

NLS
LIGHTING

AUTOMOTIVE DEALERSHIP LIGHTING



SILICONE MICRO OPTICS ADVANTAGE

SAVE THOUSANDS IN CONSTRUCTION COSTS

REDUCE

- Poles
- Fixtures
- Installation Costs

GAIN

- High uniform light levels
 - Front line and display area
- Shopper Friendly feature
- Recessed concealed Silicone Micro Optics reduce glare
 - Customers see sparkling real colors and purchase
 - No distracting glare from other fixtures



FULL CUTOFF OPTICS

DARK SKY + NEIGHBORHOOD FRIENDLY

SHOPPER FRIENDLY OPTICAL SYSTEM

NLS' optics are recessed into the light engine cavity. When optics are located at or below the bottom plane of a luminaire housing, they emit a very significant amount of distracting glare. Our fixtures are designed to have no background glare. Customers can comfortably walk the lot long enough to find the perfect car.



BEAUTIFUL ILLUMINATION

FEATURES + BENEFITS

- ✓ **Uniformity**
 - Over long distances
 - Minimal backlight
 - Perfect Front Row, Perimeter and Inventory illumination
- ✓ **Highest levels of vertical light distribution**
 - Vibrant colors that are true as day
- ✓ **Customizable optical solutions that are tailored specifically to your lot**
- ✓ **NLS offers a wide range of wired and wireless luminaire control systems**
- ✓ **Double to triple light levels against your current lighting solution**

REDUCE ENERGY BY 65% + DOUBLE TO TRIPLE THE LIGHT LEVELS

Our goal on retrofit projects is to optimize the layout of your dealership to conserve energy, maximize light levels and help you sell more cars! NLS Lighting has designed and sold hundreds of car dealerships and understand what it takes to create that wow factor.



FORM & FUNCTION MEET RELIABILITY

RELIABILITY

- Best voltage variance resistant components
- L70: 173,000

AUTOMOTIVE OPTICAL SYSTEMS

SILICONE MICRO OPTICS

- Do not Yellow, Oxidize, Brittle or Crack
- IP67 Protective Light Engine Seal
- More heat resistant than PMMA Acrylic or Polycarbonate optics
- IK10 rated; vandal proof.

DARK SKY COMPLIANT

NLS Luminaires thrive next to residential complexes, commercial or private properties. Our full perimeter cut-off design keeps light levels exactly where they need to be

ENERGY SAVINGS

NLS Luminaires provide equivalent foot candles while using less wattage than competitors

UNIFORM LIGHT DISTRIBUTION

Optical system provides vertical and horizontal lumens creating an even light distribution

AMERICAN QUALITY

NLS fixtures are designed, tooled, manufactured and assembled in the United States, adhering to the strictest Made in the U.S.A. requirements. DLC and UL listed



AUTOMOTIVE APPLICATIONS

FRONT ROW HIGH ILLUMINATION SALES LOT



NV-2-ASA
168W - 409W

INVENTORY & STORAGE



NV-1-ASA
18W - 205W

FEATURES

- Die Cast Aluminum
- Optimum Thermal Management
- Emergency Battery options
- 0-10V Dimming Driver
- L70: 173,000
- Type Distributions: T2, T3, T4, T5, N2, N3
- Kelvin Temperatures: 3000, 4000, 5000
- Powder coated
- Control options

Architectural Sweep Arm (ASA)
includes Internal Quick Mount Bracket
for Universal Pole Mounting

LISTINGS

- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0
- DesignLights Consortium®
- DesignLights Consortium Premium®
- IP65 / IP67 Rated
- 3G Vibration Rated per ANSI C136.31-2010



SECURITY & SERVICE

NV-WALL PACK
19W - 100W



ACCENT FLOOD LIGHTING & WALL WASH

NVF-1
20W - 45W

NVF-2
50W - 80W



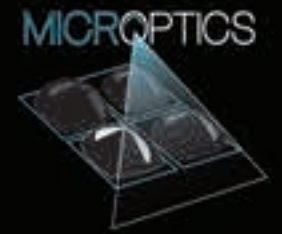
SERVICE DRIVE

VSS-S-CM
18W - 106W



PATHWAY SAFETY LIGHTING

NV-BOLLARD
20W - 45W



WHY SILICONE OPTICS?

THE LASTING LED LIGHTING SOLUTION
NLS Lighting Silicone Micro Optical System technology takes quality and performance to the highest level.

Vandal resistant, superior clarity—Micro Optics have become the best and lasting solution in the industry.

BENEFITS

- **SILICONE** optic withstands harshest weather and dirt conditions
- Exceptional thermal and UV resistance
- Produces superior 96% clarity
- Rated to 150° C (acrylic rated to 85° C)
- Ecologically friendly—no glare
- No yellowing, cracking, brittleness, fading, chalking
- Vandal-resistant
- House Side Shield (HSS) for Full Cutoff at dealers property line

	SILICONE	POLYCARBONATE	ACRYLIC
Initial			
6,000 Hrs. UV Aging (65° C)			
6,000 Hrs. Heat Aging (130° C)			



WHAT CUSTOMERS ARE SAYING

"This improves our customers' experience. There will be no glare from LED light fixtures both near and far, which can be a hazardous distraction" said General Manager Bradley Sperber. "This not only benefits our guests but our neighbors as well."

**Bradley Sperber, General Manager
MANHATTAN BEACH TOYOTA**

"I wanted to write to you to let you know how thrilled we are with our new LED lighting. With our energy savings exceeding 60% and our lot from dim to daylight, we could not be more satisfied."

**Raymond Hernandez, General Manager
CHAMPION DODGE, FIAT**

"At the time XYZ-Company was considered a "premier" LED manufacturer. I thought that their LED's were great until I used NLS on our larger facility. I can only say that when I contacted NLS we did everything by phone. Their ability to lay-out the project, recommend the type of fixture and do a photometric comparison between my existing lights and their's amazed me. [...] A lot of what they recommended saved us money on not only less fixture's but smaller ones. And, their photometrics were right on."

**Mel Grata, President
MEL GRATA, CHEVROLET, TOYOTA, SCION**



NLS LIGHTING

INTELLIGENT LIGHT + PERFORMANCE®

NLS Lighting, LLC
701 Kingshill Place, Carson, CA 90746
Tel. (310) 341.2037 | nslighting.com