The NEW Avanza LED!
Scan QR code for the latest details and specifications.

Sophisticated.
Brilliant.
Reliable.
Efficient LED street lighting can be so simple with the Avanza. Its flexibility and efficient design make Avanza the perfect choice for any application. With two luminaire sizes and several reflector systems, this product family provides solutions for a wide range of lighting applications including streets, parking areas, pedestrian walkways, and other traffic areas.

The high powered LEDs combined with innovative freeform reflectors and sophisticated thermal management are the foundation of the Avanza’s superior performance.

The Avanza incorporates a single-piece design and exploits the full possibilities of LED technology. Both the Avanza 450 for pathways and suburban roads, and the Avanza 600 for higher traffic areas, deliver harmonious brightness transitions, variable lighting power and many additional accessories.

With the Avanza, Selux remains a market leader and is proud to have won the Architectural SSL Product Innovation Award. Selux stands behind the quality of the Avanza product line and offers a 5 year limited warranty on all LED products. Please contact us directly or visit us online to learn more about how we can support the freedom and interpretation of your designs.
With two luminaire sizes, this product family provides solutions for a wide range of lighting tasks. The die-cast, low copper aluminum construction incorporates a single-piece design and expands the possibilities of LED technology. This distinctive design lends a stylish touch to streets, parking lots, and walkways.

The Avanza provides light which exceeds the industry standards by utilizing maximum pole distances and heights that range from 12 ft to 24 ft. It can be mounted in single short or long arm, double short or long arm, a single pole adapter or short arm wall mount. Avanza is the perfect choice for LED street lighting.

The Avanza luminaire can be switched and dimmed via different interfaces (0-10V). Light can be controlled according to requirements in a way that would not be possible with conventional luminaire technology.

Sophisticated Avanza 450 and 600

With two luminaire sizes, this product family provides solutions for a wide range of lighting tasks. The die-cast, low copper aluminum construction incorporates a single-piece design and expands the possibilities of LED technology. This distinctive design lends a stylish touch to streets, parking lots, and walkways.

The Avanza provides light which exceeds the industry standards by utilizing maximum pole distances and heights that range from 12 ft to 24 ft. It can be mounted in single short or long arm, double short or long arm, a single pole adapter or short arm wall mount. Avanza is the perfect choice for LED street lighting.

The Avanza luminaire can be switched and dimmed via different interfaces (0-10V). Light can be controlled according to requirements in a way that would not be possible with conventional luminaire technology.
Brilliant Cross Beam Technology (CBT)

Selux quality ensures that the luminaires provide good visibility and visual comfort. Avanza 400 is available up to 56W and Avanza 600 up to 107W. Both include a 3000K and 4000K color temperature. The LED module and electronic driver are designed for >60,000 operating hours at 40°C (104°F) ambient temperatures until L70. The Selux Cross Beam Technology (CBT) injection molded and vacuum metalized reflectors create IES distribution Types III wide, Type III narrow and Type V with IDA approved “Dark Sky Friendly” performance.

Avanza uses Cross Beam Technology (CBT) to ensure uniform lighting by presetting the LEDs in the direction of their targeted application. A standard comfort feature is added to reduce light densities and increases visual comfort.

The basis for the superior performance of the Avanzas are the efficient high-power LEDs manufactured by a renowned brand and combined with innovative free form reflectors, coated with the purest aluminum, and joined with sophisticated thermal management. The primary diffuse comfort feature is standard with our product. This feature reduces light densities and increases visual comfort.
An LED cluster aligned in the direction of the main light is integrated into each reflector. The comfort feature is attached directly onto the LED cluster - luminous areas are widened, light densities are reduced, and visual comfort is increased.
Light Distribution

R3N Optics / 1050 mA / 4000K CCT
Catalog # AV6-51-0°-L105-R3N-40-120
Report # LM-65-1995

- Ideal for applications requiring a forward throw distribution.
- Maximum candela of 6302 at 57.5° from vertical.
- IES classification = Type III Narrow
- 7695 Delivered Lumens with 72 lm/W
- IDA-Approved™ Dark Sky Friendly

Vertical Plane through Max Candela

Longitude Distance in Units of Mounting Height
The Avanza is distinguished by the highest-quality materials and utmost practicality. The long lifetime and housing’s dirt-resistant shape keep maintenance costs to a minimum. The Avanza is completely sealed (IP66) and NRTL listed for wet locations. The Sekus standard is Tiger Drylac certified polyester powder coat finish for superior wear resistance.

For future upgrades, Avanza has a tool-less latch for easy maintenance. The metal core LED boards are mounted directly to the housing and connected with the reflectors to form a simple to handle module.
Future Oriented
Warranty - Eco Friendly

High-quality materials and components plus a harmonious design make the Avanza a future-proof investment. The energy-efficient LED-based luminaire is IDA-Approved Dark Sky Friendly. This is why we are able to offer a five-year warranty on these luminaires. Avanza provides low energy costs and consumes minimal energy reducing carbon emissions, making it a convincing overall package.

Selux is expanding its potential with the availability of off-grid applications. Avanza Solar is an energy-efficient LED luminaire, powered by 110-280W of photovoltaic power stored and supplied by either single or double solar specific AGM gel batteries. Selux solar powered luminaire systems come with standard Tiger Drylac certified polyester powder coat finish for superior wear resistance.