

Tundra 7

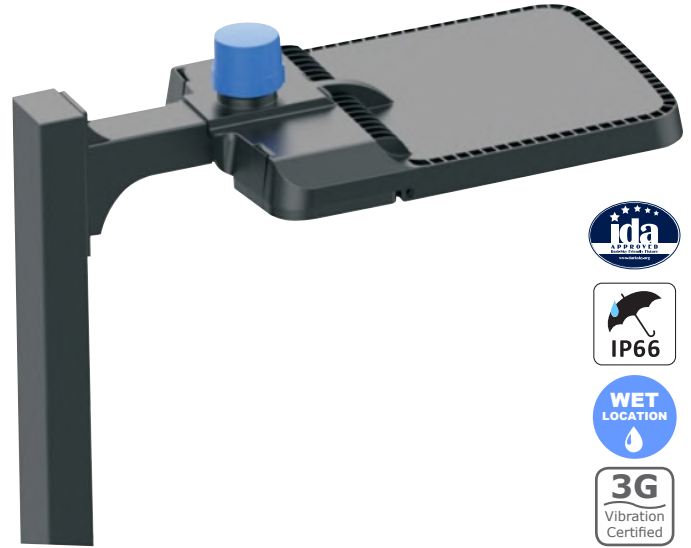
High Performance / Outdoor Area Lighting
Streamline Design / Tool-Free Maintenance
IDA Dark Sky Compliant / IP66 Rated

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- DRIVER** — Universal Voltage (120/277v) 50/60Hz Electronic Driver comes standard with 0-10V Dimmability. Optional 347/480V.
- HOUSING** — Precision high tolerance aluminum die cast. Shock-proof and corrosion-resistant design with air-convection cooling body for optimal heat dissipation.
- LENS** — Anti-UV Tempered Glass Lens.
- LIGHT ENGINES** — Energy Efficient Light Emitting Diode (LED) with rotatable optics and Internal Reflector Backlit Shield Design.
- LIGHT DISTRIBUTION** — Type II, Type III, Type IV, Type V.
- COLOR RENDERING INDEX** — >75CRI.
- FINISH** — Polyester Powder Coat Finish in Black, Bronze, and White.
- SENSOR** — Optional Photosensor, Photocontrol, and PIR Motion Sensor.
- OPERATING TEMPERATURE** — -40°C to +50°C (-40°F to 122°F).
- LIFETIME** — >180,000Hrs (L70).
- MOUNTING** — Slipfitter, Square Pole Arm Mount, Round Pole Arm Mount, Trunnion.
- COMPLIANCE** — Built to comply with U.S. and Canadian safety standards. IP66 / IK10 Rated. Meets IDA Dark Sky Standards. Suitable for 3G applications per ANSI C136.31.
- WARRANTY** — 5-year Limited Warranty. Optional 8-year and 10-year warranties are available.



ORDERING GUIDE:	Series	Size	Mounting	LED Wattage	Distribution	CCT	Voltage	Finish	Options

SERIES

TD7 = Tundra 7 Series

SIZE

S = Small
L = Large

MOUNTING

SLIP = Slip Fitter Mount
SPAM = Square Pole Arm Mount
RPAM = Round Pole Arm Mount
TRUN = Trunnion Mount

LED WATTAGE/LUMENS (Nominal)

Note 1: See Table Below for Size / Wattage Compatibility

Note 2: Lumens based on 145lm/W

LED75 = 75 Watt — 10,875 Lumens (±5%)
 LED100 = 100 Watt — 14,500 Lumens (±5%)
 LED120 = 120 Watt — 17,400 Lumens (±5%)
 LED145 = 145 Watt — 21,025 Lumens (±5%)
 LED200 = 200 Watt — 29,000 Lumens (±5%)
 LED230 = 230 Watt — 33,350 Lumens (±5%)
 LED300 = 300 Watt — 43,500 Lumens (±5%)

DISTRIBUTION TYPE

II = Type II
 III = Type III Medium
 IV = Type IV
 V = Type V

LED COLOR TEMPERATURE (CCT)

3K = ±3000K range
 4K = ±4000K range
 5K = ±5000K range

DRIVER VOLTAGE

347 = 347 Volt
 480 = 480 Volt
 UNV = Universal Voltage (120 thru 277v)

FINISH

BK = Black Finish
 BZ = Bronze Finish
 WH = Textured White Finish

HOUSING/MOUNTING OPTIONS

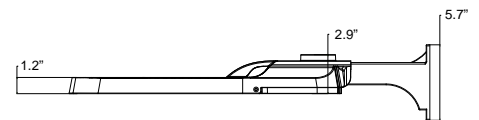
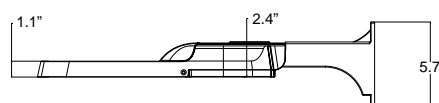
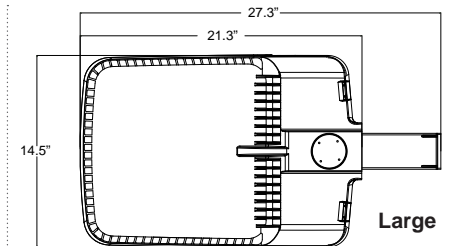
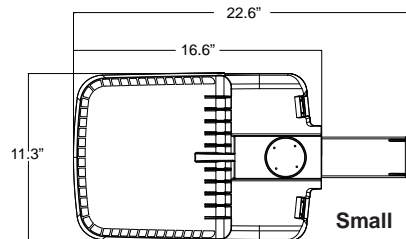
HSS = House Side Shield
 P1 = Single Pole Tenon Spoke Bracket
 P2 = Twin Pole Tenon Spoke Bracket, 90° Arms
 P3 = Twin Pole Tenon Spoke Bracket, 180° Arms
 P4 = Triple Pole Tenon Spoke Bracket, 120° Arms
 P5 = Triple Pole Tenon Spoke Bracket, 90° Arms
 P6 = Quad Pole Tenon Spoke Bracket, 90° Arms

SENSOR OPTIONS

PS3 = Photosensor (3-Pin)
 PC5 = Photocontrol Socket (5-Pin)
 PC7 = Photocontrol Socket (7-Pin)
 PIR = PIR Motion Sensor
 — Maximum Mounting Height: <40ft
 — Dim Levels: 50% / 25% / 10% / 0%

DIMENSIONS

SMALL	LARGE
75 Watt	200 Watt
100 Watt	230 Watt
120 Watt	300 Watt
145 Watt	



BENEFITS

- **Patented Self-Cleaning Smooth Body** with air convection cooling function provides efficient heat dissipation and ensures a longer lifespan.
- **Easy Single Person Installation** saves 60% on labor costs.
- **Tool-Free Safety Switch** allows for easy installation and maintenance.
- **Rotatable Optics** allows users to adjust the light distribution in the field.
- **Back Light Control** is available which offers an impressive BUG Rating.
- **Zero Uplight** ensures IDA Dark Sky compliance.
- **Multiple Lighting Distributions** meet lighting requirements depending on application.
- **Optional Built-in Occupancy / Photo Sensor** are available for maximum energy efficiency and savings, while also complying with Title 24 Standards.
- **Versatile Mounting Options** are available to match any application or situation.

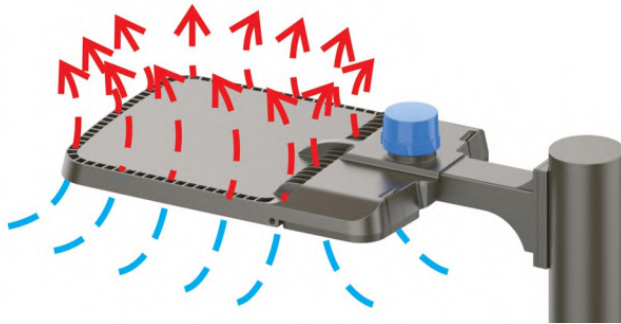
FEATURES

All-Around Ventilated Design / Optimal Heat Dissipation

All-around ventilated housing with natural air convection design. Air can convect and pass through the gaps, allowing the heat to dissipate rapidly and reducing the temperature by as much as 15°C. This allows the fixture to operate at its peak performance while prolonging its lifespan of up to 180,000 hours.

Patented Smooth Body / Self Cleaning Design

Sleek housing allows for self-cleaning of dust, leaves, and bird droppings which maintains the finish and appearance.



Tool-Free Maintenance

The special structural design allows a single person to manually assemble and disassemble the light fixture and its components. The user-friendly safety switch lock design is optimal for installers that require fewer tools and manpower which provides savings in labor and time spent for maintenance and installation.

MOUNTING OPTIONS

Slip Fitter (SLIP)



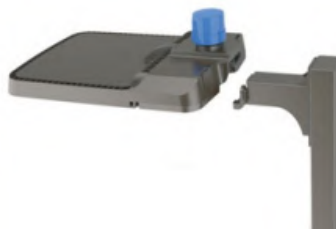
Square Pole Arm Mount (SPAM)



Round Pole Arm Mount (RPAM)



Trunnion Mount (TRUN)



Pole Mount
Option 1
(P1)



Pole Mount
Option 2
(P2)



Pole Mount
Option 3
(P3)



Pole Mount
Option 4
(P4)



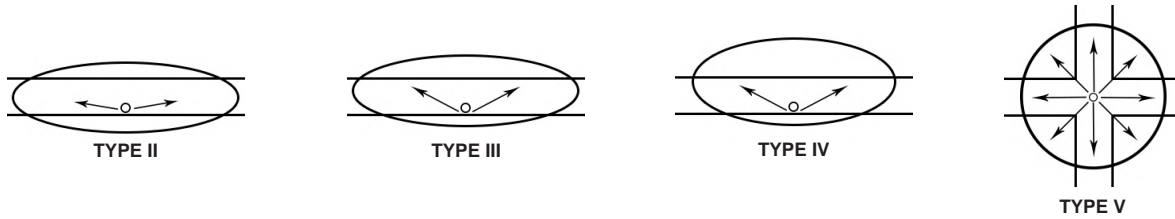
Pole Mount
Option 5
(P5)



Pole Mount
Option 6
(P6)

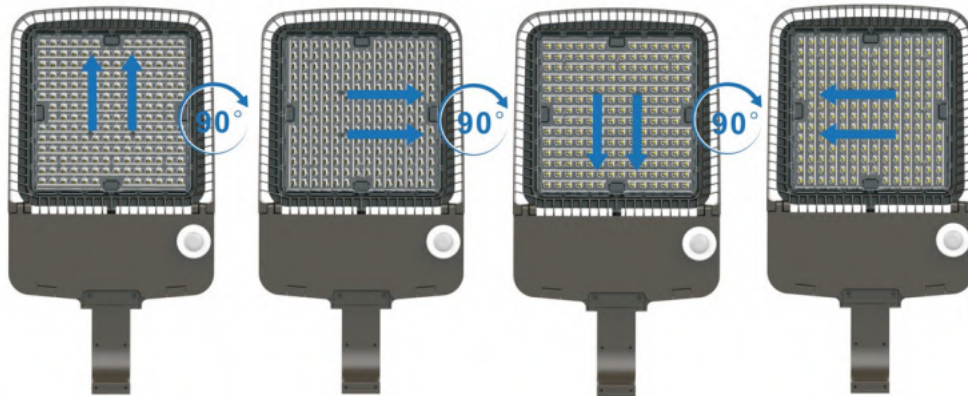
Internal Reflectance Optic Technology

Internal Reflectance Optic Technology provides superior optical control to deliver exceptional light level uniformity and reduces light trespass. In addition, it simplifies layouts and installations, reduces pole counts, energy consumption, lowers installation costs and improves visual acuity. The full cutoff design ensures Dark Sky compliance with no uplight. Four light distribution types are offered to best match the lighting requirements of the application.



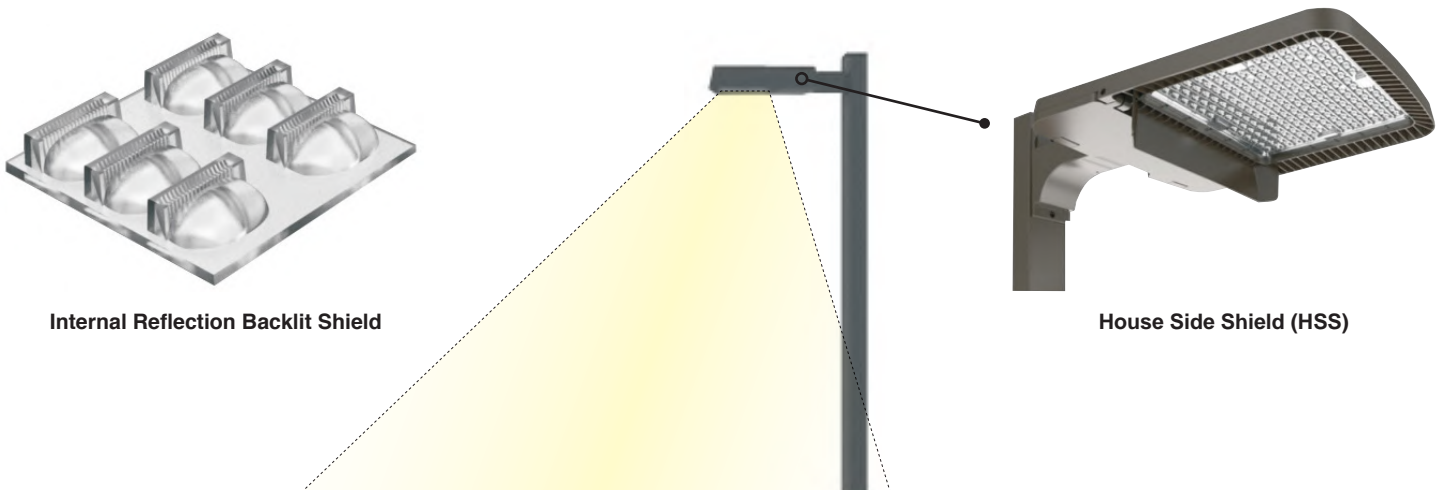
Rotatable Optics

Field rotation of the optics is possible which allows one to implement changes to the direction of light. Simply rotate the lens to achieve different light distributions in different directions.



Internal Reflection Backlit Shield Design

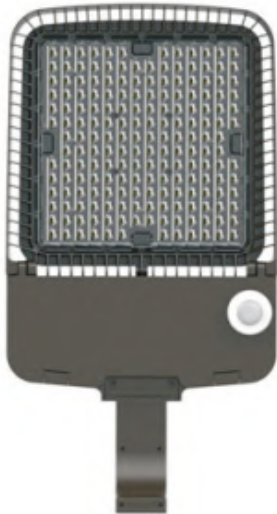
A unique internal reflection backlight shield design and optional house-side shield (HSS) can help reduce the light spill behind the pole and increase forward throw. Up to 85% light reduction behind the pole can be achieved while also producing an impressive Backlight-Uplight-Glare (BUG) rating.



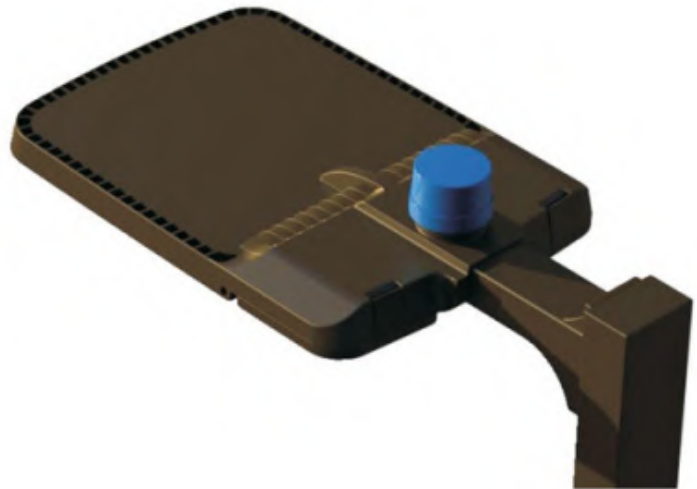
SENSOR OPTIONS

Optional Occupancy / Photocell Sensor for Maximum Energy Savings

Incorporating PIR motion sensors can help meet stringent building codes such as CA Title 24 (requirements for bi-level dimming of lighting fixtures), ANSHERE, etc. The sensor is capable of dimming lighting loads down to 0%, 10%, 25%, or 50%, which can provide energy savings of up to 50% and maximize ROI. It supports fixture and ceiling mounts up to 40ft high.



PIR Motion Sensor (PMS)



Photosensor

Sensor and IOT Controller Ready for Smart Cities

Twist-lock receptacles are available for external controls provided by others. This optional feature means you can install your luminaires today and mount sensors at a later date for your convenience.

