

COB Light Engine Series

COB光引擎

ProLight COB light engine series is a compact high flux density light source with multi-chips in array. Featuring copper and aluminum PCB, the COB LEDs are designed for large, open area lighting, including street, wide area, high/low bay, and commercial lighting, speeding up the replacement of halogen, incandescent and fluorescent conventional light sources.

葳天推出Chip on Board 光引擎，是大瓦数以及高亮度的光源LED模组，为了强化快速导热的目的，此光引擎系列主要使用散热佳的铜质基板或是铝基板，让LED可以快速被导热到後方的散热器，尤其是铜基板可以直接焊接在散热器上，进一步大幅降低热阻。此模组拥有数种不同瓦数的系列提供给不同应用领域的LED灯具产品，包含路灯、街灯、大范围泛光灯、商夜照明使用的投射灯等，加速取代白炽灯、卤素灯以及萤光灯等传统照明灯具。

Main Applications

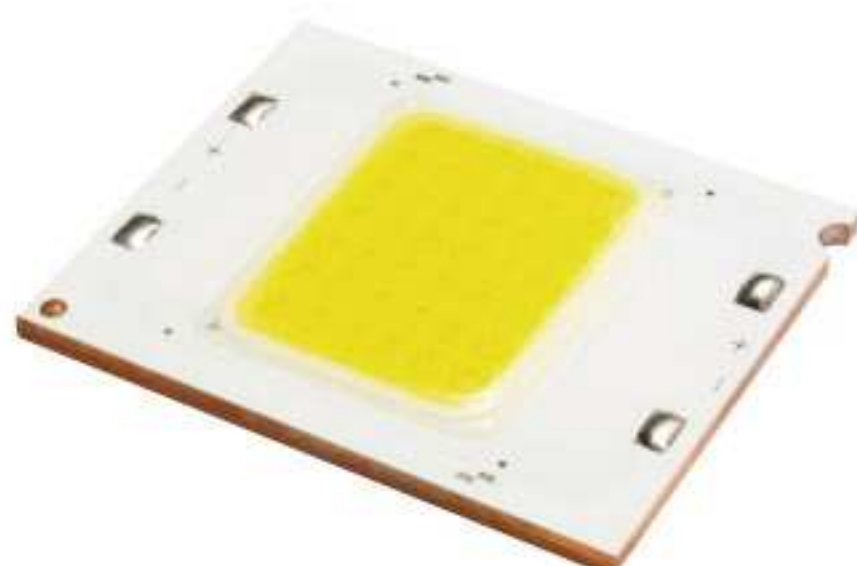
- Street light
- High/low bay
- Commercial lighting
- 路灯
- 车间/矿用/天井灯
- 商业照明

Features

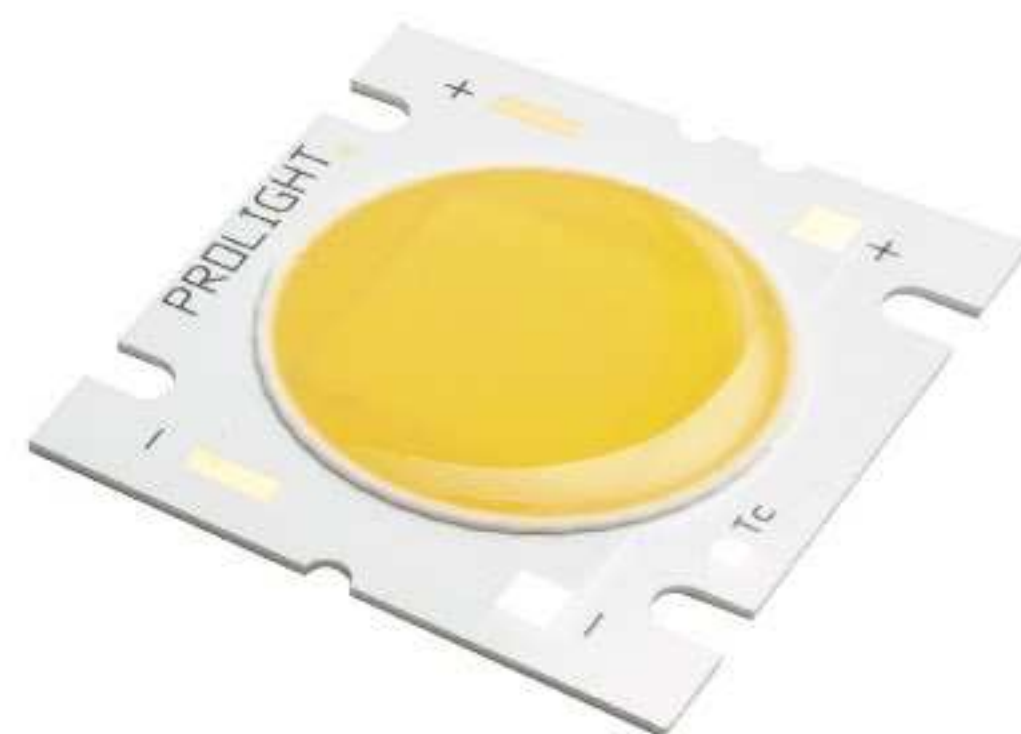
- Compact high flux density light source
- High quality uniform illumination
- Industries lowest thermal resistance
- Combine with heatsink by soldering
- 高强度的光源
- 均匀且优质的光效
- 业界最低热阻
- 基板能与灯具焊接



8 Watt COB Light Engine
8瓦铜基板光引擎



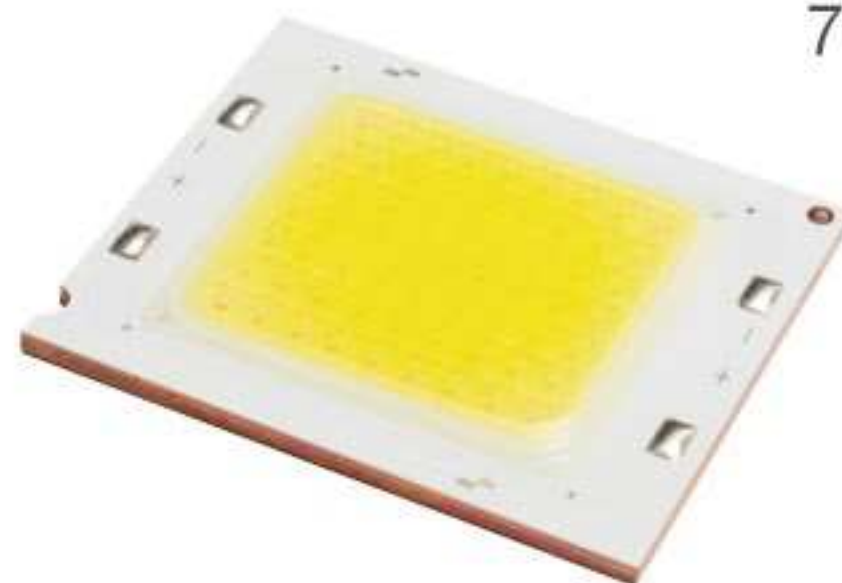
50 Watt COB Light Engine
50瓦铜基板光引擎



72 Watt COB Light Engine
72瓦铝基板光引擎



22 Watt COB Light Engine
22瓦铜基板光引擎



70 Watt COB Light Engine
70瓦铜基板光引擎

COB Light-Engine LEDs

Part Number	Color	CCT(K)	Vf (V) (Typ.)	Test Current (mA)	Watts	Flux(lm) (Typ.)	CRI	Lm/W
PA88-72FWL-N00N	White	5700K	25.6	2800	72	7200	72	100
PA88-72FVL-B00N	Warm White	3000K	25.6	2800	72	5200	80	73
PU79-70FWL-N00N	White	5700k	22.4	3100	70	7000	72	100
PU79-70FVL-B00N	Warm White	3000k	22.4	3100	70	5100	80	73
PU77-55FWL-N00N	White	5700k	22.4	2400	55	5500	72	100
PU77-55FVL-B00N	Warm White	3000k	22.4	2400	55	4000	80	73
PUAC-22FWL-N00N	White	5700K	31.1	720	22	2250	72	103
PUAC-22FVL-B00N	Warm White	3000k	31.1	720	22	1750	80	78
PU68-8FWL-N00N	White	5700k	18.5	480	8	920	72	103
PU68-8FVL-B00N	Warm White	3000k	18.5	480	8	620	80	78

