Red	617-630	1.9-2.4	300-500	30	IF=20mA
	Yellow Green	568-575	1.9-2.4	70-150		
IE-3227RB-SB-L-R-C	Red	617-630	1.9-2.4	300-500		
	Blue	460-475	2.9-3.4	200-400		
IE-3227BPG-SB-L-R-C	Blue	460-475	2.9-3.4	300-500		
	Green	515-535	2.9-3.4	1500-2500		



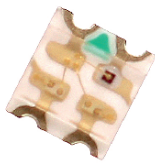
# CHIP Series

## Multicolor Chip LED Series

Features	Application
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- Miniature bi&tri color products
- RoHS compliant
- Long operating life
- Good solderability
- Various colors brightness available Moisture
- sensitivity level: 3

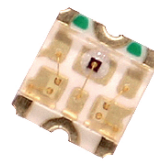
- Status indicator
- Home and smart appliances
- Audio and car infotainment
- Wearable and portable devices



(0606) L1.6\*W1.6\*H0.6



(1612) L1.6\*W1.2\*H0.6



(1615) L1.6\*W1.5\*H0.6

Part No.	Color	$\lambda d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-1515RG-ST-CE	■ Red	617-630	1.9-2.4	70-150	120	IF=20mA
	■ Yellow Green	568-575	1.9-2.4	30-70		
IE-1515RB-ST-CE	■ Red	617-630	1.9-2.4	70-150		
	■ Blue	460-475	2.9-3.4	70-150		
IE-1515BPG-ST-CE	■ Blue	460-475	2.9-3.4	70-150		
	■ Green	515-535	2.9-3.4	400-800		
IE-1515RGB-ST-CE	■ Red	617-630	1.9-2.4	70-150	120	IF=20mA
	■ Green	515-535	2.9-3.4	400-800		
	■ Blue	460-475	2.9-3.4	70-150		
IE-1612RGB-ST-CE	■ Red	617-630	1.9-2.4	200-350	120	IF=20mA
	■ Green	515-535	2.9-3.4	400-800		
	■ Blue	460-475	2.9-3.4	70-150		
IE-1615RGB-ST-CE	■ Red	617-630	1.9-2.4	70-150	120	IF=20mA
	■ Green	515-535	2.9-3.4	400-800		
	■ Blue	460-475	2.9-3.4	70-150		

# CHIP Series

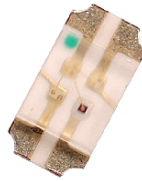
## Multicolor Chip LED Series

Features	Application
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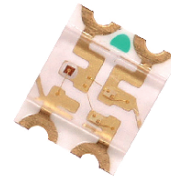
- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>● Miniature bi&amp;tri color products</li> <li>● RoHS compliant</li> <li>● Long operating life</li> <li>● Good solderability</li> <li>● Various colors brightness available</li> <li>● Moisture sensitivity level: 3</li> </ul> | <ul style="list-style-type: none"> <li>● Status indicator</li> <li>● Home and smart appliances</li> <li>● Audio and car infotainment</li> <li>● Wearable and portable devices</li> </ul> |
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(0805) L2.0\*W1.25\*H0.8



(1206) L3.0\*W1.5\*H0.9



(1209) L3.2\*W2.7\*H1.1

Part No.	Color	$\lambda$ d(nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-2012RG-ST-CE	Red	617-630	1.9-2.4	70-150	120	IF=20mA
	Yellow Green	568-575	1.9-2.4	30-70		
IE-2012RB-ST-CE	Red	617-630	1.9-2.4	70-150		
	Blue	460-475	2.9-3.4	70-150		
IE-2012BPG-ST-CE	Blue	460-475	2.9-3.4	70-150		
	Green	515-535	2.9-3.4	400-800		
IE-3215RG-ST-CE	Red	617-630	1.9-2.4	70-150	120	IF=20mA
	Yellow Green	568-575	1.9-2.4	30-70		
IE-3215RB-ST-CE	Red	617-630	1.9-2.4	70-150		
	Blue	460-475	2.9-3.4	70-150		
IE-3215BPG-ST-CE	Blue	460-475	2.9-3.4	70-150		
	Green	515-535	2.9-3.4	400-800		
IE-3215RGB-SB-C-09	Red	617-630	1.9-2.4	70-150		
	Green	515-535	2.9-3.4	400-800		
	Blue	460-475	2.9-3.4	70-150		
IE-3224RG-ST-CE	Red	617-630	1.9-2.4	70-150	120	IF=20mA
	Yellow Green	568-575	1.9-2.4	30-70		
IE-3224RB-ST-CE	Red	617-630	1.9-2.4	70-150		
	Blue	460-475	2.9-3.4	70-150		
IE-3224BPG-ST-CE	Blue	460-475	2.9-3.4	70-150		
	Green	515-535	2.9-3.4	400-800		
IE-3224RGB-ST-CE	Red	617-630	1.9-2.4	70-150		
	Green	515-535	2.9-3.4	400-800		
	Blue	460-475	2.9-3.4	70-150		

# CHIP Series

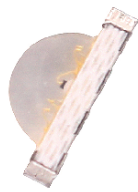
## Right Angle Multicolor Chip LED Series

### Features

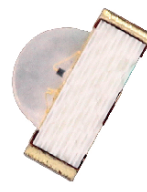
- Side mount
- Miniature bi&tri color products
- RoHS compliant
- Long operating life
- Good solderability
- Various colors brightness available
- Moisture sensitivity level: 3

### Application

- 3C product
- Side view backlight
- Status indicator
- Smart appliances
- Wearable and portable devices



(1204) L3.2\*W1.5\*H1.0



(1205) L3.2\*W2.1\*H1.0

Part No.	Color	$\lambda d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition	
IE-3210RG-ST-L-C	■ Red	617-630	1.9-2.4	70-150	120	IF=20mA	
	■ Yellow Green	568-575	1.9-2.4	30-70			
IE-3210RB-ST-L-C	■ Red	617-630	1.9-2.4	70-150			
	■ Blue	460-475	2.9-3.4	70-150			
IE-3210BPG-ST-L-C	■ Blue	460-475	2.9-3.4	70-150			
	■ Green	515-535	2.9-3.4	400-800			
IE-3210RGB-ST-L-C	■ Red	617-630	1.9-2.4	70-150			
	■ Green	515-535	2.9-3.4	400-800			
	■ Blue	460-475	2.9-3.4	70-150			
IE-3212RG-ST-L-C	■ Red	617-630	1.9-2.4	70-150		120	IF=20mA
	■ Yellow Green	568-575	1.9-2.4	30-70			
IE-3212RB-ST-L-C	■ Red	617-630	1.9-2.4	70-150			
	■ Blue	460-475	2.9-3.4	70-150			
IE-3212BPG-ST-L-C	■ Blue	460-475	2.9-3.4	70-150			
	■ Green	515-535	2.9-3.4	400-800			

# CHIP Series

## Infrared Chip LED Series

### Features

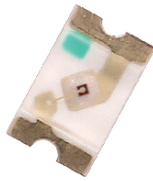
- RoHS compliant
- Long operating life
- Wide viewing angle
- Low power consumption
- Low voltage DC operated
- Moisture sensitivity level: 3

### Application

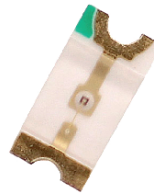
- PCB mounted infrared sensor PCB
- Infrared wireless data transmission
- Optoelectronic switch
- Smoke detector



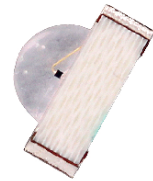
(0603) L1.6\*W0.8\*H0.6



(0805) L2.0\*W1.2\*H1.1



(1206) L3.2\*W1.6\*H1.1



(1205) L3.2\*W2.1\*H1.0

Part No.	Color	$\lambda$ d(nm)	Vf(V)	IE(mW/sr)	Angle(deg)	Condition
IE-1608IR-SB-C-06	Infrared	850/940	1.2-1.6	1-5	120	IF=20mA
IE-2012IR-SB-C-11	Infrared	850/940	1.2-1.6	1-5	120	IF=20mA
IE-3215IR-SB-C-11	Infrared	850/940	1.2-1.6	1-5	120	IF=20mA
IE-3212IR-ST-L-C	Infrared	850/940	1.2-1.6	1-5	120	IF=20mA

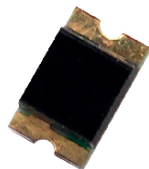
## Phototransistor Chip LED Series

### Features

- RoHS compliant
- Long operating life
- Wide viewing angle
- Low power consumption
- Moisture sensitivity level: 3

### Application

- Position sensor
- Infrared applied system
- Optoelectronic switch
- Miniature switch
- Counters and sorter



(0805) L2.0\*W1.2\*H1.1



(1206) L3.2\*W1.6\*H1.1



(1205) L3.2\*W2.1\*H1.0

Part No.	$\lambda$ 0.5(nm)	Ic(mA)	Vceo(v)	Iceo(nA)	Angle(deg)
IE-2012-PDB-BE	730-1100	0.1-0.5	0.4	100	120
IE-3216-PDB-BE	730-1100	0.1-0.5	0.4	100	120
IE-3212-PDB-BE	730-1100	0.1-0.5	0.4	100	120

# Top Series

## Top View PLCC LED Series

### Features

- Pb free
- Wide view angle
- IR reflow soldering
- Lead frame package
- Compliant compatible with automatic placement equipment
- PLCC package for higher light efficiency

### Application

- LCD back light
- Decoration lighting
- General lighting
- Illuminations
- Switch lights
- Indicator



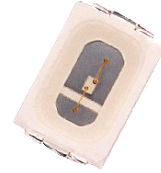
(1608) L1.6\*W0.8\*H0.6



(2016) L2.0\*W1.6\*H0.55



(3014) L3.0\*W1.4\*H0.8



(3020) L3.0\*W2.0\*H1.3

Part No.	Color	$\lambda$ d(nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-1608R-HB-C-06	Red	617-630	1.9-2.4	100-300	120	IF=20mA
IE-1608O-HB-C-06	Orange	600-610	1.9-2.4	100-300		
IE-1608Y-HB-C-06	Yellow	585-595	1.9-2.4	100-300		
IE-1608PG-HB-C-06	Green	515-535	2.9-3.4	400-1000		
IE-1608B-HB-C-06	Blue	460-475	2.9-3.4	100-300		
IE-1608WC-HB-C-06	White	3000-20000K	2.9-3.4	1000-2000		
IE-2016R-HB-C-06	Red	617-630	1.9-2.4	200-400	120	IF=20mA
IE-2016O-HB-C-06	Orange	600-610	1.9-2.4	200-400		
IE-2016Y-HB-C-06	Yellow	585-595	1.9-2.4	200-400		
IE-2016PG-HB-C-06	Green	515-535	2.9-3.4	400-1000		
IE-2016B-HB-C-06	Blue	460-475	2.9-3.4	200-400		
IE-2016WC-HB-C-06	White	3000-20000K	2.9-3.4	1500-2500		
IE-3014R-HB-C-08	Red	617-630	1.9-2.4	1000-2500	120	IF=30mA
IE-3014O-HB-C-08	Orange	600-610	1.9-2.4	1000-2500		
IE-3014Y-HB-C-08	Yellow	585-595	1.9-2.4	1000-2500		
IE-3014PG-HB-C-08	Green	515-535	2.9-3.4	3000-4000		
IE-3014B-HB-C-08	Blue	460-475	2.9-3.4	1000-2500		
IE-3014WC-HB-C-08	White	3000-20000K	2.9-3.4	3000-4500		
IE-3020R-HB-C-13	Red	617-630	1.9-2.4	200-800	120	IF=20mA
IE-3020O-HB-C-13	Orange	600-610	1.9-2.4	200-800		
IE-3020Y-HB-C-13	Yellow	585-595	1.9-2.4	200-800		
IE-3020PG-HB-C-13	Green	515-535	2.9-3.4	1000-2000		
IE-3020B-HB-C-13	Blue	460-475	2.9-3.4	200-800		
IE-3020WC-HB-C-13	White	3000-20000K	2.9-3.4	2000-3000		

# Top Series

## Top View PLCC LED Series

Features	Application
<ul style="list-style-type: none"> <li>Pb free</li> <li>Wide view angle</li> <li>IR reflow soldering</li> <li>Lead frame package</li> <li>Compliant compatible with automatic placement equipment</li> <li>PLCC package for higher light efficiency</li> </ul>	<ul style="list-style-type: none"> <li>LCD back light</li> <li>Decoration lighting</li> <li>General lighting</li> <li>Illuminations</li> <li>Switch lights</li> <li>Indicator</li> </ul>



(2835) L2.8\*W3.5\*H0.8



(3528) L3.5\*W2.8\*H1.9



(5050) L5.0\*W5.0\*H1.5

Part No.	Color	$\lambda_d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-2835R-SB-CE-0.8	Red	617-630	1.9-2.4	2500-4500	120	IF=60mA
IE-2835O-SB-CE-0.7	Orange	600-610	1.9-2.4	2500-4500		
IE-2835Y-SB-CE-0.8	Yellow	585-595	1.9-2.4	2500-4500		
IE-2835PG-SB-CE-0.8	Green	515-535	2.9-3.4	6000-8000		
IE-2835B-SB-CE-0.8	Blue	460-475	2.9-3.4	2000-3000		
IE-2835WC-HB24-R90	White	3000-20000K	2.9-3.4	25-40lm		
IE-3528R-SB-C	Red	617-630	1.9-2.4	200-800	120	IF=20mA
IE-3528O-SB-C	Orange	600-610	1.9-2.4	200-800		
IE-3528Y-SB-C	Yellow	585-595	1.9-2.4	200-800		
IE-3528PG-SB-C	Green	515-535	2.9-3.4	1000-2000		
IE-3528B-SB-C	Blue	460-475	2.9-3.4	200-400		
IE-3528WC-SB-C	White	3000-20000K	2.9-3.4	2000-3000		
IE-5050R-SB-CE	Red	617-630	1.9-2.4	600-2500	120	IF=60mA
IE-5050O-HB-CE	Orange	600-610	1.9-2.4	600-2500		
IE-5050Y-HB-CE	Yellow	585-595	1.9-2.4	600-2500		
IE-5050PG-HB-CE	Green	515-535	2.9-3.4	3000-4500		
IE-5050B-HB-CE	Blue	460-475	2.9-3.4	600-1000		
IE-5050WC-HB-CE	White	3000-20000K	2.9-3.4	3500-6000		

## Top Series

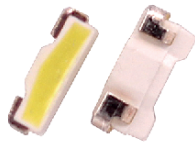
### Right Angle PLCC LED Series

#### Features

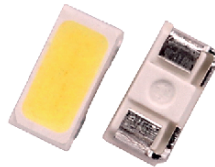
- Pb free
- Wide view angle
- IR reflow soldering
- Lead frame package
- Compliant compatible with automatic placement equipment
- PLCC package for higher light efficiency

#### Application

- Side view backlight
- Decoration lighting
- General lighting
- Illuminations
- Switch lights
- Indicator



(2808) L2.8\*W0.8\*H1.2



(3014) L3.0\*W1.4\*H1.37



(3806) L3.8\*W0.6\*H1.2

Part No.	Color	$\lambda d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-2808R-ST-R-CE	Red	617-630	1.9-2.4	200-500	120	IF=20mA
IE-2808O-ST-R-CE	Orange	600-610	1.9-2.4	200-500		
IE-2808Y-ST-R-CE	Yellow	585-595	1.9-2.4	200-500		
IE-2808PG-ST-R-CE	Green	515-535	2.9-3.4	1000-2000		
IE-2808PG-ST-R-CE	Blue	460-475	2.9-3.4	200-400		
IE-2808WC-ST-R-CE	White	3000-20000K	2.9-3.4	1000-2500		
IE-3014R-ST-R-CE	Red	617-630	1.9-2.4	1000-2500	120	IF=30mA
IE-3014O-ST-R-CE	Orange	600-610	1.9-2.4	1000-2500		
IE-3014Y-ST-R-CE	Yellow	585-595	1.9-2.4	1000-2500		
IE-3014PG-ST-R-CE	Green	515-535	2.9-3.4	3000-4000		
IE-3014B-ST-R-CE	Blue	460-475	2.9-3.4	1000-2500		
IE-3014WC-ST-R-CE	White	3000-20000K	2.9-3.4	3000-4500		
IE-3806R-ST-R-CE	Red	617-630	1.9-2.4	2000-2500	120	IF=20mA
IE-3806O-ST-R-CE	Orange	600-610	1.9-2.4	2000-2500		
IE-3806Y-ST-R-CE	Yellow	585-595	1.9-2.4	2000-2500		
IE-3806PG-ST-R-CE	Green	515-535	2.9-3.4	3000-4000		
IE-3806B-ST-R-CE	Blue	460-475	2.9-3.4	1000-1500		
IE-3806WC-ST-R-CE	White	3000-20000K	2.9-3.4	7-9lm		

# Top Series

## Dome Lens PLCC LED Series

Features	Application
<ul style="list-style-type: none"> <li>● Pb free</li> <li>● IR reflow soldering</li> <li>● Lead frame package</li> <li>● Compliant compatible with automatic placement equipment</li> <li>● PLCC package for higher light efficiency</li> <li>● Smaller angles for higher brightness and directivity</li> </ul>	<ul style="list-style-type: none"> <li>● Outdoor landscape</li> <li>● Intelligent lighting</li> <li>● Interior beautification</li> <li>● Stage lighting</li> </ul>



(Q2835) L2.8\*W3.5\*H2.5



(Q3528) L3.5\*W2.8\*H3.4

Part No.	Color	$\lambda$ d(nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-3528R-SB-LUV-CE	Red	617-630	1.9-2.4	2000-6000	30	IF=60mA
IE-3528O-SB-L-CE2	Orange	600-610	1.9-2.4	2000-6000		
IE-3528Y-SB-LUV-CE	Yellow	585-595	1.9-2.4	2000-6000		
IE-3528PG-SB-LUV-CE	Green	515-535	2.9-3.4	6000-10000		
IE-3528B-SB-L-CE2	Blue	460-475	2.9-3.4	2000-6000		
IE-3528R-SB-L-CE	Red	617-630	1.9-2.4	1500-3000	60	IF=20mA
IE-3528O-SB-L-CE1	Orange	600-610	1.9-2.4	1500-3000		
IE-3528Y-SB-L-CE1	Yellow	585-595	1.9-2.4	1500-3000		
IE-3528PG-SB-L-CE1	Green	515-535	2.9-3.4	3000-4000		
IE-3528B-SB-L-CE1	Blue	460-475	2.9-3.4	1000-1500		



# Top Series

## Multicolor PLCC LED Series

Features	Application
<ul style="list-style-type: none"> <li>● Pb free</li> <li>● Wide view angle</li> <li>● IR reflow soldering</li> <li>● Lead frame package</li> <li>● Compliant compatible with automatic placement equipment</li> <li>● PLCC package for higher light efficiency</li> </ul>	<ul style="list-style-type: none"> <li>● LCD back light</li> <li>● Decoration lighting</li> <li>● General lighting</li> <li>● Illuminations</li> <li>● Switch lights</li> <li>● Indicator</li> </ul>



(2835) L2.8\*W3.5\*H1.8

(3528) L3.5\*W2.8\*H1.9

(3535) L3.5\*W3.5\*H1.9

(5050) L5.0\*W5.0\*H1.5

Part No.	Color	$\lambda_d$ (nm)	Vf(V)	Iv(mcd)	Angle(deg)	Condition
IE-2835RGB-SB-CE	■ Red	617-630	1.9-2.4	200-800	120	IF=20mA
	■ Green	515-535	2.9-3.4	800-1500		
	■ Blue	460-475	2.9-3.4	200-400		
IE-3528RGB-SB-CE	■ Red	617-630	1.9-2.4	200-800	120	IF=20mA
	■ Green	515-535	2.9-3.4	800-1500		
	■ Blue	460-475	2.9-3.4	200-400		
IE-3535RGB-HB-DE	■ Red	617-630	1.9-2.4	600-800	120	IF=20mA
	■ Green	515-535	2.9-3.4	1400-1600		
	■ Blue	460-475	2.9-3.4	300-500		
IE-5050RGB-ST-CE	■ Red	617-630	1.9-2.4	200-800	120	IF=20mA
	■ Green	515-535	2.9-3.4	800-1500		
	■ Blue	460-475	2.9-3.4	200-400		
IE-5050RGBW-HB-CE	■ Red	617-630	1.9-2.4	400-800	120	IF=20mA
	■ Green	515-535	2.9-3.4	1000-1500		
	■ Blue	460-475	2.9-3.4	200-500		
	□ White	3000-20000K	2.9-3.4	10-12lm		

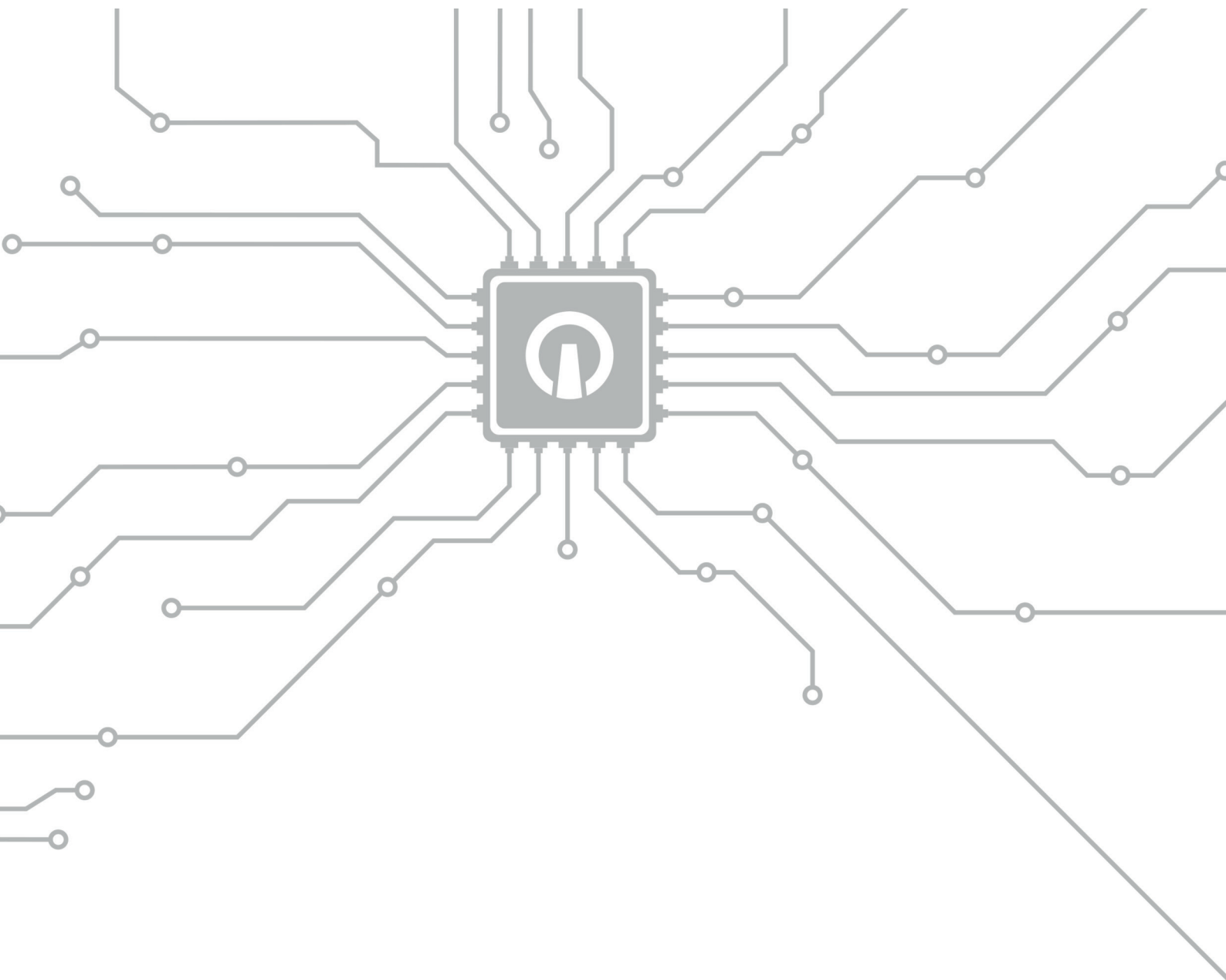


Our specialists provide support at every stage of cooperation. Feel free to contact us.

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