

Due to the high current needed to drive the high-brightness LEDs, thermal management becomes increasingly important especially when the number of LED count becomes increasing. Arrow Lighting Group source and provide differentiated PCBs so that our customers have the world best commercially available fast heat-drain PCBs. Arrow will also provide custom IRC Anotherm board, single LED per MCPCB as well as 3-in-1 MCPCB for special customers' needs.



► **FEATURES**

- Available in FR4 with metal base at 0.8 w/m-K
- Available in MCPCB, at about 1 to 4 w/m-K
- Available in IRC Anotherm at 27 w/m-K

► **BENEFITS**

- Cheap and must be used with vias, for 1 to 2 LEDs @350mA
- Industrial standard, affordable price
- Better thermal MCPCB, but higher price
- Best available thermal MCPCB, most costly

► **APPLICATIONS**

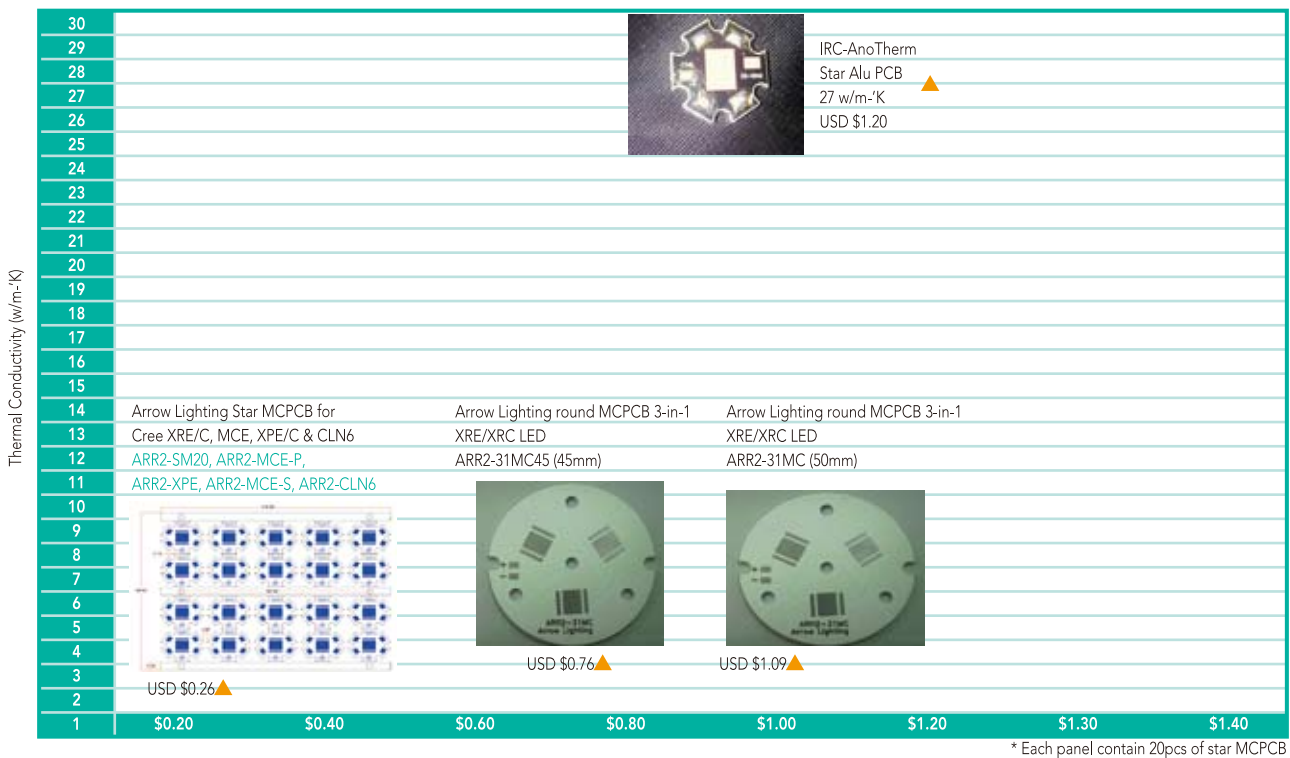
- Torch light or any single to 3 LED source of lighting
- Street lighting, park lighting
- General lighting

► **SUPPLIERS**

- TP electronics IRC
- Asian Sources

► **TYPES**

A) Standard star-board, round-board or square-board with FR4+metal base, MCPCB & IRC Anotherm material



* Each panel contain 20pcs of star MCPCB

B) IRC Anotherm 6 cree rectangular

- 35.7cm x 3.2cm x 2mm board (USD4 for 5K set)



C) IRC Anotherm 8 cree rectangular

- 56.5cm x 3.2cm x 2mm board (USD6.3 for 5K set)



D) IRC Anotherm 12 cree rectangular

- 30.3cm x 4cm x 1.5mm board (USD4.3 for 5K set)



E) IRC Anotherm 12 x 3 cree rectangular

- 29.5cm x 9.4cm x 1.5mm board (USD9.6 for 5K set)



F) IRC Anotherm 1 cree round

- 2.4cm diameter board (USD1.6 for 5K set)



G) IRC Anotherm 5 cree round

- Round 7.6cm diameter board (USD14.8 for 5K set)

