

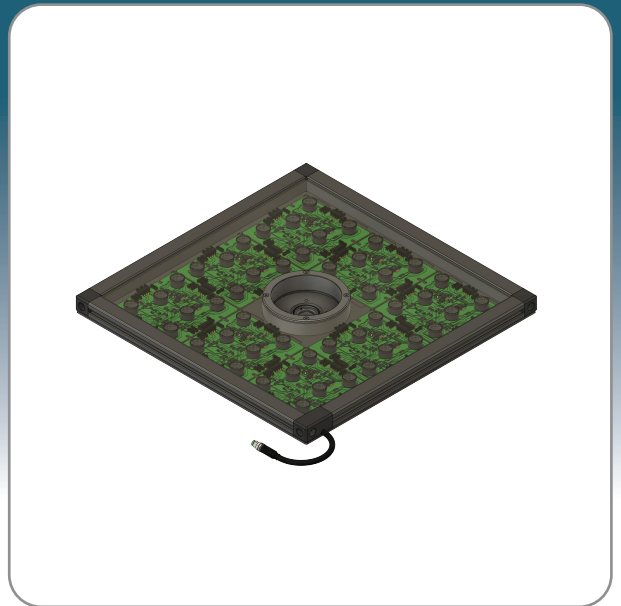
DM2 series FLAT DOME or DIRECT LIGHT illuminators for machine vision applications

The DM2 series illuminators are designed to be easily integrated into vision systems and to provide a low-cost, highly customizable dome or direct light solution.

Affordable : the use of state-of-the-art LEDs enables the generation of high intensity light with a limited number of electronic components. For the same amount of light emitted, the **DM2 series is much more economical than other lighting solutions.** The DM2 series has an integrated driver for constant current operation. An external driver is not required. The series operates in continuous operation mode or can operate with an ON-OFF trigger signal when using the on/off input mode. This LED illuminator series operates with an industry standard 24 V power supply.

High performance : Thanks to advanced LED technology, this series of illuminators provides powerful, high-quality illumination with reduced energy consumption. This results into significant reduced maintenance requirements. In addition the matrix of LEDs ensures high uniformity and stability over time.

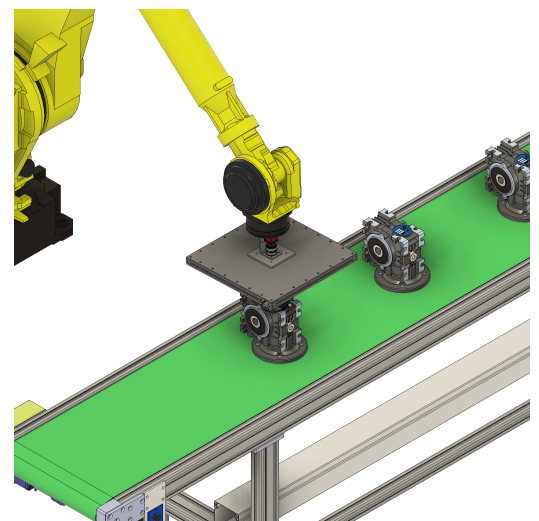
Versatile : Available in a wide range of LED colors and optical lens available. They can be used for machine vision, quality control and easily integrated with industrial vision machines, image sensors and optical inspection benches. Can be supplied with transparent or semi-transparent glass.



Features

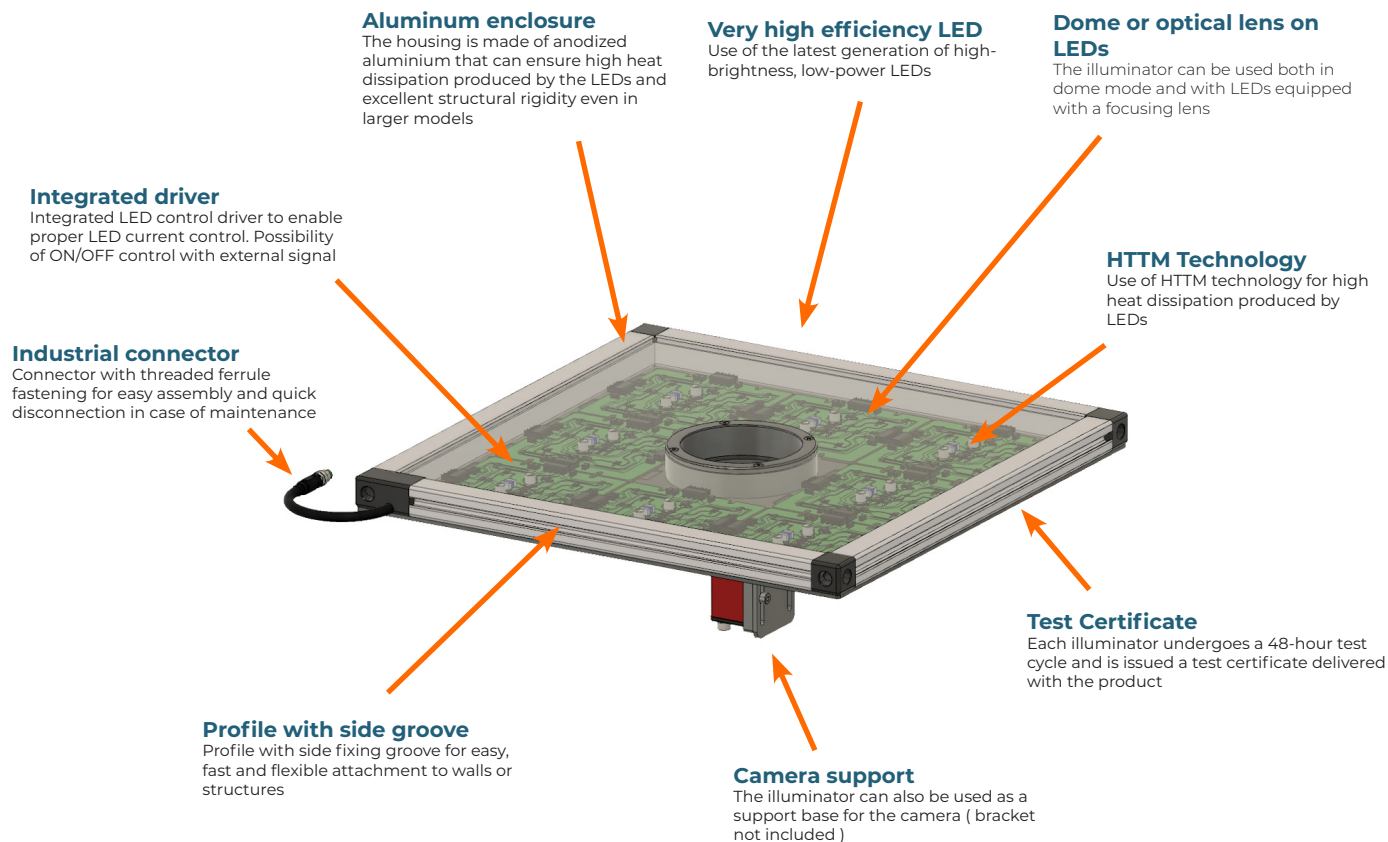
- HTTM technology for efficient disposal of heat produced by LEDs
- Integrated driver for LED current stabilization
- Possibility of remote ON/OFF control for controlled PWM operations
- Aluminum body with side mounting points and mounting brackets
- Low thickness and made with structural aluminium profiles
- Industrial connector connection and screw ring fastening
- High brightness and low current consumption
- 24 Vdc power supply

*Dome illuminators for
robot guide
applications !!!*



Why choose a DM2 series illuminator ?

Main features of the DM2 series

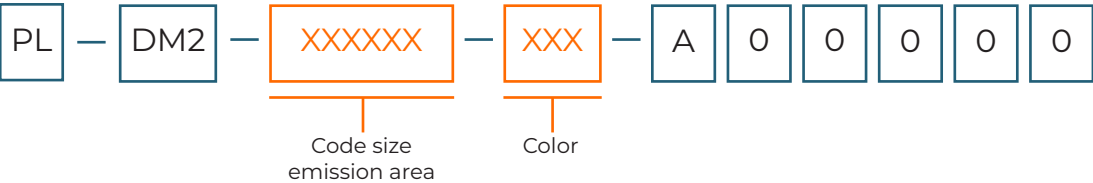


Main features common to the DM2 family

Features	Value
Supply voltage	24 Vdc +/- 5%
IP rating	IP40
Temperature range	0° - 50° C
Electrical connection	M 3-pin connector with threaded ring nut

Composition of the product identification code

The acronyms in orange color are to be filled in according to the desired configuration



Code size emission area

Highlighted models are from normal production - Other models are made to order and may have longer production times

Length emissione area - mm (order code)					
300 x 300 (300300)	500 x 500 (500500)				

Color

Other LED models on request

- WHI : Neutral White 5000K
- BLU : Standard Blue
- GRE : Green
- RED : Red
- INF : Infrared