

# Lighting Automotive Dealerships

Illuminated Solutions for yards, showrooms & workshops.



**A WELL LIT  
PASSION**

# Automotive Dealership Lighting Strategy

The development of LED technologies in lighting and the use within the Automotive Industry is now a very real proposition. Due to the high illumination levels required for both the display yards and showrooms, energy savings can relate to very short payback periods for the LED capital expenditure. LED also brings huge maintenance savings, and can offer the dealer principle, great flexibility to customize a lighting system to suit your changing needs. Some technical parameters to look for when selecting your LED lighting solution are;

- Colour Rendition Properties of the LED Luminaire
- Colour Temperature and its stability over the life of the LED Luminaire
- Thermal management of the LED Luminaire
- Glare control and dimming capabilities of the LED Luminaire
- Warranty
- Previous project supply

## **DISPLAY YARD:**

The front line display should be illuminated with a good colour rendering light source that provides a uniform light distribution across the frontline vehicles. This eliminates shadows and displays the vehicles as they were in a showroom. We use the CREE Edge HO with specific "Front Line" Optics to provide illumination for the front row of the display yard. The Edge HO 240LED fitting consumes approx. 850 watts and replaces 2 x 1000w Metal Halide flood lights. This provides an energy saving of over 60% whilst minimizing maintenance to further reduce costs. Talk to your Monduluce Lighting Specialist for information on suitable pole heights and spacing's for your dealership.

## **SHOWROOM:**

Typically a new car showroom will be illuminated with recessed 150w Metal Halide down lights. We can offer a unique range of LED luminaires ranging from recessed down lights, track spots, suspended pendants and high output LED panels. The key to good showroom lighting is to focus on using high CRI fixtures with good colour stability over life. The achievable energy savings over old technology light sources can be up to 70%.

Whether it is a uniformly illuminated showroom for full display flexibility, or a mixture of lighting intensities to delineate and highlight certain spaces within the showroom, we work with your design team to provide application assistance to achieve best outcomes.



**CREE EDGE HIGH OUTPUT**



**IGUZZINI REFLEX EASY**



**CREE CXB HIGHBAY**

### **CANOPIES AND EAVES:**

The use of clean line recessed LED luminaires provide good uniform light levels along eave lines and in drive through canopies. We have a variety of LED fittings with specific optical distributions to maximize light efficiency within these areas. The Drive Through Canopies can be illuminated to relatively high levels of light, whilst eave lighting is generally a soft level as not to reduce visibility into showrooms etc.

### **WORKSHOPS:**

The New CXB-P LED High Bay used with prismatic lens, provide excellent light distribution and achieve good uniformity due to the up light component of the prismatic reflector. This high mount suspended lighting is used in conjunction with task lighting mounted on the walls of each service bay. We can maximize energy efficiency within the workshop by enabling a daylight harvesting control to dim the lighting when natural light levels are entering the space via skylights and open doors.




### **OFFICES & AMENITIES:**

Using an "Organic Response" enabled LED troffer fitting, we can illuminate offices and large meeting rooms with an energy efficient recessed lighting system that has in-built lighting control management to maximize energy and maintenance savings. This can also be achieved with recessed down lights used in toilets and bathroom areas.

### **EXTERNAL SECURITY:**

Wall mounted LED light fittings with no upward light spill provide excellent security lighting without the glare that may affect CCTV visual performance is used along perimeter of building mounted at 3.5-4m height. We can also provide security lighting for display yards by incorporating a dimming signal on the front line display flood lights. These lights provide the high levels of illumination required during early hours of the evening, but then switch down to a reduced light level for yard security lighting.

### **ENVIRONMENTALLY FRIENDLY**

-  Use Less Energy
-  Control Light Pollution
-  Eliminate Hazardous Materials
-  Lower Greenhouse Emissions
-  Reduce, Reuse, Recycle
-  Less Landfill Waste



With the introduction of high quality LED lighting systems, Mondoluce can offer a very flexible installation that maximizes your return on investment. We give you the opportunity to control the LED lighting technology to best suit your individual lighting requirements. If you are in the process of designing or building a new vehicle display yard, or looking to upgrade to more efficient lighting technologies, please talk to us for application assistance that gives you the best design outcome for your needs.



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A FULL SPECTRUM OF LIGHTING  
SOLUTIONS FOR A DIVERSE  
RANGE OF APPLICATIONS

FEATURED PROJECT - CLARKSON NISSAN

CAR YARD



FEATURED PROJECT - CLARKSON NISSAN

SHOWROOM



FEATURED PROJECT - CLARKSON NISSAN

WORKSHOP

