BRIGHTEK
BRIGHTEK (EUROPE) LIMITED

TRAFFIC SIGNAL & DISPLAY

- GREEN
- QUALITY
- INNOVATION

CONTENTS

REGULATION

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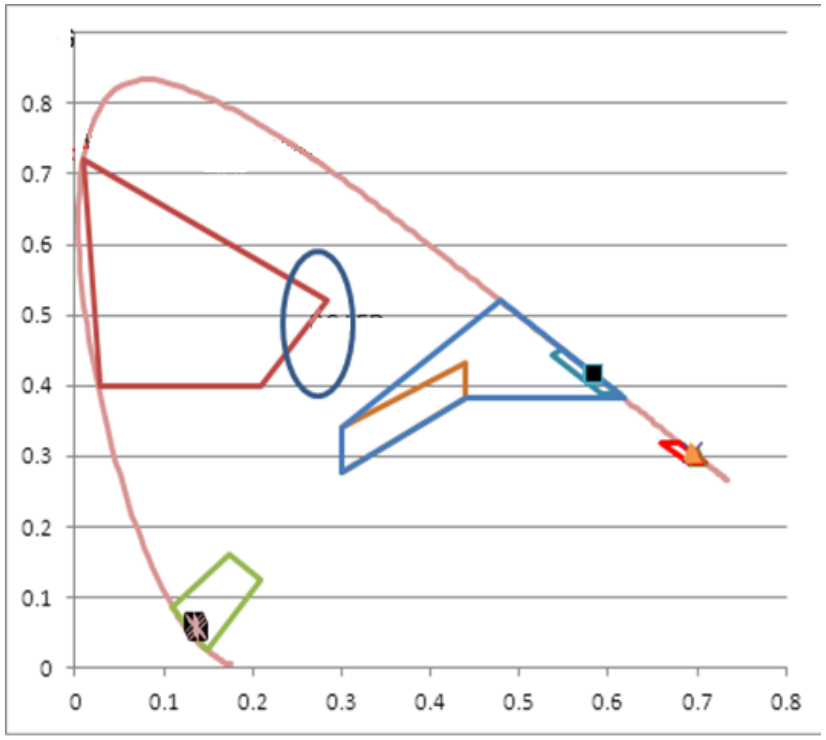
EN-12966

* according to 1:2005 (E)



CIE1931 Chromaticity

Colour	Class C1 CIE1931 Co0ordinates Corner Points						
Red	X Y	0.660 0.320	0.680 0.320	0.735 0.265	0.721 0.259		
Yellow	X Y	0.536 0.444	0.547 0.452	0.613 0.387	0.593 0.387		
White	X Y	0.300 0.342	0.440 0.432	0.500 0.440	0.500 0.382	0.440 0.382	0.300 0.276
Yellowish White	X Y	0.479 0.520	0.300 0.342	0.300 0.276	0.440 0.382	0.618 0.382	
Green	X Y	0.310 0.684	0.310 0.562	0.209 0.400	0.028 0.400		
Blue	X Y	0.109 0.087	0.204 0.196	0.233 0.167	0.149 0.025		

Colour	Class C2 CIE1931 Co0ordinates Corner Points						
Red	X Y	0.660 0.320	0.680 0.320	0.710 0.290	0.690 0.290		
Yellow	X Y	0.536 0.444	0.547 0.452	0.613 0.387	0.593 0.387		
White	X Y	0.300 0.342	0.440 0.432	0.440 0.392	0.300 0.276		
Yellowish White	X Y	0.479 0.520	0.300 0.342	0.300 0.276	0.440 0.382	0.618 0.382	
Green	X Y	0.009 0.720	0.284 0.520	0.209 0.400	0.028 0.400		
Blue	X Y	0.109 0.087	0.173 0.160	0.208 0.125	0.149 0.025		

PTH LED

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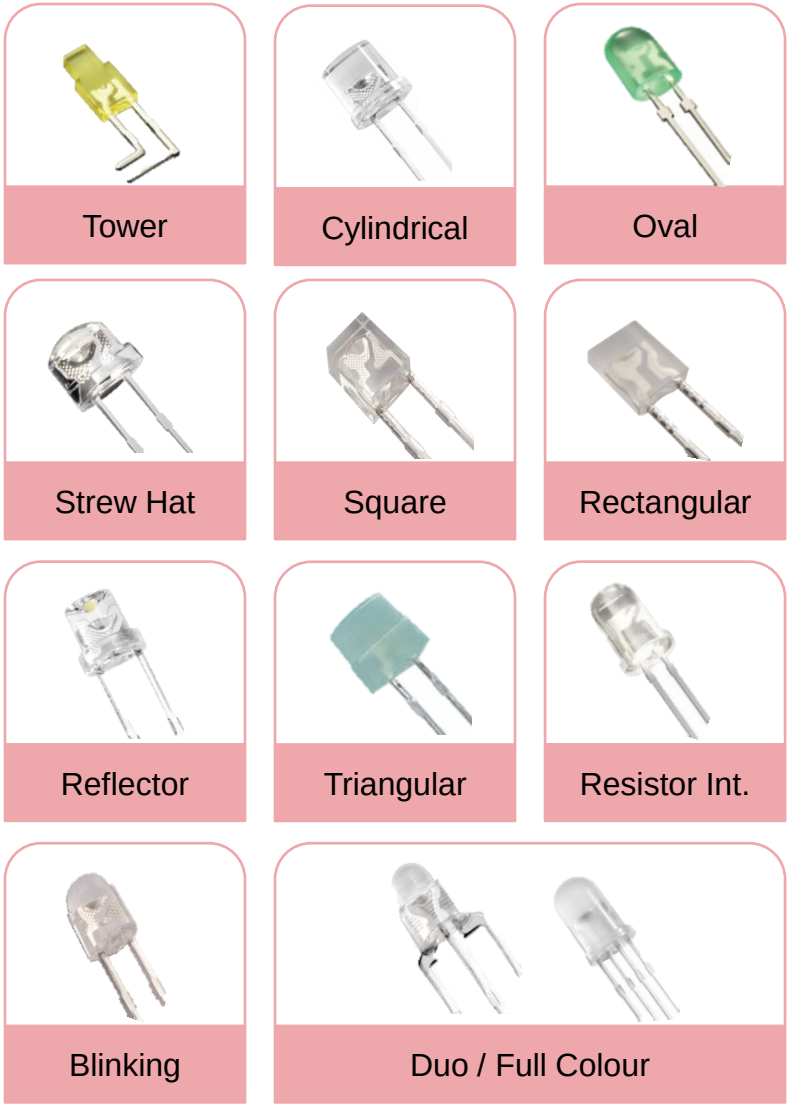
PTH LAMP FOR SIGNAL

Round

Features:

- Available in 3mm/5mm/8mm/10mm
- Colour Diffused or Water Clear Casting
- Available in 15°, 23° and Other Viewing Angle
- With / Without Stopper and Shorten Pins
- Bulk or Taping Packing
- Other Shape of Casting Available ►



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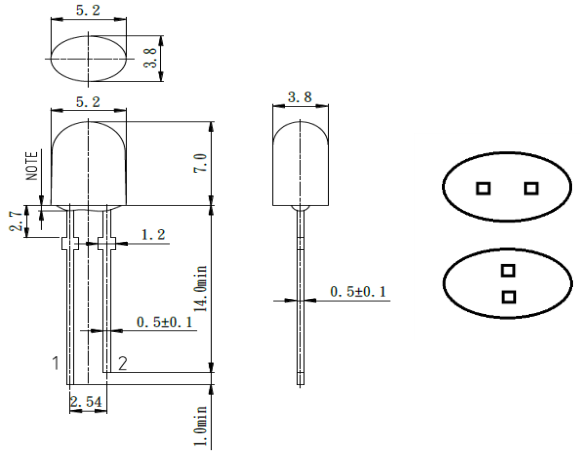
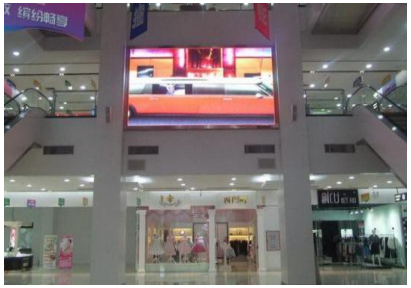
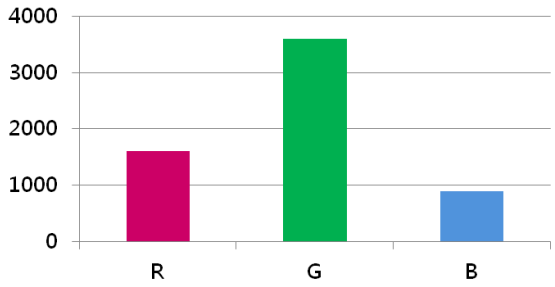
OVAL LAMP FOR DISPLAY

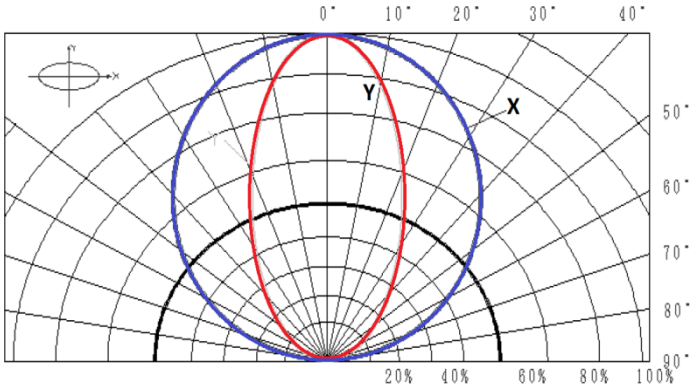


Features:

- Suitable for P10-16
- For High Definition, High Contrast LED display
- Excellent White Balance
- Available in 4mm and 5mm







PLCC SMD

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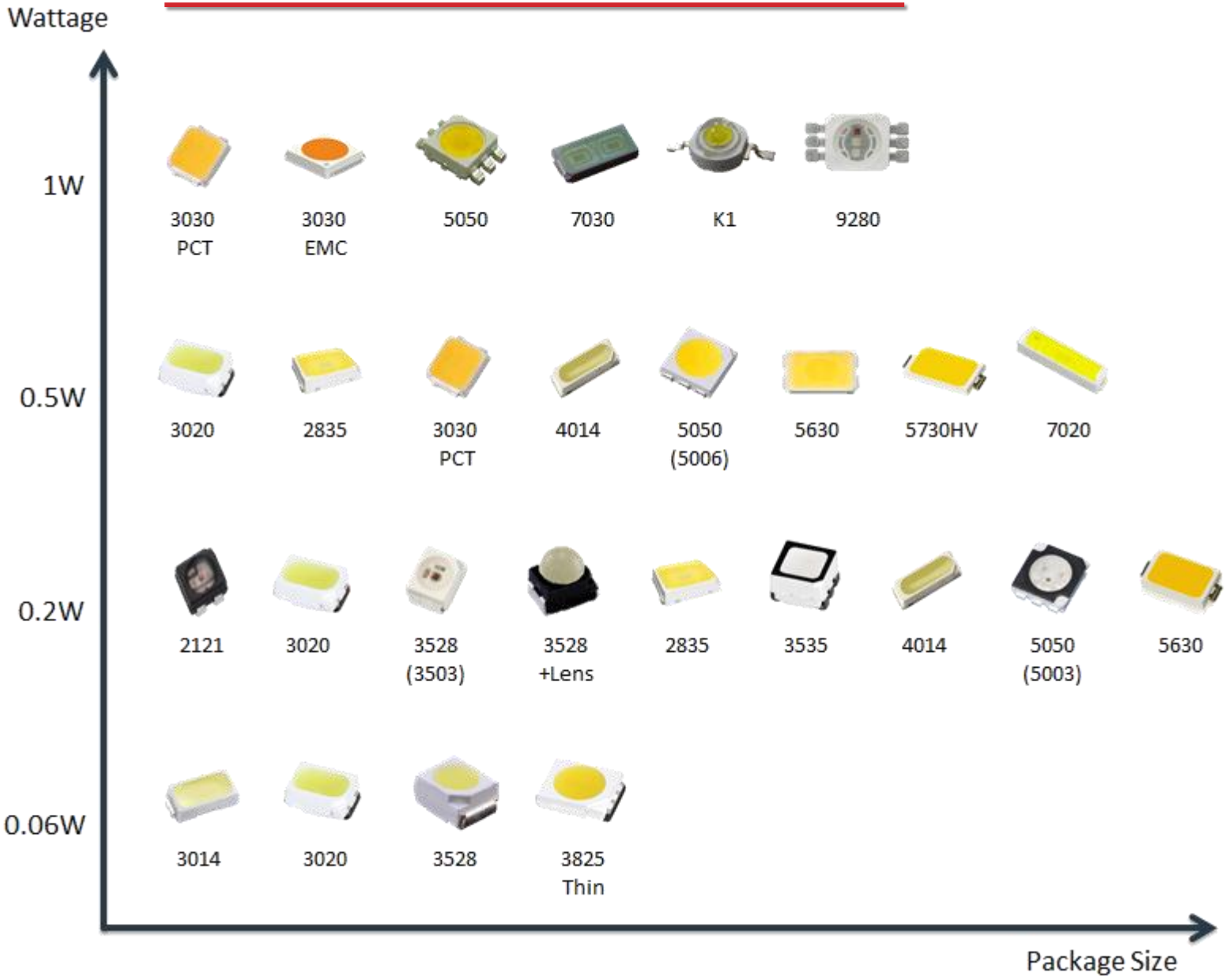
PLCC SMD RANGE



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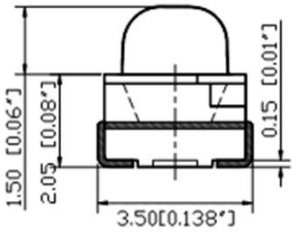
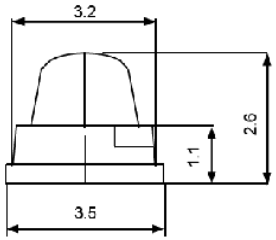
3528+LENS

Features:

- 30° Viewing Angle (60° for White)
- Available in PLCC2 or PLCC4
- Driving current 20~70mA
- High Efficiency, High Reliability
- Available in 3.6t and 2.6t* ▲
- Available in White Body, Black Surface, and Black Body* ►



3.6t



2.6t

White Body

Black Surface

Black Body

* project based products

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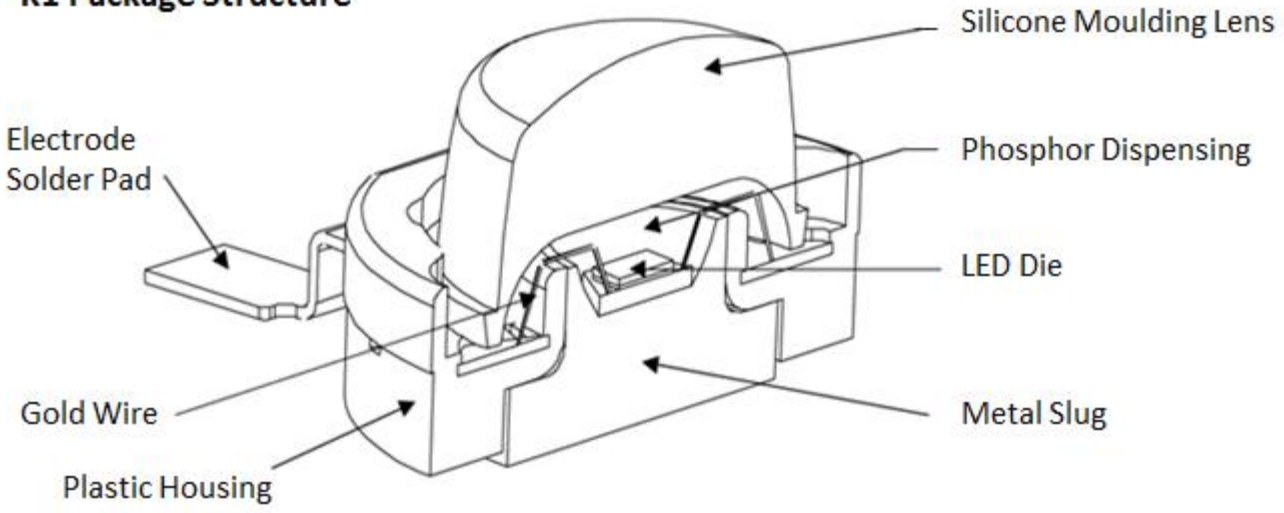
K1

Features:

- Various Colour Available
- 60° and 120° Viewing Angle
- High Power 350-700mA
- Hand Soldering Possible
- Available with Starboard

K1 Package Structure



K1 IR 60°

K1 IR 120°

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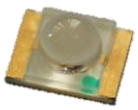
OTHER NARROW VIEWING ANGLE LED


6°
2024 (5060)


15°
1209 (3224)


20°
2421


20°
6mm Lamp


30°
3528+Lens


30°
5mm Lamp


40°
1105 (3015)


50°
0603BF


60°
1209 (3224)


60°
3528+Lens

RGB SMD FOR GENERAL DISPLAY

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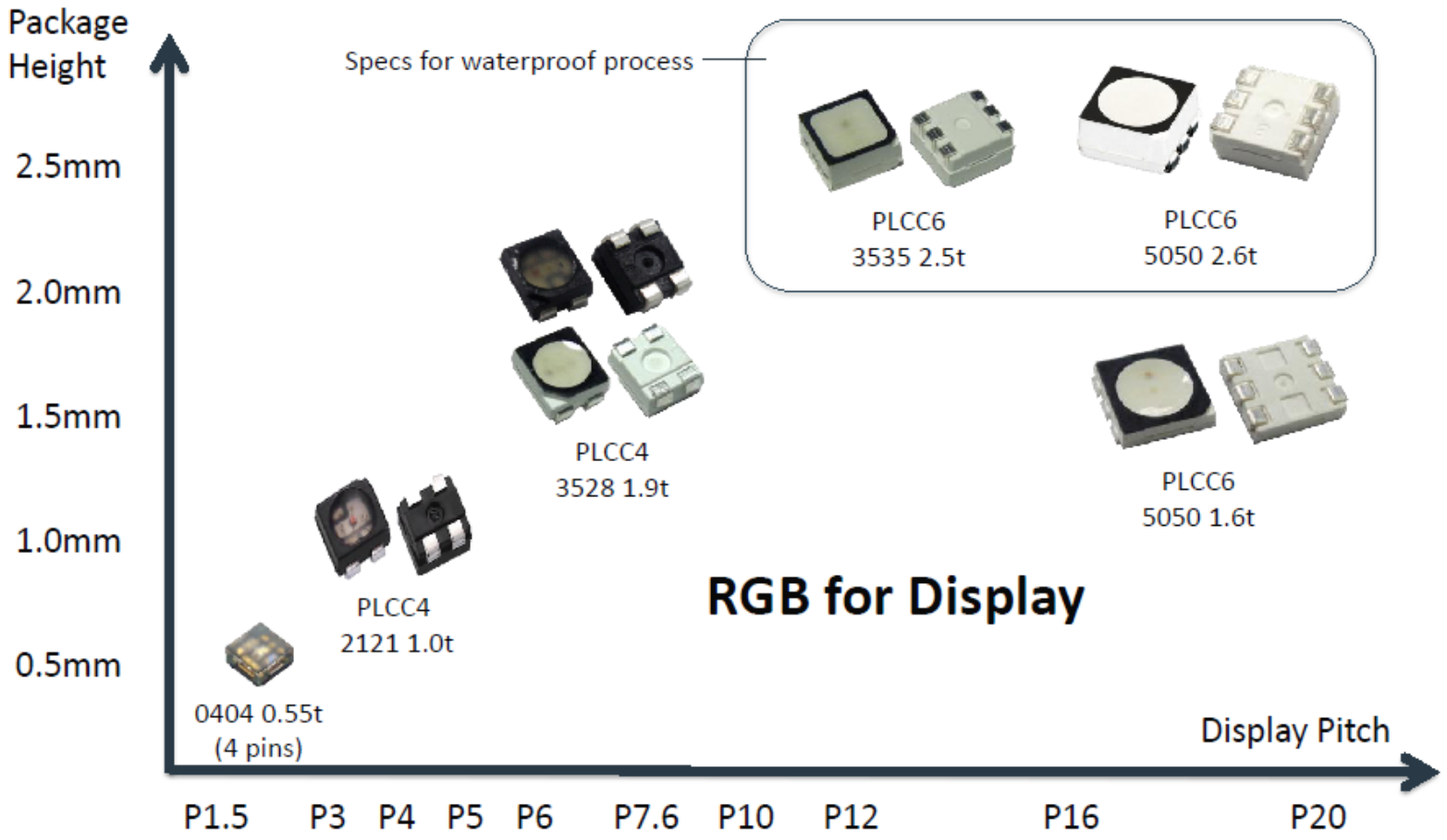
PLCC SMD FOR DISPLAY



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PITCH APPLICATION

0404

3528

3535

5050

DE-ICING INFRARED (IR) LED

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940NM HIGH POWER IR

Features:

- Ceramic High Power 3535
- Available in Flat Lens
- 400mW at 550mA
- Maximum I_F = 1A

K1 IR 60°

K1 IR 120°

Infrared LED

Also Available in Other Package

IC DRIVER

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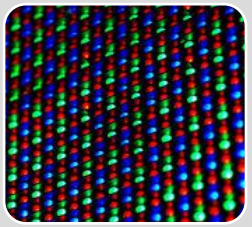
IC DRIVER

StarChips

Lighting

Backlighting

High Power



RGB Display

VMS

Lighting	Backlighting	High Power	RGB Display	VMS
SCT2001	SCT2001	SCT2301	SCT2007	SCT2024
SCT2004	SCT2004		SCT2010	SCT2026
SCT2007	SCT2008		SCT2024	SCT2027
SCT2008	SCT2016		SCT2026	SCT2110
SCT2016	SCT2508	SCT2932	SCT2027	SCT2167
SCT2301	SCT2514		SCT2110	SCT2168
SCT2508	SCT2518		SCT2167	
SCT2514			SCT2168	
SCT2518			SCT2180	
SCT2932				

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For distributors in your region, please visit out web page here.