

# DUNDEE

ALN 610



ALN 610H2-WDM



ALN 610H3-LDL

ORDERING EXAMPLES

FIXTURE	LAMP/BALLAST	ARM	BASE-POLE	COLOR	OPTIONS
ALN 610H3	100MH	•	DB8-4F14-125	BLK	•
2-ALN 610H5	150HPS	TRA5U	DB3-4R16-226	MAL	LDL

FIXTURE	DESCRIPTION	LBS	EPA	IP
ALN 610H2	clear acrylic lens, type 2 horizontal cutoff reflector	32	2.15	53
ALN 610H3	clear acrylic lens, type 3 horizontal cutoff reflector	32	2.15	53
ALN 610H4	clear acrylic lens, type 4 horizontal cutoff reflector	32	2.15	53
ALN 610H5	clear acrylic lens, type 5 horizontal cutoff reflector	32	2.15	53

COLORS

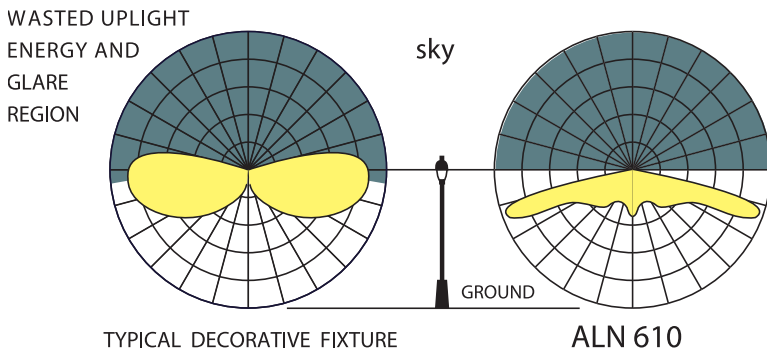
---> Standard AAL Colors.

OPTIONS

WDM	Fixture dome painted white.
LXN	Polycarbonate lens in lieu of acrylic.
LDL	Lightly diffused lens to conceal fixture interior.

A typical decorative emits up to fifty percent of its light energy above the horizontal plane. The result: wasted electrical energy, light pollution of surrounding areas, and glare. The ALN 610 reflector systems direct all its light energy below the horizontal plane and below the "glare zone". More footcandles of light energy reach the ground where it is needed, and the light output is uniform in pattern. The ALN 610 allows wider pole spacing and lower wattage lamps.

LIGHT POLLUTION REDUCTION



LAMP/BALLAST

CF	Fluorescent, electronic ballast 120 thru 277 volt. 18° C starting temperature. Use 4-pin 26, 32 or 42 watt lamp.
PL57	57 watt compact fluorescent ballast 120 thru 277 volt. Use a GE F57QBX lamp. 0°C minimum. start temp.
PL70	70 watt compact fluorescent ballast 120 thru 277 volt. Use a GE F70QBX lamp. 0°C minimum. start temp.
50MH	50 watt metal halide, 120/277 volt ballast. Use medium base, clear ED-17 lamps.
70MH	70 watt metal halide, 120/208/240/277 volt ballast. Use medium base, clear ED-17 lamps.
100MH	100 watt metal halide 120/208/240/277 volt ballast. Use medium base, clear ED-17 lamps.
150MH	150 watt metal halide 120/208/240/277 volt ballast. Use medium base, clear ED-17 lamps.
175MH	175 watt metal halide, 120/208/240/277 volt ballast. Use medium base, clear ED-17 lamps.
70HPS	70 watt high pressure sodium, 120/208/240/277 volt ballast. Use medium base, clear ED-17 lamps.
100HPS	100 watt high pressure sodium, 120/208/240/277 volt ballast. Use medium base, clear ED-17 lamps.
150HPS	150 watt high pressure sodium, 120/208/240/277 volt ballast. Use medium base, clear ED-17 lamps.

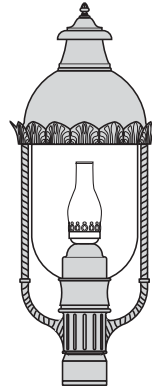
**NOTE:** Lamps not included. All fixtures prewired for 277 volts.

OPTION

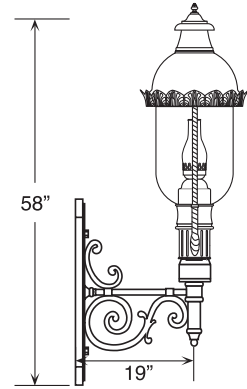


Lightly diffused lens to conceal fixture interior.

DIMENSIONS

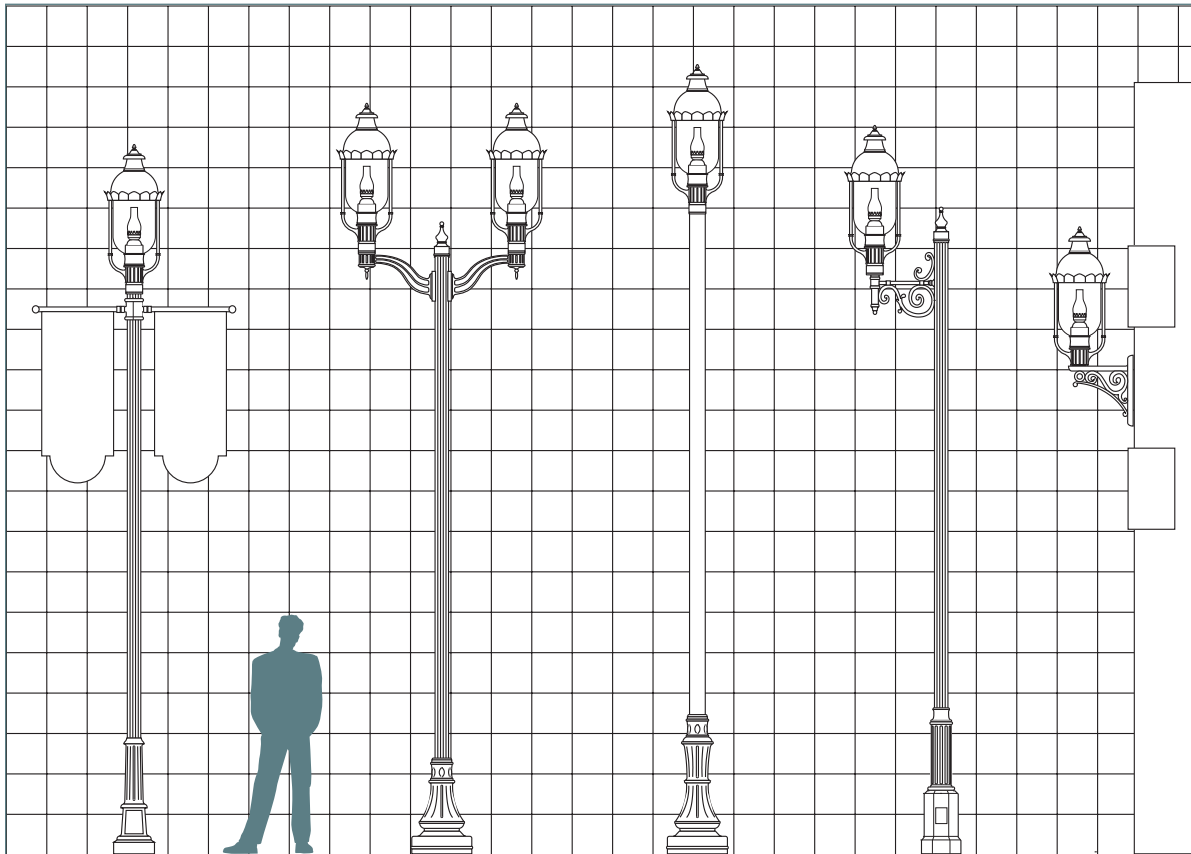


ALN 610 40" x 17"



ALN 610 WMA-1L

ELEVATED SCALE



SCALE: 0.25" = 1'

HEAD	ALN 610	2-ALN 610	ALN 610	2-ALN 610	ALN 610
ARM	•	2-TRA6U	•	TRA1L	WMA3
POLE	DB1-4F14	DB3-4F14	DB4-4R16	DB8-4F14	•
OPTIONS	BBD4-24	•	•	•	•



A quality design for precision lighting:

- Reflector module rotatable on 90° centers
- Fully gasketed to keep dust and insects out of the interior
- Two captive fasteners insure a solid seal of the interior
- Hinged top for easy relamping
- Integral ballast assembly

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## SPECIFICATIONS

### HOUSING

Housing and ring shall be cast aluminum, certified as pure A356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be of uniform wall thickness, minimum .188" with no warping or mold shifting. The ballast housing shall be a one piece, high strength casting with an integral heat sink for the ballast assembly. The fixture top shall be attached with a stainless steel hinge and sealed with a molded silicone gasket. The top shall be secured with two captive tamper resistant screws. Luminous dome shall be molded opal acrylic with an inner glass radiating dome. The lens shall be one piece clear, injection molded acrylic, sealed in the housing. All hardware shall be stainless steel.

### REFLECTOR MODULE

The optical assembly shall consist of a polished specular upper reflector and a satin finished lower reflector to control glare. The reflector module shall be mounted to the fitter assembly and remain stationary when the globe is removed.

### ELECTRICAL

Electrical components shall be mounted and wired to a mounting plate within the fixture. The ballast compartment shall be sealed with an aluminum cover. All electrical components and materials shall be U.L. recognized. Ballasts are high power factor rated for -30° starting. Medium base porcelain sockets are 4KV rated.

### MOUNTING

Fixture slips over a 4 inch O.D. pole for post top mounting.

### FINISH

Fixture finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

### CERTIFICATION

The fixture is listed with UL for outdoor, wet location use. UL1598. IP Rating: 53

### WARRANTY

Fixture is warranted for three years. Ballast components carry the ballast manufacturer's limited warranty.

### PHOTOMETRY

Complete photometric data is available in IES formatted files on AAL's website: [www.aal.net](http://www.aal.net).

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### ARCHITECTURAL AREA LIGHTING

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