

NLS
LIGHTING

Automotive Dealership Lighting

Driving Your Success



nslighting.com

DRIVING YOUR SUCCESS

Located in Southern California, NLS Lighting, LLC is a service-driven leader in the design and manufacture of high-quality architectural and commercial LED luminaires; all proudly made in the USA. NLS' state-of-the-art silicone optics are optimized for automotive dealerships, including perimeter display, interior display, and pad lighting. They are adaptable to a variety of pole spacings and mounting heights. By focusing on performance and efficiency, NLS Lighting's solutions deliver significant energy savings while making your vehicle inventory stand out. Backed by a team of qualified outdoor lighting professionals with decades of design expertise, NLS Lighting delivers Intelligent Light + Performance® trusted by hundreds of dealerships nationwide.



Focus On What's Important

- 1 - Front Row Area

Attract the attention of prospective customers
- 2 - Main Lot Interior

Create a safe, secure area with well merchandised vehicles
- 3 - Showroom Main Entrance

Invite customers into the showroom
- 4 - Service Area

Create a safe and productive space for your employees
- 5 - Inventory Lot

Safe and secure lighting that's energy efficient
- 6 - Lot Entry

Ensure your customers are safe from vehicle traffic



Optimized Performance for Dealerships

- Front Row Perimeter Display**
(T4A) Highest Light Levels along front line while throwing the highest light levels deep into the dealership and on second row of vehicles.
- Interior Display & Inventory Security**
(T5W) Provides highest horizontal and vertical light levels throughout the display and security lighting zones.
- Perimeter Inventory Security & Employee Parking**
(T4FTW) Eliminates the need for interior poles in the back of the dealership while providing IES recommended inventory light levels.
- Perimeter Wide Display**
(T2) Intended for wide pole spacings 60 foot and beyond when fixtures are mounted at 20 foot and under.
- Perimeter Display Pads**
(15°) Enables cars to be highlighted on raised display pods from up to 50 feet away using the same perimeter display poles.

Each NLS Dealership luminaire distribution features our silicone optic longevity system when it comes to maintaining initial light levels. Competitors Acrylic and Polycarbonate lenses yellow or chalk blocking light from the optic chamber creating excessive heat which results in accelerated and unpredictable light depreciation lowering light levels and shortening the usable life of the installation. Acrylic and Polycarbonate lenses are not warranted by most reputable outdoor lighting manufacturers for even one year. Dealership fixtures are typically high wattage and operate at higher temperatures where silicone optics are truly a benefit and a must for dealership owners.

THE LASTING LED LIGHTING SOLUTION

DOW CORNING LENS YELLOWING CHART			
	Silicone	Polycarbonate	Acrylic
Initial			
6,000 Hrs. UV Aging (65° C)			
6,000 Hrs. Heat Aging (130° C)			

Proper Vehicle Merchandising Without Compromise

The NV family allows you to save energy and money using fewer fixtures and poles while meeting the required footcandles. Should you need something more architectural, we have the iconic Organix Family. Style without sacrificing performance. Both families can enhance energy efficiency and safety while increasing product viewability to help sales.

Performance and Style:

Both the NV and the Organix families have multiple sizes to ensure the perfect fit and light level desired. The NV line has 3 sizes. The NV-3 can achieve an impressive 100,000 lumens.

Reliability:

A longevity light level solution based on silicone lenses which never yellow or chalk enabling the LED light source to operate cool with minimal depreciation compared to competition. The most reliable components in the industry.

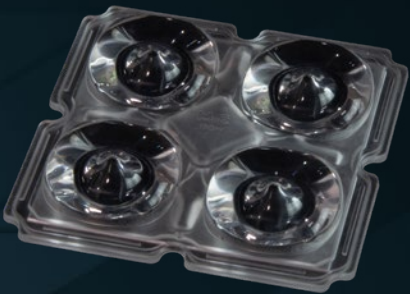
ORX-2-AM
18W - 200W

ORX-3-AM
88W - 452W

ORGANIX
Architectural Styling
Without Compromising Performance

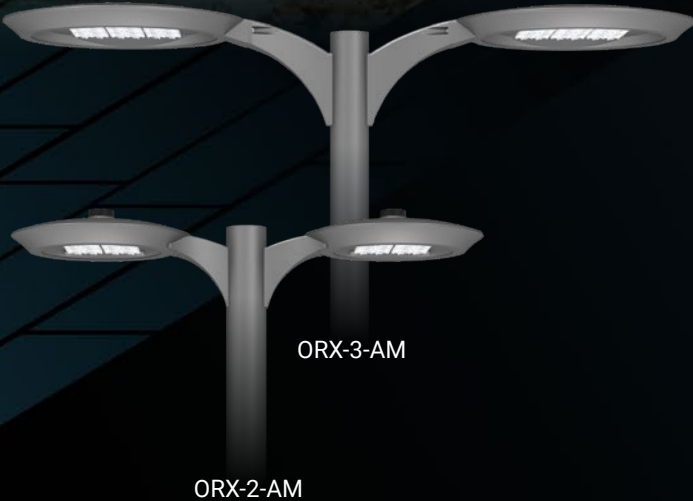
Superior Interior Lot Coverage

For large interior spaces where typical car lots have dips in footcandles, we use our new Type 5 wide optic at any size depending on your required light level. A longevity light level solution based on silicone lenses which are never yellow or chalk enables the LED light source to operate cool with minimal depreciation compared to competition.



10% to 20%+ Fewer Poles On A Typical New Installation

While lighting system costs for new construction vary by application and job site specifics, NLS Lightings' new optical systems deliver industry leading performance and reduce overall lighting costs by increasing the distance between the luminaires and their associated poles without compromising photometric performance, safety, security, and energy efficiency.



ORX-3-AM

ORX-2-AM



NV-3-ASA

NV-2-ASA

Showroom Entrance

The entrance to an automotive showroom serves as the crucial first impression, and lighting plays a pivotal role in setting the stage. The lighting design should create a welcoming and inviting atmosphere, drawing customers in and generating excitement about the vehicles on display. This can be achieved through the NLS Organix and NV floods, wall mounts, and the Organix bollard.



Service Area

Lighting in an automotive service area prioritizes safety, efficiency, and precision for technicians. High levels of uniform illumination are crucial to ensure mechanics can clearly see all parts of a vehicle, minimizing errors and preventing accidents. This can be achieved using our AVSL family of products. Six visually comfortable low profile lens options, numerous light level outputs, and multiple mounting configurations ensure well illuminated space with a long service life. Proper lighting allows technicians to accurately distinguish between different fluids and components, results in improved working conditions and faster turnaround times.



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.

NLS LIGHTING SPECIALIZES in saving you money

Glare guards and Agnostic Controls compatible with most control systems and sensors

- Direct light where it's needed
- Sustainable / long lasting construction
- Integral motion sensor lighting controls provide security and ensure lights are only on when needed



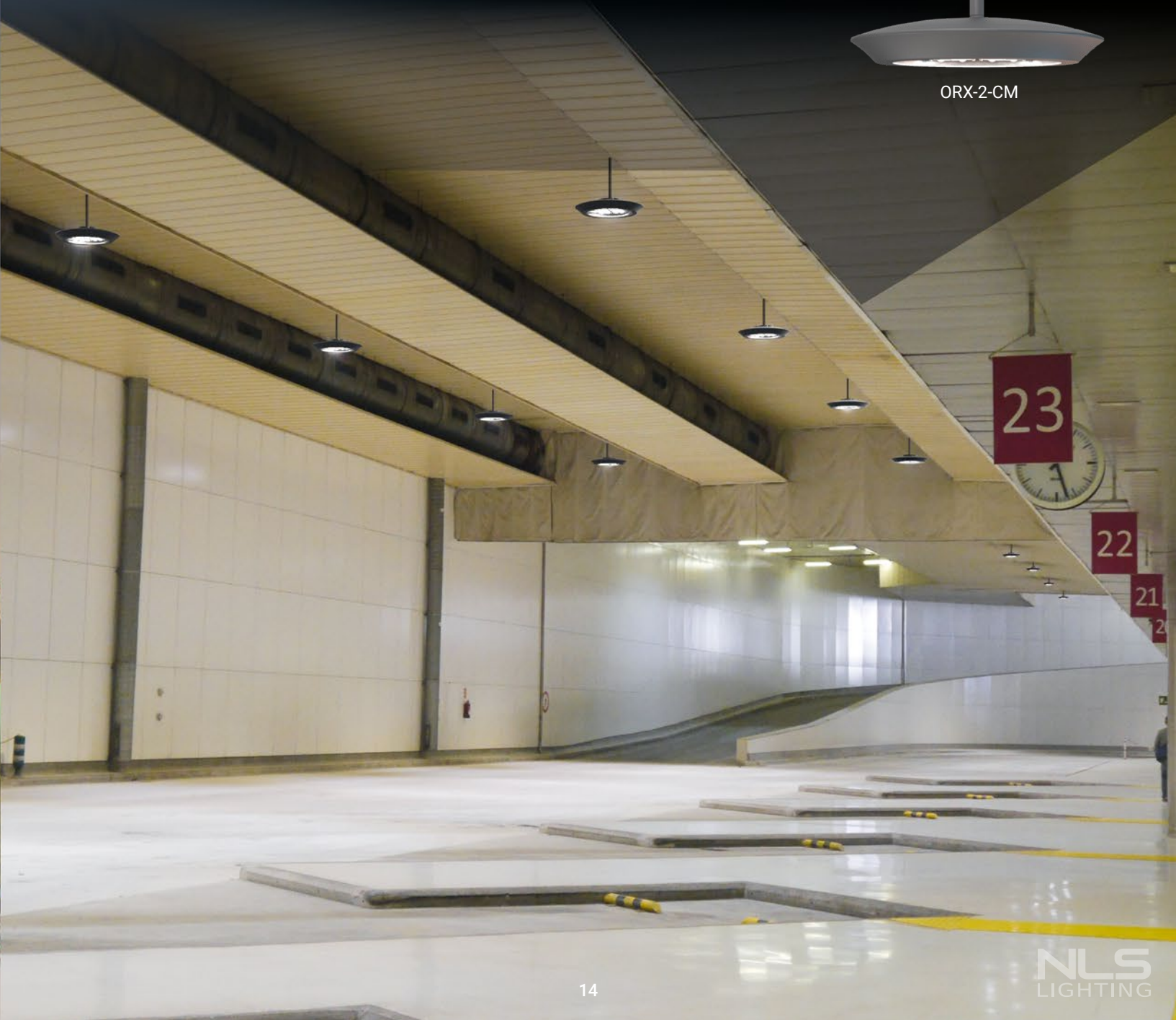
Keeping Inventory Safe

Light levels are recommended to be at least a 10 foot candle average according to the Illuminating Engineer Society to protect millions of dollars worth of inventory as well as the security of night time after hour security. NLS achieves this recommended light level with both our T4 Long and T5 Wide Automotive Distributions while minimizing the number of poles, luminaires, and energy.



Inventory Entrance

More dealerships are building with multiple stories of interior display. NLS has the perfect luminaire for this application. The Organix Pendant Mount is stylish, adding pizzazz to this space while at the same time utilizing silicone optics in a variety of light distributions.



FORM & FUNCTION MEET RELIABILITY

RELIABILITY

- IP67 Optical compartment seals out moisture, dust, and all other contaminants
- Silicone optics will not yellow, crack, or chalk like competitors polycarbonate, acrylic, or PMMA optics which cause premature high rates of exponential depreciation
- L70 LED Depreciation Rate of 173,000 Hours combined with silicone optics ensure a lifetime of bright light levels

DISTRIBUTIONS

Front Row Perimeter Display (T4A), Interior Display & Inventory Security (T5W), Perimeter Inventory Security & Employee Parking (T4FTW), Perimeter Wide Display (T2), Perimeter Display Pads (15°)

DARK SKY COMPLIANT

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

MATERIAL & INSTALLATION SAVINGS

Use 10-20% fewer Poles and Fixtures without sacrificing light levels or uniformity

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 and assembled in the United States, adhering to the strictest Made in the U.S.A. requirements. DLC and UL listed

POLES

NLS Lighting manufactures our own poles which ensures an exact color match and our attention to detail. We also offers banner arms to increase the promotion of your dealership.



DEALERSHIP APPLICATIONS

FRONT ROW HIGH ILLUMINATION SALES LOT



NV-3-ASA
420W - 790W

NV-2-ASA
168W - 467W

ORX-3-AM
88W - 452W

INVENTORY & STORAGE



NV-1-ASA
71W - 205W

ORX-2-AM
18W - 200W

SECURITY & SERVICE



ORX-2 W
18W - 200W

NV-WALL PACK
21W - 100W

NV-WALL PACK 2
99W - 205W

AVSL-2F
20W - 61W

AVSL-4F
32W - 89W

ACCENT FLOOD LIGHTING & WALL WASH



NV-F1
20W - 45W

NV-F2
50W - 80W

ORX-F1
22W - 55W

ORX-F2
60W - 198W

SERVICE SERVICE ENTRANCE & WALKWAYS



ORX-1-CM
22W - 43W

ORX-2-CM
18W - 106W

PATHWAY SAFETY LIGHTING



Radian-BOLLARD
21W - 35W

ORX-B
18W - 55W



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