

# Perspect



## ORDERING EXAMPLES

1-LUMINAIRE	2-LAMP/BALLAST	3-ARM	4-BASE-POLE	5-COLOR	6-OPTIONS
SL PL30CGR3	150HPS	SLA-1	PR4-4R10	BLK	LDL
2-SL PLD24-30C	175PSMH	SLA-18-2	PR5-5R16	MAL	•



## 1-LUMINAIRE

### UP POSITION

<b>SL PL30C</b>	Clear lexan lens with 30" hood. 38 lbs. EPA: 2.0 IP=53
<b>SL PL30CGR3</b>	Clear lexan lens with 30" hood. Type 3 refractor. 38 lbs. EPA: 2.0 IP=53
<b>SL PL30CGR5</b>	Clear lexan lens with 30" hood. Type 5 refractor. 38 lbs. EPA: 2.0 IP=53
<b>SL PL30-24C</b>	Clear lexan lens with 30" & 24" hood. 40 lbs. EPA: 2.27 IP=53
<b>SL PL30-24CGR3</b>	Clear lexan lens with 30" & 24" hood. Type 3 refractor. 40 lbs. EPA: 2.27 IP=53
<b>SL PL30-24CGR5</b>	Clear lexan lens with 30" & 24" hood. Type 5 refractor. 40 lbs. EPA: 2.27 IP=53

*Note: Maximum wattage shall be 150 watts.*

### DOWN POSITION

<b>SL PLD24C</b>	Clear lexan lens with 24" hood, top mount. 40 lbs. EPA: 2.0 IP=53
<b>SL PLD24CGR3</b>	Clear lexan lens with 24" hood, top mount. Type 3 refractor. 40 lbs. EPA: 2.0 IP=53
<b>SL PLD24CGR5</b>	Clear lexan lens with 24" hood, top mount. Type 5 refractor. 40 lbs. EPA: 2.0 IP=53
<b>SL PLD24-30C</b>	Clear lexan lens with 30" & 24" hood, top mount. 42 lbs. EPA: 2.7 IP=53
<b>SL PLD24-30CGR3</b>	Clear lexan lens with 30" & 24" hood, top mount. Type 3 refractor. 42 lbs. EPA: 2.7 IP=53
<b>SL PLD24-30CGR5</b>	Clear lexan lens with 30" & 24" hood, top mount. Type 5 refractor. 42 lbs. EPA: 2.7 IP=53

*Note: Maximum wattage shall be 250 watts.*

## 2-LAMP/BALLAST

<b>50MH</b>	50 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
<b>70MH</b>	70 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
<b>100MH</b>	100 watt metal halide 120/208/240/277 volt ballast. Use medium base ED-17 lamp.
<b>150PSMH</b>	Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use medium base ED-17 lamp.
<b>175PSMH</b>	Pulse start 175 watt metal halide 120/208/240/277 volt ballast. Use medium base ED-17 lamp. For SL PLD only.
<b>200PSMH</b>	Pulse start 200 watt metal halide 120/208/240/277 volt ballast. Use medium base ED-17 lamp. For SL PLD only.
<b>250PSMH</b>	Pulse start 250 watt metal halide 120/208/240/277 volt ballast. Use mogul base, ED-28 lamp. For SL PLD only.
<b>70HPS</b>	70 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
<b>100HPS</b>	100 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base ED-17 lamp.
<b>150HPS</b>	150 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
<b>250HPS</b>	250 watt high pressure sodium 120/208/240/277 volt ballast. Use mogul base, ED-28 lamp. For SL PLD only.

*All ballasts are factory wired for 277 volts, unless specified. Lamps not included.  
All applicable ballasts are EISA compliant.*

## 3-COLOR

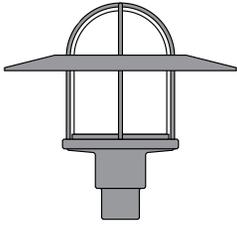
All standard and premium AAL colors available.

For RAL and custom colors, please submit a 4-digit RAL number or color chip for custom colors.

## 4-OPTIONS

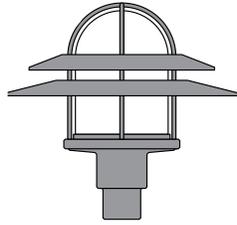
<b>FRD</b>	Lens frosted on domed area to illuminate lens - <b>SL PL only.</b>
<b>LDL</b>	Lightly diffused lens to conceal fixture interior.
<b>HSS</b>	House side shield -180°
<b>AD5</b>	Adaptor, to slip over a 5"/127mm O.D. pole. <b>PL30 fixtures only.</b>

## DIMENSIONS



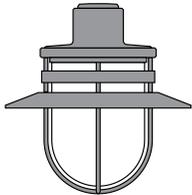
**SL PL30**

27.5"/699mm x 30"/762mm



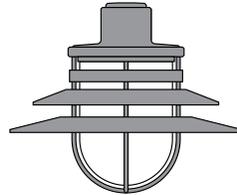
**SL PL30-24**

27.5"/699mm x 30"/762mm



**SL PLD24C**

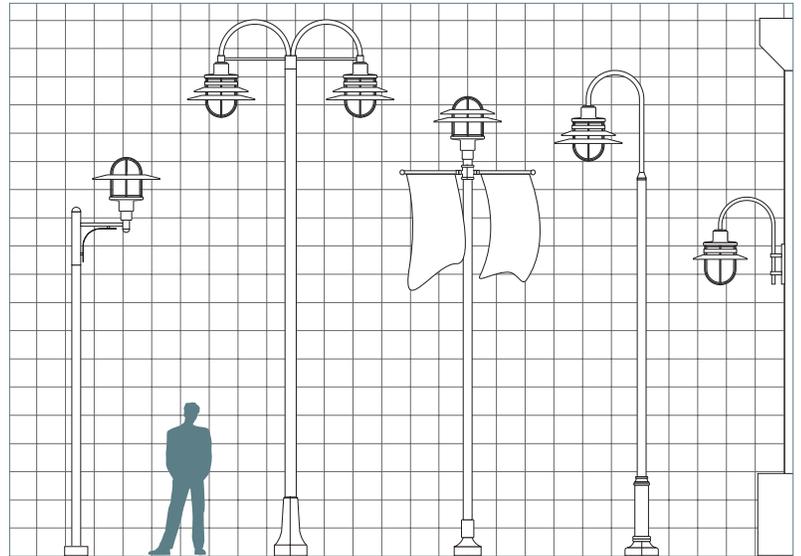
24.5"/622mm x 24"/610mm



**SL PLD24-30C**

24.5"/622mm x 30"/762mm

## ELEVATED SCALE



scale: 0.25" = 1'

HEAD	SL PL30	2-SL PLD24-30	SL PL30-24	SL PL24-30	SL PLD24
ARM	SLA1	SLA18-2	•	SLA7	WMA12
POLE	PR4-4R10	PR5-5R18	PR4-4R14	DB6-4R14	•
OPTIONS	•	BC5-5	BC2-4 BBD4-24	•	•

## SPECIFICATIONS

### HOUSING

The fixture shall be cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Four way cage shall be formed from 1/2" aluminum tubing, welded at the intersection and bolted into place inside the housing.

Electrical components are mounted in the fixture. The ballast compartment shall be sealed with an aluminum cover. The lens shall be one piece formed acrylic, sealed to the housing to prevent dust, insect or moisture contamination.

Hoods shall be spun of heavy gage aluminum with the underside painted white. The hood shall have four sleeves welded to the hood that slip the four way cage and lock in place with stainless steel set screws.

### REFRACTORS

Refractors shall be precision molded borosilicate glass, internally secured with two stainless steel tie rods and an aluminum reflector cap. Refractors shall be gasketed top and bottom to allow for expansion and contraction.

### ELECTRICAL

All ballasts are high power factor rated for -30°C starting. Medium base porcelain sockets are 4KV rated. Mogul base porcelain sockets are 5KV rated. The electrical assembly is prewired with quick disconnects for servicing.

### MOUNTING

Fixture can be post top or arm mounted.

**Post top mounting:** the fitter shall slip over a 4"/100mm O.D. pole and be secured with six stainless steel allen head set screws.

**Arm mounting:** A cast fitter shall be welded to the arm. The fitter shall be gasketed and bolted to the fixture head with two stainless steel hex head bolts.

### 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.

### EISA COMPLIANCE

AAL is committed to complying with U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

### 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. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.



## Perspect



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