



# NH2s™

## LED Nema Head

americanlite®

We light your world™





IP65

IK08

RoHS

LM79

LM80

Lumens  
130LxWSurge  
protector  
4kVVOLTS  
100-277PF  
>.90THD  
<20%CCT  
5700KCRI  
>70

50,000

-40°C-50°C

Americanlite® Dusk-to-Dawn LED fixtures are built to withstand rugged outdoor environments and operate in all weather conditions while providing bright, reliable light.

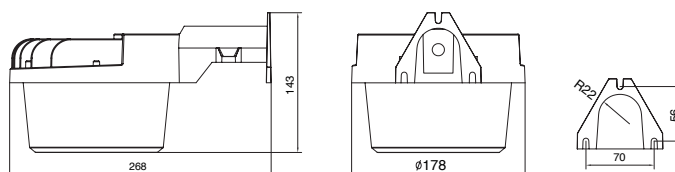
The LED NH2s™ luminaire combines high performance, low maintenance and easy installation in a simple, extremely economic package. Designed for years of worry-free operation, the NH2s™ luminaire is ideal for outdoor applications that requires superior optical performance and fast payback on capital. NH2s™ consumes 35w with delivered light output of 4,558 lumens, 50,000 hours operating life, with a lumen maintenance factor L90, and 5700K color temperature.

Heavy duty cast aluminum housing, rust and corrosion proof, polyester powder coating, brown color finish, aluminum sink attached to the housing directly, to reduce LED heat and to add long life. Enclosed and gasketed prismatic polycarbonate lens produce type V distribution. High light transmittance, UV resistance. Top grade LEDs, high output, LM80.

Constant current class 1 driver, with integral 4kV surge protection, 100V-277V (+/- 10%), power factor >.90. The Driver is mounted directly to heavy gauge aluminum plate for cooler fixture operation and longer life. Self-Build In Photocell Photocontrol for dusk to dawn operation. The NH2s™ is designed to operate in temperatures of -40°F (-40°C) to 122°F (40°C), humidity ≤95%.

The energy savings, long life and easy-to-install design of the NH2s™ make it the smart choice for building-and post-mounted doorway, pathway, parking and yard illumination for nearly any facility in utility applications.

### Dimensions (mm)



### Ordering information

Item	Power	CCT	Lumens	Options
AL584010	35w	5700K	4550	5 5000K

### Tests / Certificates:

- Lumen values are from photometric tests performed in accordance with IESNA LM-79-08
- Luminaire Lumen Maintenance Factors (LMF): based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11) @ a 25°C ambient.
- Luminaire and finish endurance tested to withstand 3,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

- Certified to ANSI C136.31-2001, 3G vibration standards.
- Surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.
- Meets FCC Part 15 standards for conducted and radiated emissions.

#### NOTES:

- 4KV line to ground / 2.5 KV line to line

### Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
35w	6	62.5 x 50 x 21.5	0.0672	9.5



## Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED fixtures in this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, TUV, FCC or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed lamp to determine the cause of failure, excessive lumen depreciation and patterns of usage.