TACKLERS HIGH BAY LED LIGHTS

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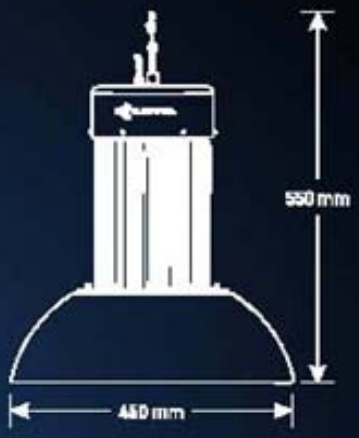
TACKLERS®
Natural Power

HT 200™

Heat tube based 200 watt LED light



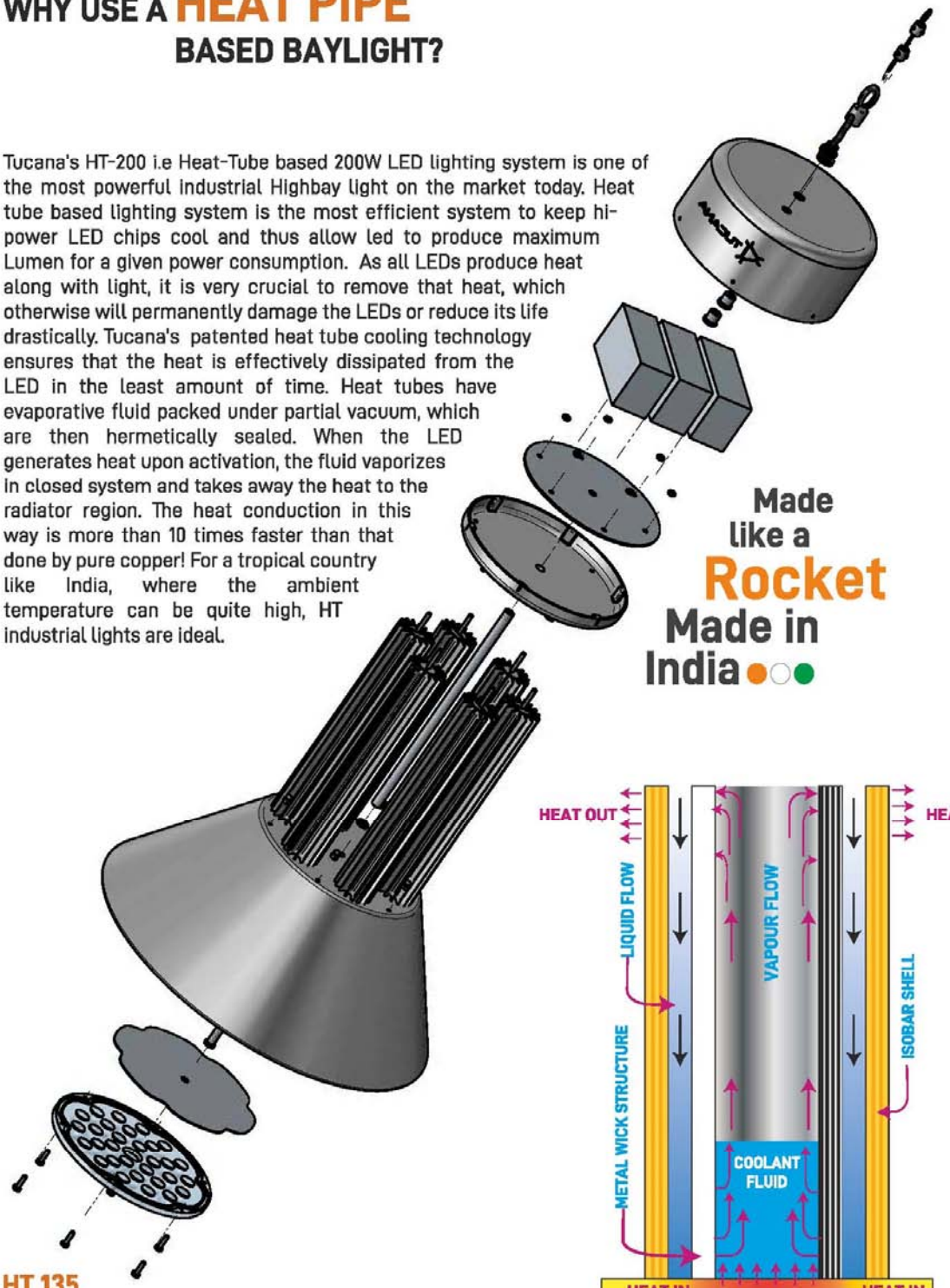
HT-200 is our patented 200 watt LED lighting system based on Industry's most advanced "Heat tube technology"

It has rock solid construction built for ages and best in class LED chips from Osram. The Driver, which is heart of HT-200 is potted and is from India's leading and most reliable brands viz. Pyrotech, India and BAG, Germany.

The light comes with ultra high light transmitting, 60 degree Optics grade Polycarbonate lens module. All in all , HT-200 is built to give decades of hassle free lighting.

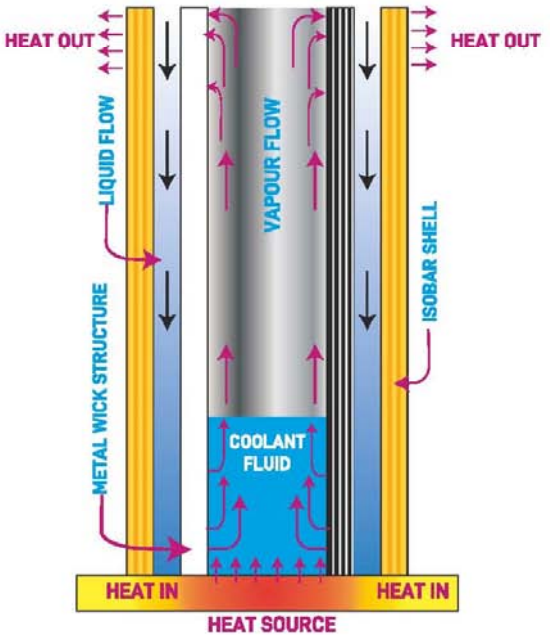
WHY USE A HEAT PIPE BASED BAYLIGHT?

Tucana's HT-200 i.e Heat-Tube based 200W LED lighting system is one of the most powerful industrial Highbay light on the market today. Heat tube based lighting system is the most efficient system to keep hi-power LED chips cool and thus allow led to produce maximum Lumen for a given power consumption. As all LEDs produce heat along with light, it is very crucial to remove that heat, which otherwise will permanently damage the LEDs or reduce its life drastically. Tucana's patented heat tube cooling technology ensures that the heat is effectively dissipated from the LED in the least amount of time. Heat tubes have evaporative fluid packed under partial vacuum, which are then hermetically sealed. When the LED generates heat upon activation, the fluid vaporizes in closed system and takes away the heat to the radiator region. The heat conduction in this way is more than 10 times faster than that done by pure copper! For a tropical country like India, where the ambient temperature can be quite high, HT industrial lights are ideal.



Made like a **Rocket** Made in India

HT 135 exploded view



BEAMSTREAM

BEAMSTREAM™

BEAMSTREAM™ is a premium high power, linear Industrial lighting system from Tucana.

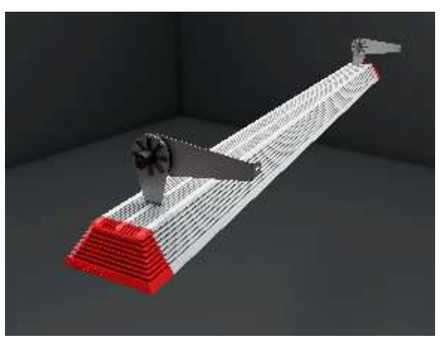
The product has been designed and engineered keeping industrial applications in mind. Each component of the products is specially designed to make the light sleek, rugged and with very long life.

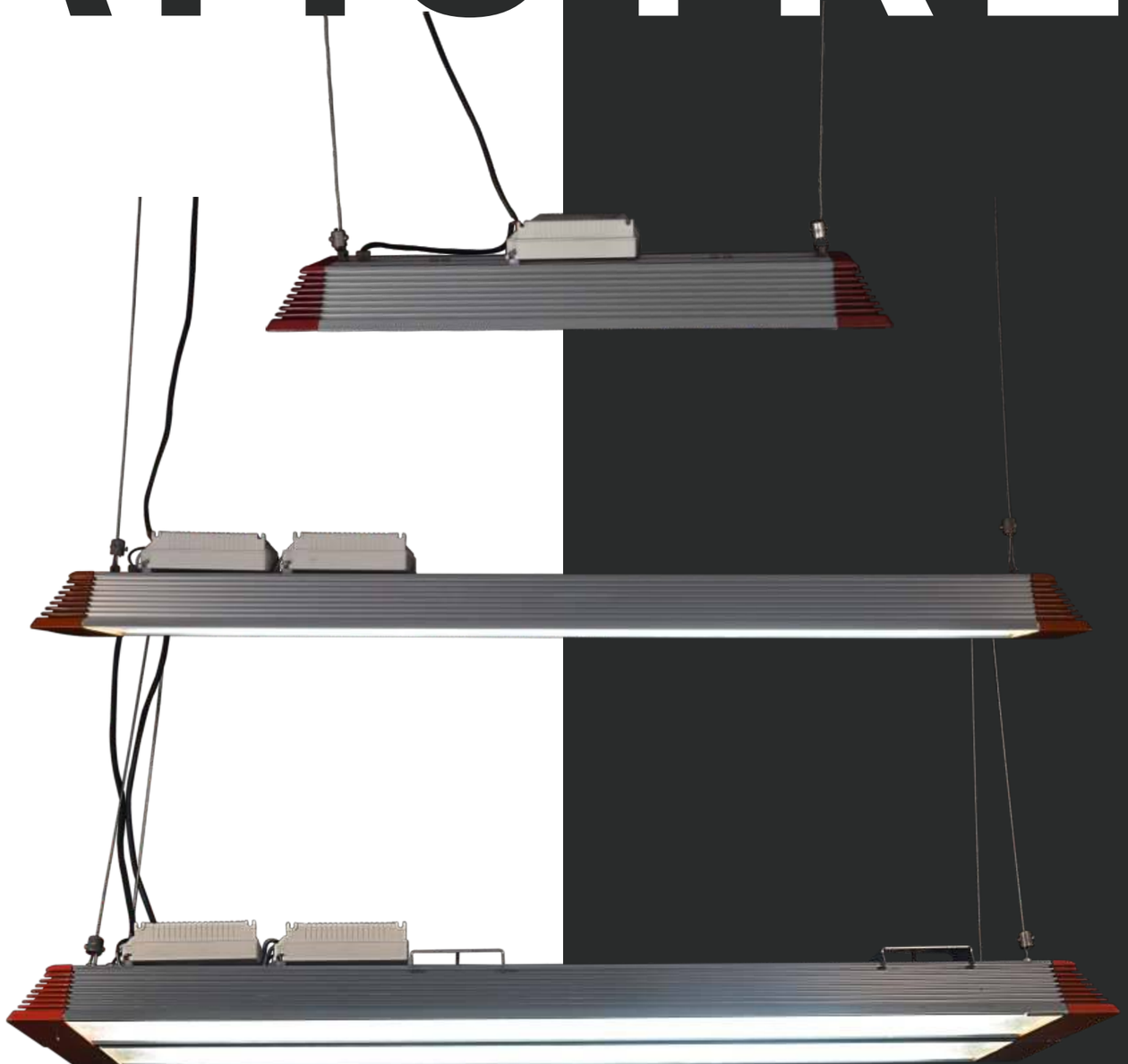
Beam stream is encased in sleek, rugged extruded Aluminum body. The Aluminum alloy used is 6063, the same alloy which goes in making Aircraft parts.

The entire body of Beam stream has a finned surface. This increases the surface area dramatically, leading to superior heat dissipation ability of the product. The end caps are pressure die cast in LM-6 grade aluminum alloy to maintain aesthetics and enhance heat dissipation of the sleek form of the product.

The product comes with High quality LED chips from OSRAM,(Germany) with very high lumen/watt efficacy, and extremely long life of about 50,000 hours (8 hrs/day x 20 years)

Beam stream is driven by a high-performance LED driver from BAG(Germany) or Pyrotech (India). The driver is Isolated, with an 8mm gap from the body. This keeps the fins well-ventilated, and prevent the driver from heating up. Driver replacement is also easy.



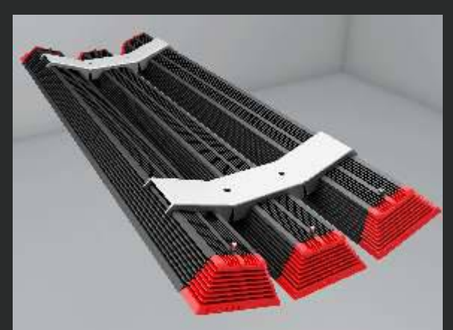


The product has been assembled using only premium SS-304 or Brass components,.

Beam stream is anodized in a matt finish to add to its beauty and to give it longevity along with a corrosion free surface. Beamstream is also available in architectural version. It is available In numerous color combinations to meet customized requirements. Architectural versions are coated with premium silicon coatings from Japan. These coatings are also thermally condustive.

Beamstream comes with two types of useful and convenient mounting mechanisms. It can be suspended using adjustable wire ropes (Stainless steel) which come along with the lights. It is also available with our patented Swivel gear mechanism.

Swivel gear is suitable for wall mounting and for instantaneous change of light direction. This is ideal for Engineering workshops, Art galleries, or just the general home or office architecture. 110 WATT version of beam stream with lens is a great choice for indoor stadium. Swivel gear give the opportunity, to adjust the light direction optimally, with minimal efforts.

Beam stream is available in lens optic version for Industries, where the ceiling height is more than 15 feet.

Architectural version of Beam stream is available in custom colored bodies and led color option of 3K and 4K.