

Mobile Lighting Tower 1000w HTI

BALLOON :

- Dimension : 1075mm diameter & 600mm height
- Material : Rip-stop nylon with polyurethane coating
- Non flammable & UV-resistant envelope material
- Elliptical shape offers strong wind resistance of up 100 km per hour / 62.5 miles per hour
- Built in high heat resistance reflector for optimal light output
- Inflated by a blower with internal pressure of 3 mbar / 300 pa
- Built in pressure sensor to withstand strong falls or impact
- Continuous circulating air maintains envelope inflated and keep the lamps cool
- Auto power cut off switch to prevent eye damage if internal pressure is reduced

TILTING HEAD DEVICE :

- Dimension : 100mm diameter & 110mm width
- Material : POM-C
- ASTM Test : Hardness (Rockwell) – R116
- ASTM Test (D256) : Impact Strength (Izod notched) – 6.1kg/cm2
- ASTM Test (D638) : Tensile strength – 685 kg/cm2, Elongation (At yield) – 40%, Tensile modulus – 31900 kg/cm2,
- ASTM Test (D648) : Deflection temperature (18.5kg/cm2) – 106 degrees celisius
- ASTM Test (D695) : Compressive strength (10% deformation) – 885 kg/cm2
- For tilting the envelope up to 90 degrees for directional lighting
- Can fit various pole sizes

POLE / BASE STAND :

- Dimension : 40 mm diameter & 1.4 meters height
- Material : Epoxy coated steel & aluminium for resistance of rust, corrosion & oxidation
- Adjustable height of up to 4.1 meters for wider lighting coverage
- Strong & wide expandable base of 1.72 meters for stability

BAG FOR STAND :

- Dimension : 1435mm length X 215mm width & 185mm height
- Material : Italiano leather sling on bag for easy carry
- Stand weight with bag is 8 kilogram

CONTAINER FOR LAMP :

- Dimension : 275mm diameter & 900mm height
- Material : Plastic container wrapped with Italiano leather & chrome steel handle
- Balloon weight with container is 6 kilogram

CONTAINER FOR BALLAST :

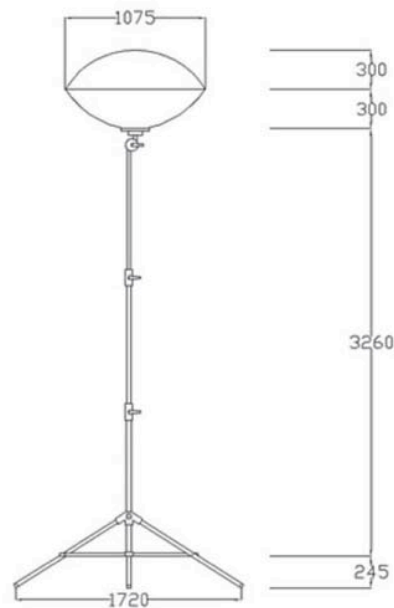
- Dimension : 200mm length X 300mm width X 250mm height
- Material : High pressure die cast aluminium housing & chrome steel handle
- Ballast weight with container is 15 kilogram

SETUP :

- Quick setup for emergency response (Max. of 3 minutes setup for 1 person)
- Balloon inflates in 45 seconds

ELECTRICAL DATA (230V) :

- Lamp type – Metal halide tubular lamp with E40 cap
- Lamp dimension – 80 mm diameter X 340 mm length
- Lamp power – 1 no of 1000 watt
- Average Lamp lifespan – 8000 hours
- Lamp maximum temperature – 400 degrees Celsius
- Power supply protection – 10 amp fuse
- IEC standards requirement: – IEC 922 & IEC 923 for ballast IEC 926 & IEC 927 for ignitors
- Power cable – 3G1.5



TRANSPORT :

- Easy transport with equipment easily fitted in the car

LIGHTING DATA :

- Lighting coverage area at 4 meters height - 1760 square meter
- Lighting area at 4 meter height with minimum 10 lux – 520 square meter
- Lighting below 4 meter / 4 meter – 340 lux
- Efficiency – 80 lumens per watt
- Maximum lumens – 80000 lumens
- Temperature color – 6000 k
- Run-up time – 4 minutes
- Restrike time – 7 minutes
- Ignitor voltage – 4 to 5 kv
- PFC capacitor – 80 uF



Accessories & Features

