

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.




Features

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

At $I_f=350\text{mA}$, $T_A=25^\circ\text{C}$

Color	Part No.	Φ_v [lm]	CCT	CRI	V_f [V]			Viewing Angle
		Typ	[K]		Min	Typ	Max	2θ 1/2(°)
<input type="checkbox"/>	 W42180	80 100	6500	70	3.0	3.2	3.8	125



Represented in the Benelux by Alcom electronics