

DuraGrip® Protection System



Unmatched Durability Stands Up to Harsh Environments

Designed and engineered for durability and protection, LSI's oven baked DuraGrip Protection System finish withstands extreme weather changes without cracking or peeling. All LSI luminaire housings, brackets, poles, and pole accessories are powder coated with LSI's DuraGrip® polyester powder coat finishing process in the United States of America at our Ohio facility.

LSI's DuraGrip Protection system is electrostatically applied after one of two thorough cleaning methods to remove dirt and scale.

- Luminaires receive a five-stage process that includes a neutral wash in a heated alkaline cleaning solution just before an application of a zirconium treatment to improve powder-coat adhesion and protect from future corrosion. The luminaire is oven dried before the electrostatic application of a polyester powder paint. Finally, the luminaire is oven baked to ensure a homogenous, non-porous surface.
- Poles receive a six-stage process that includes shot peening the surface to remove dirt/scale and to strengthen the surface by inducing compressive residual stress to prevent cracking and extend the life. A neutral wash in a heated alkaline cleaning solution just before an application of a zirconium treatment to improve powder-coat adhesion and protect from future corrosion. The pole is oven dried before the electrostatic application of a polyester powder paint. Finally, the whole pole is oven baked to ensure a homogenous, non-porous surface.

When the top-of-the line DuraGrip® Plus Protection System is selected, in addition to the DuraGrip® Protection System, a non-porous, automotive grade corrosion coating is applied to the lower portion of the pole interior, sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years.

Standard LSI Colors

All standard colors have a low gloss texture finish.



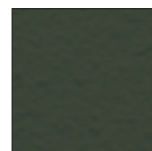
Black



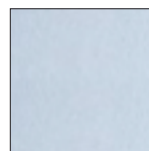
White



Bronze



Graphite



Metallic
Silver



Platinum
Plus



Satin Verde
Green

Custom color matching available. Contact LSI for a quote.

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