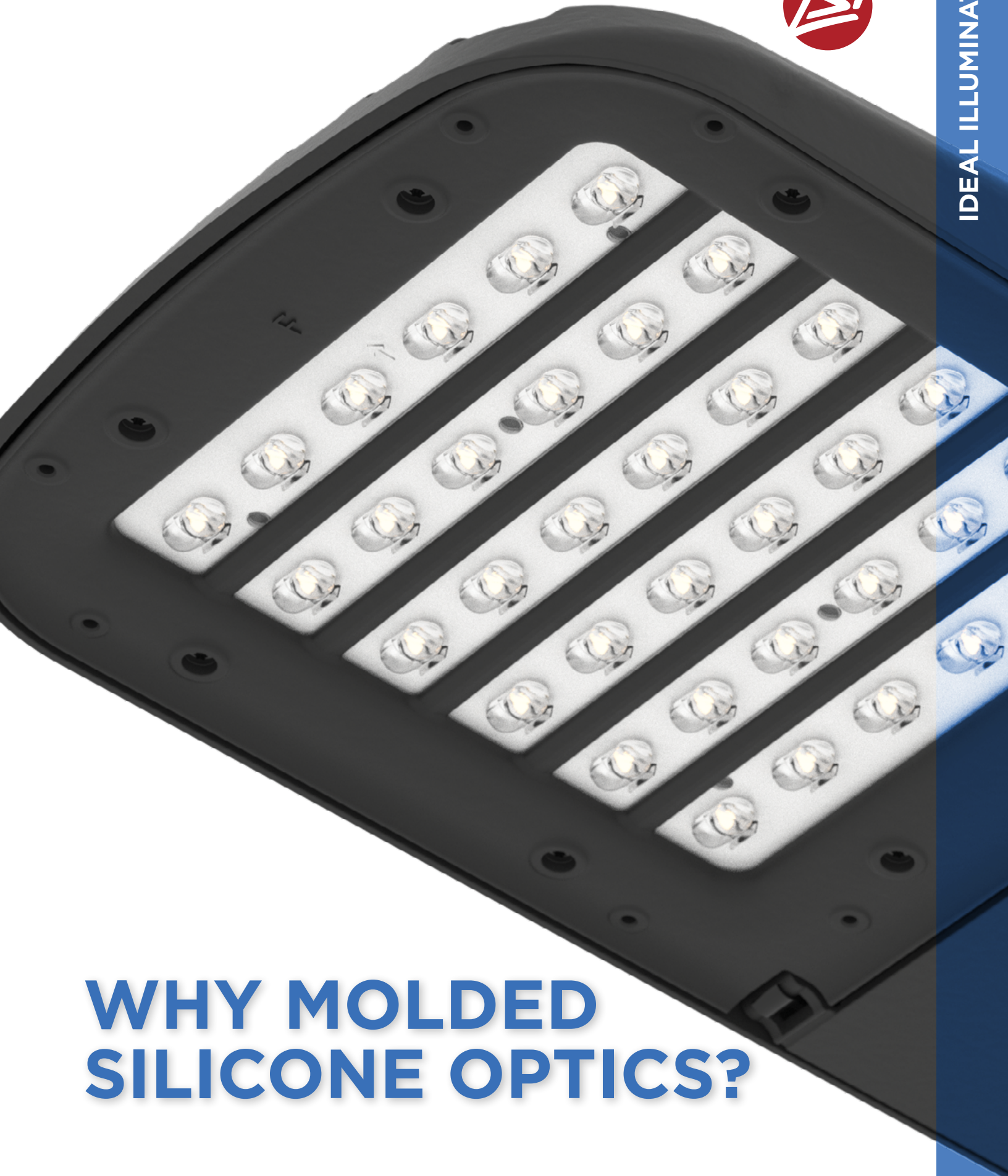


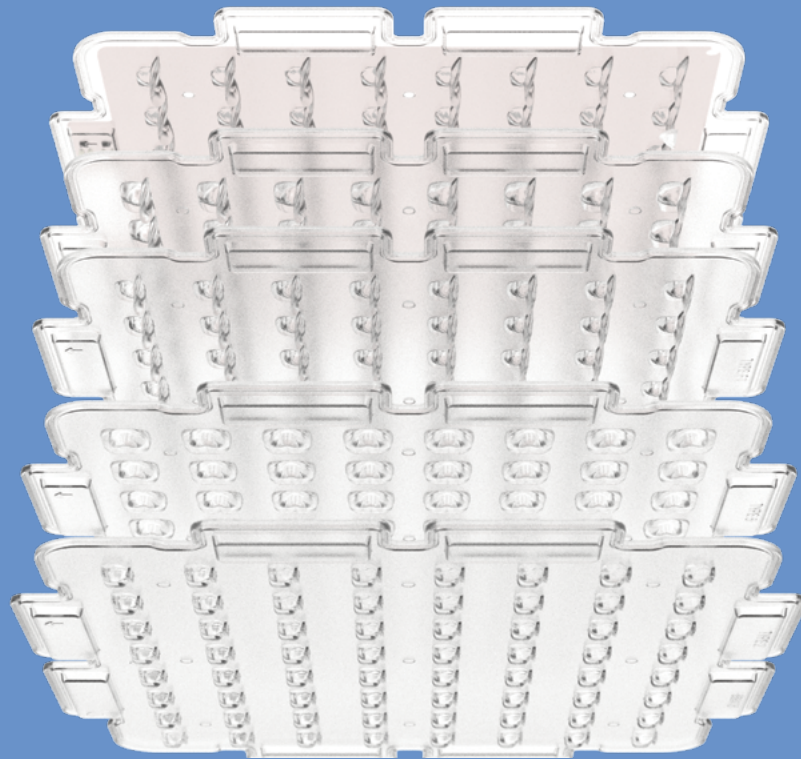


IDEAL ILLUMINATION



WHY MOLDED SILICONE OPTICS?

SILICONE OPTICS



LSI MOLDED SILICONE OPTIC BENEFITS INCLUDE:

- High photo-thermal stability operating temps
- High light transmittance of 93%
- Does not yellow or crack with age
- Does not leak
- Lighter weight (compared with glass)
- Accurately able to reproduce complex designs
- Allows integration of additional designs, such as gaskets
- Proven and warranted solution

FLEXIBLE DESIGN

LSI's silicone optics are single-molded, self-sealing LED lenses which increases fixture efficacy, performance and environmental durability.



Mirada Large (MRL)
ZONE Large (ZNL)



Mirada Medium (MRM)
ZONE Medium (ZNM)



Mirada Small (MRS)



Mirada Post Top
(MPP/MPH)



Mirada Wall Sconce
(XWS/XWM)



Slice Medium (SLM)
ZONE Slice (ZNX)



Constitution (XCN4)



Enterprise (ENM4)



Lexington (LXM4)



Lifestyle Medium (XDLM)

DURABILITY & EFFICIENCY

LSI's exposure testing demonstrates that silicone is resistant to environmental aging caused by temperature and UV light. Unlike other industry-standard materials such as polycarbonate and acrylic, silicone does not crack or yellow over time. Silicone is the most thermal-resistant and efficacious optical material on the market. This allows us to utilize LEDs at their full potential by extracting the most light to optimize fixture performance.

| FEATURES | SILICONE | ACRYLIC | POLYCARB |
|--------------------------|----------|---------|------------|
| High Max Operating Temp | 150° C | 80°C | 90°C |
| High Light Transmittance | -93% | -92% | -90% |
| UV Resistance (Yellows) | Superior | Good | Acceptable |
| Moisture Resistance | Good | Good | Good |

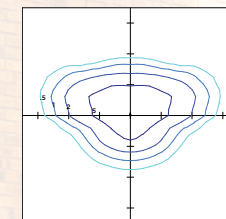
SUPERIORITY

LSI manufactures the commercial lighting industry's largest continuous optical silicone lensing. Fewer parts means fewer points-of-failure and increased reliability. Other manufacturers use a high number of discrete lens components and seals which exposes fixtures to leaks and environmental contaminants such as moisture, dust, ice, and temperature change.

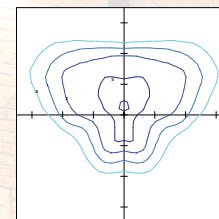
| FEATURES | BENEFITS |
|-----------------------------------|---|
| High photo-thermal stability | Higher maximum operating temp levels |
| High light transmittance | Maximum light delivered to tasks |
| Accurate reproduction | Consistent high quality and reliability |
| Integration of additional designs | Fewer components required |
| Proven by LED chip makers | Confidence in use of material for application |
| Single piece optics | Increases leak resistance |

DISTRIBUTION

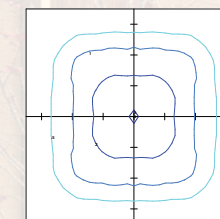
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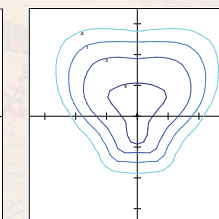
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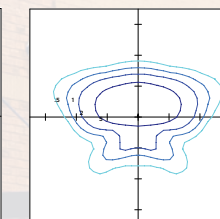
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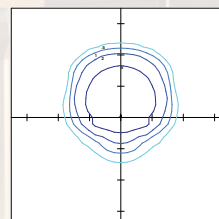
TYPE FORWARD THROW



TYPE FORWARD THROW AUTOMOTIVE



TYPE AM AUTOMOTIVE MERCHANDISE



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