ATHENA LED SERIES
AT-2014-LED-D4

IP66 RATED
COMPONENTS

CAST ALUMINUM FINIAL
W/ SIDE VENTING FOR
HEAT DISSIPATION

A-2014 GLOBE
U.V. STABILIZED
FROSTED OR WHITE
POLYCARBONATE

WIDGET LOUVER
FOR HEAT DISSIPATION
(4 @ 90°)

HIGH PERFORMANCE
FORGED HEAT SINK

TELESCLING AND
LOCKING CENTER POST

SUPERIOR OPTICAL LIGHT
CONTROL FOR MAXIMUM
PERFORMANCE & COVERAGE

36 KV SERIES
IMPEDANCE BALANCED
SURGE SUPPRESSOR

HIGH PERFORMANCE
OSRAM SYLVANIA DRIVER

MOUNTING DISK
W/ #10-24X 3/4" S.S.
HEX WASHER HEAD

THREAD-CUTTING SCREWS
(5 @ 120°)

(4) 1/8-18 X 3/4" S.S. CONE POINT
SET SCREW

(4) 1/8-18 X 3/4" S.S. CUP POINT
SET SCREW

SCALE: 1"=1'-0"
E.P.A. = 2.70 SQ.FT.

EXAMPLE
AT-2014-LED-5000-75-120/277-III-BLK

AT-2014-LED-
Series Globe Kelvin Wattage Voltage Distribution Color

<table>
<thead>
<tr>
<th>GLOBE</th>
<th>KELVIN</th>
<th>MODEL = WATTAGE = LUMENS</th>
<th>VOLTAGE RANGE-AC</th>
<th>LIGHT DISTRIBUTION</th>
<th>COLOR OF POWDER COAT FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROSPECT (CLEAR)</td>
<td>2200</td>
<td>3372Lms 4196Lms 6587Lms 8017Lms</td>
<td>120/277v TYPE III</td>
<td>(BLK) BLACK</td>
<td></td>
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<tr>
<td>WHITE (MILKY)</td>
<td>3500</td>
<td>3853Lms 4675Lms 6954Lms 8500Lms</td>
<td>120/277v TYPE V</td>
<td>(BRZ) BRONZE</td>
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<tr>
<td></td>
<td>4000</td>
<td>4095Lms 4996Lms 6870Lms 8556Lms</td>
<td>120/277v TYPE V</td>
<td>(HBR) HAND BRUSHED GRAY</td>
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<tr>
<td></td>
<td>5000</td>
<td>4095Lms 4996Lms 6870Lms 8556Lms</td>
<td>120/277v TYPE V</td>
<td>(GRN) GREEN</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1000</td>
<td>4095Lms 4996Lms 6870Lms 8556Lms</td>
<td>120/277v TYPE V</td>
<td>(CST) CUSTOM</td>
<td></td>
</tr>
</tbody>
</table>

LUMINAIRE SPECIFICATION

HOUSING
The post top shall be cone cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic defects. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". LED assembly unit shall be mounted in the post top with four stainless steel screws and a quick disconnect for easy removal. Heat vents at base of fixture top of globe increases thermal management and LED longevity.

LED POWER SUPPLY
All electrical components and materials shall be UL-recognized and wired by a certified UL technician. The electrical assembly is protected with quick disconnects for servicing. Electrical components rated for 1 amp, but only draws 300 milliams when added to the unit backfeed, input voltage 110-277v with 36KV surge suppressor. All components are P66 rated with 1.0 PF rating. Service life up to 100,000 hours life at +45°C to +60°C. Ambient, Operating Temperature <20% Total Humidity, Dampness.

LED CIRCUIT BOARD
LEDs are available in 3000, 4000 & 5000 Kelvin with a Type III or Type V light distribution. Instant On/Off with start, PF rating of 90% Salt Creek panel.

MOUNTINGS
Flange shall be mounted to #6 1/2" X 3/4", tamper with stainless steel hex head set screws (6 @ 90°)

CERTIFICATION
This fixture shall be UL Certified for wet location use. LED unit is D.C. listed with P66 Components, Designed to UL 1598 & UL 1449 3rd Edition. UL Driver is Installed. Complies with IEEE C62.1 and FCC Part 15 Class A.

FINISH-AAAAM=2655+5
Finish shall consist of degreasing, phosphoric acid etching with 140°F deionized water rinses, oven dry off and top coated with a thermoset TGIC super solvent powder coat. Finish designed not to chalk or fade for many years. All Niland Company finishes pass a minimum 3000-hour salt spray test for corrosion resistance.

WARRANTY
10 Year limited warranty on LED module and electronic driver. Please contact manufacturer for more details.

PHOTOMETRICS
Complete photometric data for all fixtures is available in ES format. A certified independent laboratory performs testing. Call the Niland Company office for more information.

NILAND/LED
Leading The Way For Solid State Street Lighting

QUICK 60+ Warranty On Parts

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All LED products manufactured in the United States.