



Chips on Si Submount

尺寸: 14*14

应用: 点光源, 冷光源, 路灯, 舞

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仅用于评估。

多晶封装 LED 点光源

产品特性

▲裸装版本的Neogine, 具备极佳的灯具设计弹性

- 可自行设计所需的散热鳍片
- 系统构装, 结构精实

▲优良的散热管理技术, 确保LED的性能

- 内置热导管(Heat-pipe)
- 超低热阻(Rja)
 - 4 Chips : 5°C/W
 - 6 Chips : 3.5°C/W
 - 8 Chips : 2.5°C/W



发光元

▲采用单一-NeoPac Emitters 作为发光元

- 超高功率, 点光源
- 一致性的最终尺寸, 便于更换光学模组

▲高光通量密度(LEDs维持流明@530mA)

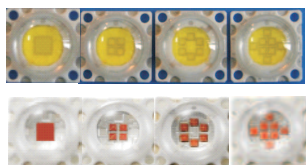
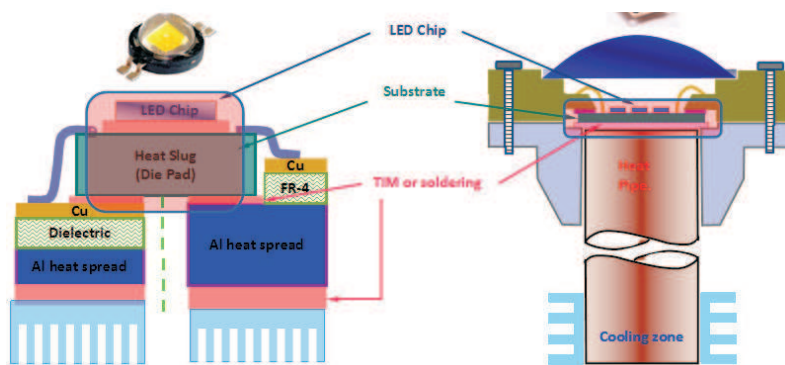
- LB-4: 500lm(7W/4chips)
- LB-6: 715lm(10W/6chips)
- LB-8: 1000lm(14W/8chips)

▲高发光效率 (100lm/W@390mA)

▲光束角: 145°

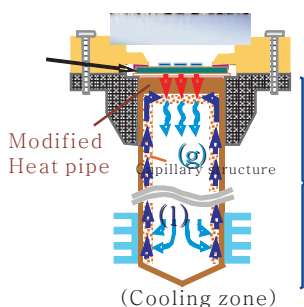


Traditional High Power LEDs

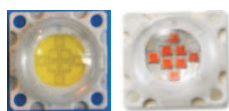


产品特性

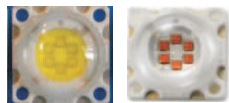
- ▲ 低热阻 ($R_{jc}: 0.5^{\circ}\text{C}/\text{W}(\text{min})$)
- ▲ 多晶封装: 4/6/8 Chips
- ▲ 超高输出功率: 5W-14W (白@390mA-530mA)
- ▲ 高流明效率: $>100\text{lm}/\text{W}(\text{白})$
- ▲ 多彩: 红, 绿, 蓝, 琥珀, 暖白, 白
- ▲ 一致的小尺寸: $14.1 \times 14.1 \times 4.7\text{mm}$



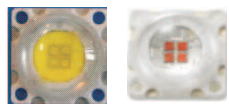
二次光学设计 可选角度
 (10, 25, 50, 80, 100, 135)



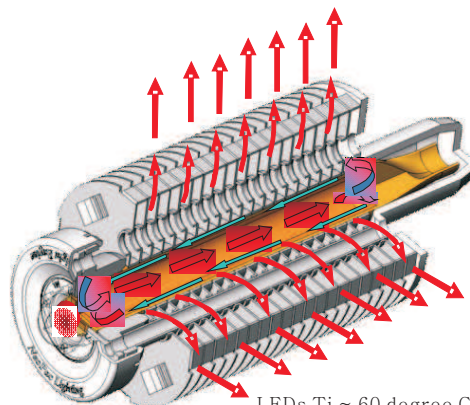
The Voltage of LED chip: 3V~3.3V (we take 3.3V)
 8 LED chips X 3.3V X 530mA = 14W
 8 LED chips X 3.3V X 390mA = 10W



The Voltage of LED chip: 3V~3.3V (we take 3.3V)
 6 LED chips X 3.3V X 530mA = 10W
 6 LED chips X 3.3V X 390mA = 7.5W



The Voltage of LED chip: 3V~3.3V (we take 3.3V)
 4 LED chips X 3.3V X 530mA = 7W
 4 LED chips X 3.3V X 390mA = 5W



LEDs $T_j \sim 60^{\circ}\text{C}$
 Useful Life (L_{70}) $> 60,000$ hrs

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