

DuraStar™ Series 20

Roadway Lighting System
70-150W HPS, 100-175W MV/MH

PRODUCT OVERVIEW

Applications:

- Roadways, Residential Streets, Storage Areas, Parking Lots, Campuses, Parks, Security Lighting, Coastal Areas, Corrosive Environments.

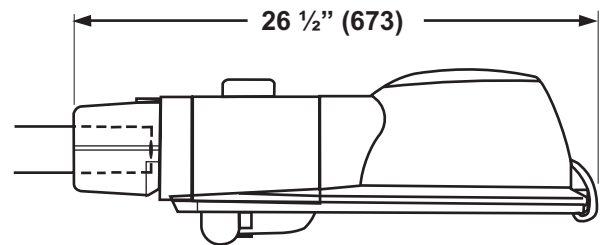
Features:

- Revolutionary DuraLock docking system provides modular installation and interchangeability for easy maintenance. Rugged die-cast, powder-coated docking station mounts securely to mast-arm to ensure secure wiring and long-lasting stability. Durable lightweight lighting fixture positively docks by plugging in with a 20° locking twist.
- Composite fixture housing resists impact, is non-conductive and resists weather corrosive environments. High temperature UV-stabilized material ensures long-term reliability under harsh sunlight, heat and humidity.
- High-efficiency optical system maximizes light output while minimizing objectionable glare.
- Starter component is externally accessible for easy maintenance and is fully encapsulated for long life.
- Wildlife shield is cast into the docking station (not a separate piece) and is easily adjustable for 1-¼" to 2" (32mm-51mm) mast-arm.
- Cam-latch doorframe allows easy re-lamping without tools.
- Large surface area "breathing seal" gasket seals the optical chamber to prevent intrusion by insects and environmental contaminants. Heat-resistant gasket material remains effective over the life of the fixture.

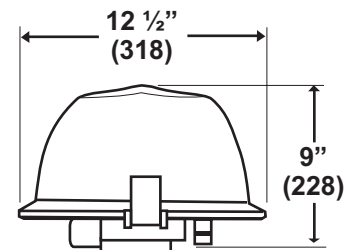
LAMP/BALLAST OPTION

High Pressure Sodium	70 - 150 watts
Metal Halide	100 - 175 watts
Mercury Vapor	100 - 175 watts
Available Voltages	120, 208, 240, 277, or Multi-Tap (120-277), 480
Ballast Type	Reactor, Regulated or Lag Auto

DIMENSIONS



SIDE VIEW



FRONT VIEW

OPERATING PARAMETERS

- ISO 9002 Certified Manufacturing
- Suitable for ambient temperature from:
-30° C to 25° C MH/ -40° C to 25° C HPS.
- Optical chamber is IP64 rated standard.
- Complies with ANSI:C136.2, C136.10, C136.15

OPTIC DISTRIBUTION

	R2SA	R3SA	R2SP	R3SP	R2FG	R3FG
70W-HPS	●	●	●	●	●	●
100W-HPS	●	●	●	●	●	●
150W-HPS	●	●	●	●	●	●
100W-MH	●	●	●	●	●	●
175W-MH			●	●		
100W-MV	●	●	●	●		
175W-MH			●	●		

Effective Projected Area (EPA)

The EPA for DuraStar™ is .56 sq. ft.

The EPA for DuraStar™ sag lens is .70 sq. ft.