

168 LED STREET LIGHT

STANDARD FEATURES

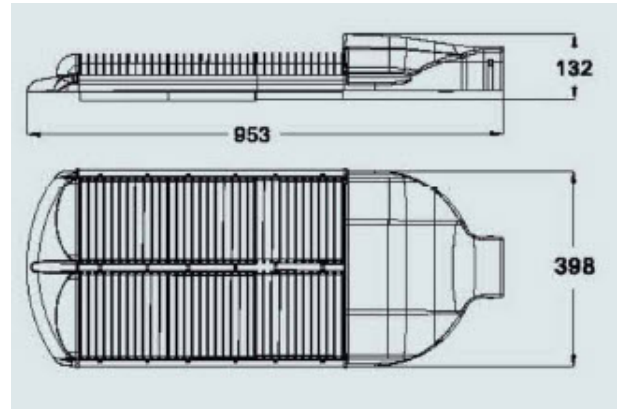
Impact Lighting Inc.'s HP series streetlights are built to the exact standards required by your application. With various optical distributions, flexible drive currents, numerous optional features, and the option to choose the number of LEDs, no other product on the market is more versatile.

- Horizontal Tenon Mount
- Tool-free maintenance
- Surge Suppression rated up to 6 KV
- Modular Design
- Die-Cast and Extruded-Aluminum Housing
- UL listed



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- RoHS Compliant
- Available options
- NEMA Twist and Lock Receptacle
 - D2 photo sensor available
 - 100-277V (Universal)
 - 12VDC, 24VDC available for solar system
 - Two Level With or Without Sensor
 - Remote control available
 - Vertical Tenon Mount Adaptor



OPTICAL PARAMETERS

- LED quantity: 168
- LED color temperature: 3000 ~ 3500K/4000 ~ 4500K/5500 ~ 6500K
- Lighting efficiency: "90%
- LED luminous efficiency: > 100lm / W
- The initial light flux Tj = 25C: 16500lm
- The initial light flux Tj = 66 C: 15400lm
- 8meters high and the range of illumination: 47lux, 28mX13m
- 10meter-high illumination and scope: 30lux, 35mX16m
- 12meter-high illumination and scope: 21lux, 42mX20m
- Color rendering index: Ra > 75
- Beam angle: 130 °X 80 °

ELECTRICAL PARAMETERS

- Input voltage and frequency range: AC100 ~ 240V 50 ~ 60Hz
- Power Factor: > 0.95
- Input Current: 1.33A(220V)
- Total power: 220W

OTHER PARAMETERS

- Shell temperature (ambient temperature 30 C): 51C
- Junction temperature (ambient temperature 30 C): 64C
- Shell temperature (ambient temperature 30 C): 21C
- Operating temperature and humidity: -30 ~ 40 °C, 10 ~ 90RH
- Storage temperature: -20-45°C
- Dimensions: L953XW398XH132mm
- Net Weight: 15kg
- Protection class: IP65
- Life: 50000h