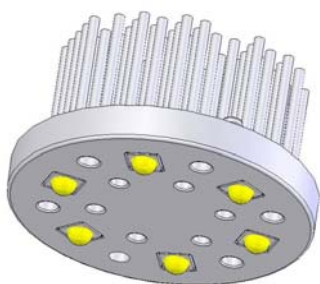
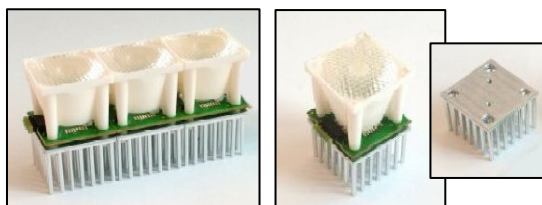




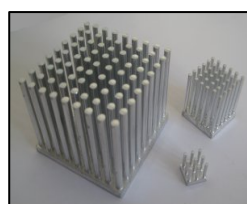
Pure Aluminium Heat Sinks for Power LEDs

THE ALTERNATIVE HEAT SINK TECHNIQUE FOR FUTURE LED LIGHTING

PINBLOC[®] is a new pin-fin heat sink technology made out of pure aluminium. It offers excellent cooling performance and thermally optimized heat transfer from the power LED modules to ambient air, enabling an optimal functioning and full life span of the LED.



- higher thermal conductivity (pure aluminium, 220 W/mK)
- faster heating-up transients (monolithic solid part)
- any orientation possible
- different heights with the same footprint
- lighter than extruded or die-cast heat sinks
- self-passivation protection layer of pure aluminium
- custom design configurations (i.e. with holes in the base)
- round or square base
- thermally conductive adhesive tape already applied (optional)
- forced convection configurations available



Base Diameter [mm]	P/N	Description (Round PINBLOC)
28,5	PBD 28.5-045-XX.	45 pins, d 1,5 mm, base 2 mm, in line pattern, height from 6,5 to 18,5 mm
32,5	PBD 32.5-061-XX.	61 pins, d 1,8 mm, base 3 mm, concentric pattern, height from 10 to 20 mm
36,5	PBD 36.5-068-XX.	68 pins, d 1,8 mm, base 3,5 mm, in line pattern, height from 10 to 20 mm
40	PBD 40.0-037-XX.	37 pins, d 3,0 mm, base 3 mm, in line pattern, height from 20 to 45 mm
	PBD 40.0-089-XX.	89 pins, d 1,8 mm, base 3,5 mm, in line pattern, height from 10 to 20 mm
	PBD 40.0-091-XX.	91 pins, d 1,8 mm, base 3 mm, concentric pattern, height from 10 to 20 mm
45	PBD 45.0-045-XX.	45 pins, d 3,0 mm, base 3.5 mm, in line pattern, height from 20 to 45 mm
50	PBD 50.0-127-XX.	127 pins, d 1,8 mm, base 3 mm, concentric pattern, height from 10 to 20 mm
	PBD 50.0-137-XX.	137 pins, d 1,8 mm, base 3,5 mm, in line pattern, height from 10 to 20 mm
	PBD 50.0-057-XX.X	57 pins, d 3,0 mm, base 3,5 mm, in line pattern, height from 20 to 50 mm
54	PBD 54.0-069-XX.X	69 pins, d 3,5 mm, base 3 mm, in line pattern, height from 20 to 50 mm