



SEOUL SEMICONDUCTOR

About us

Products

Investment

R&D

Recruit

Support Center

Contact us

Sitemap



PRODUCTS

New Products

Side view(0.4T)

Flash LED

Z-Power LED (0.5W)

Chip LED (Reverse)

ACRICHE

Z-Power LED (P4)

SMD LED

Through Hole Type LED

Custom Display

Sensor

New Products > Z-Power LED (P4)

Z-Power LED (P4 series)

The P4 emits **240 lm at 1 A** of light and features the industry's highest luminous efficacy (100 lm/W @ 350 mA at the maximum) with only a single die, making it a brighter and more cost-effective light source compared to conventional 70 lm/W fluorescent and 15 lm/W incandescent lighting options.

Documentation

- ▶ **1W** Binning & Labeling
- ▶ RoHS Compliant

Features



Zoom in

- ▶ The highest luminous flux
- ▶ The superior reliability characteristics
- ▶ The two different types of P4 products
 - T rank : 80 lm @ 350 mA (typ.)
 - U rank :100 lm @ 350 mA (typ.)

Applications

- ▶ Mobile phone flash
- ▶ Automotive interior / exterior lighting
- ▶ Automotive signal lighting
- ▶ Automotive forward lighting
- ▶ General Torch
- ▶ Architectural lighting
- ▶ LCD TV / Monitor Backlight
- ▶ Projector light source
- ▶ Traffic signals
- ▶ Task lighting
- ▶ Decorative / Pathway lighting
- ▶ Remote / Solar powered lighting
- ▶ Household appliances General lighting

Spec Download

Characteristics

Spec Download		Color	Part No.		Power Dissipation
	 Kor	      	42180		1W
	 Eng		42181	42182	
	 Kor	      			
	 Eng				

 Pure W  Natural W  Warm W  Blue  Green  Red  Royal blue

APPLICATIONS

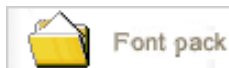
- Mobile solution
- Automotive solution
- Illumination solution
- Signal solution
- Sign board
- Home digital solution
- Back lighting solution
- Display solution

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 Quick search

 Inquiry

 e-Catalogue



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