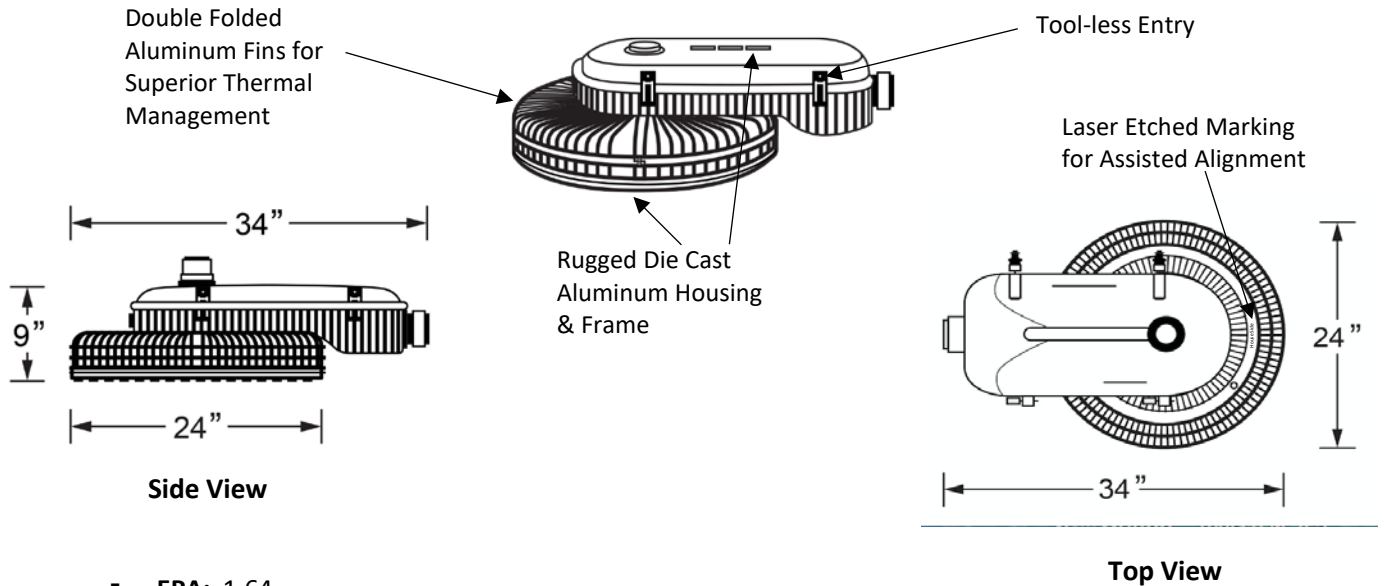


Navigator



- **EPA:** 1.64
- **Weight:** 69 lbs.
- **IP Rated:** 66 (whole fixture)

Construction

Housing:

Die cast frame with a minimum of 96% copper free aluminum, Double Folded Aluminum heat sinking fins thermally sealed to heat sink. Durable corrosion resistant powder coated finish. Minimum shell thickness of 0.050-inch, with stainless steel or zinc plated hardware. Integral 4-bolt 2-inch slip-fitter adaptable to mounting tenons and adjustable to 1¼" or 2" nominal mounting pipe (1 5/8" to 2 3/8" OD). Integral die cast mounting pipe stop feature & integral vertical leveling of up to 5°. Safety cable from LED to Driver housing included standard for peace of mind. Light Engine IP 66 rated. UL 1598 safety tested to 40C, wet locations.

Driver Housing:

Tool-less entry allows for easy installation and maintenance. The hinged driver housing and Quick Disconnect module allows maintenance crews to quickly replace the Navigator's integral drivers. Tightly sealed and gasketed driver housing ensures moisture from entering the enclosed area.

Vibration Test:

ANSI C136.31-2010 Level 2 (3.0g Vibration)

Electrical:

System Power Consumption: 560W or 660W

Maximum Drive Current: 750 ma

Life: Minimum L90 @ 90,000 hours per TM21. Minimum testing 6,000 hours

Dimming: 0-10v dimmable electronic driver with minimum rated life of 100,000 hours @ 75C

Drivers: Two (2) programmable output current drivers 100-480V, 50/60 Hz, 0-10V dimming (10% or higher) Max Case, quick disconnect, surge protection meets 10KV/5KA per ANSI/IEEE C63.41. THD <10%, ROHS compliant. 3-Stage terminal block.

Optional Potentiometer: 100%, 95%, 90%, 85%

ETL Certification

Thermal Management System

The thermal management system provides superior conductive properties using heat pipe technology engineered to pull heat away through a sealed chamber of extruded aluminum then radiating out onto the double folded aluminum fins resulting in longer LED life.

Optical

Polycarbonate secondary optic available in Type I, II, III, IV & V beam distributions. Field adjustable optical assembly can quickly rotate up to 360°. House Side Shield optional.

LEDs:

- UV Stabilized refractor for each individual diode
- IP 66 optical chamber
- Minimum of 70 CRI
- CCT: 3500K (± 250K), 4100K (± 250K), 5000K (± 250K)

Controls

Twist Lock Photo Control receptacle options meeting ANSI 136.41 include 3-Pin NEMA, 5-Pin NEMA, and 7-Pin NEMA.

Warranty

Ten-Year Limited Warranty. See details at www.SpecGradeLED.com

| SERIES | SYSTEM | COLOR TEMPERATURE'S DELIVERED LUMENS | | | INPUT VOLTAGE | | FINISHES | OPTIONS | ACCESSORIES |
|--------|--------|--------------------------------------|----------|----------|---------------|----------|------------|-----------------------------|-------------------------|
| | | 3500K | 4100K | 5000K | Type 1 | Type 2 | | | |
| NAV | | | | | | | | | |
| | M1 | 23435 lm | 30046 lm | 33384 lm | Type 1 | 120-277V | BK-Black | 3P: 3 Pin NEMA Receptacle | SF: Single Fuse |
| | M2 | 30760 lm | 39436 lm | 43818 lm | Type 2 | 347-480V | WT-White | 5P: 5 Pin NEMA Receptacle | DF: Double Fuse |
| | M3 | 49568 lm | 60750 lm | 63056 lm | Type 3 | | GR-Gray | 7P: 7 Pin NEMA Receptacle | HSS: House Side Shield |
| | M4 | 60607 lm | 77764 lm | 86141 lm | Type 4 | | RAL-Custom | POT: Potentiometer | PS1: 120-277V Photocell |
| | | | | | Type 5 | | | SP10: 10KV Surge Suppressor | PS2: 347V Photocell |
| | | | | | | | | SP20: 20KV Surge Suppressor | PS3: 480V Photocell |