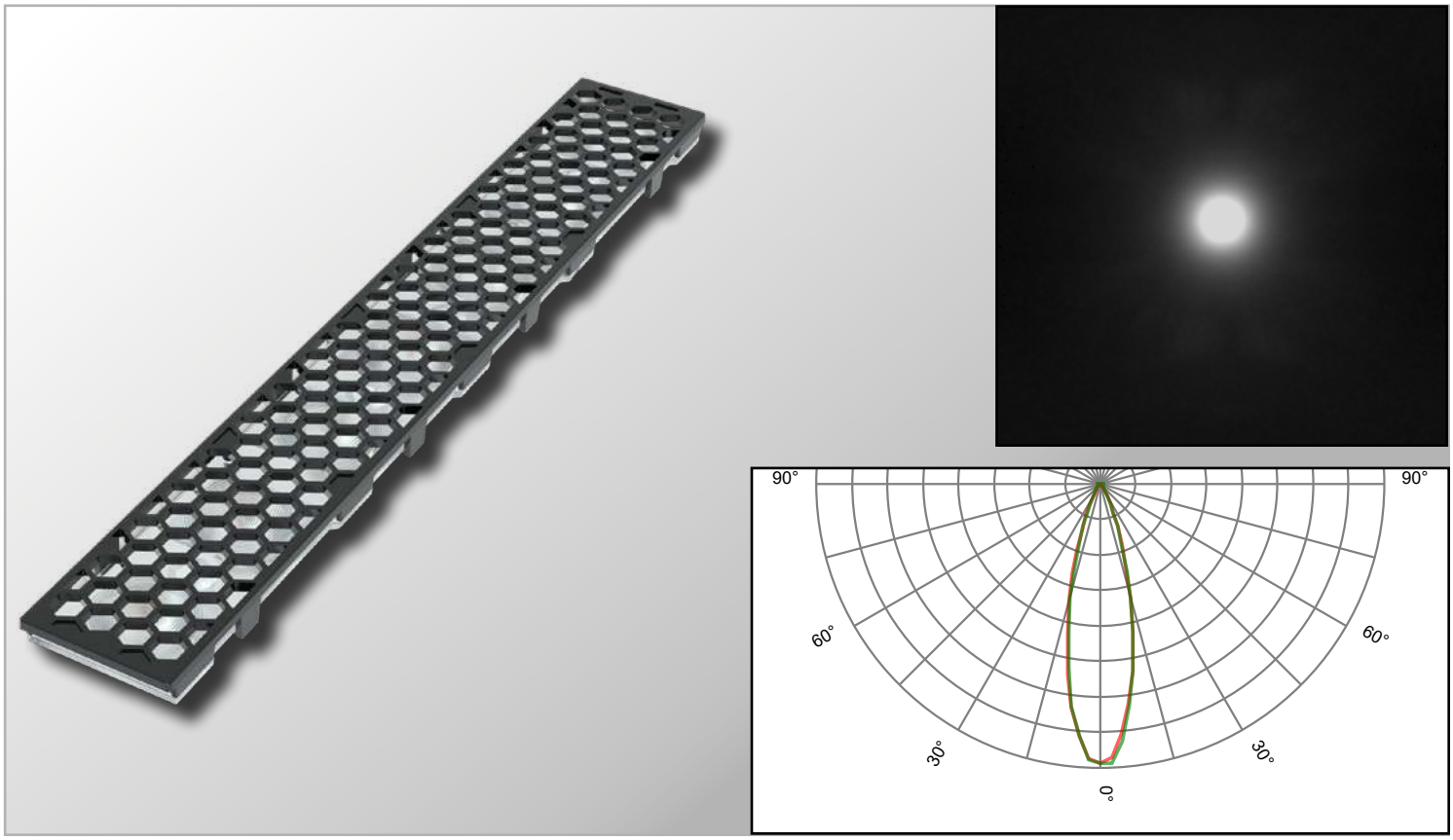
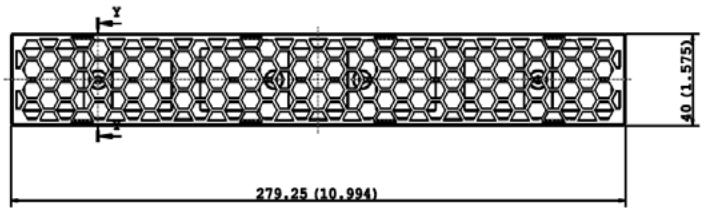
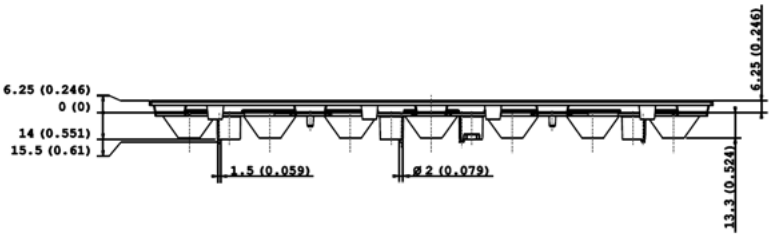
PEGASO/WI/SHD/LVR - Wide Beam - Louvre



Dimensions	Type of fixing	Material	Beams	LED
279.25mm x 40.00mm side - 20.25mm height	Screw Fixing: Assembly with 4 pcs of M3 screws	PC-ABS for Shade, PMMA for Lens	• Full angle at 50% from maximum: ~ 35° • Full angle at 10% from maximum: ~ 70°	Nr. 4 2835 Mid-Power LED below each optic - total LEDs: 28 LEDs

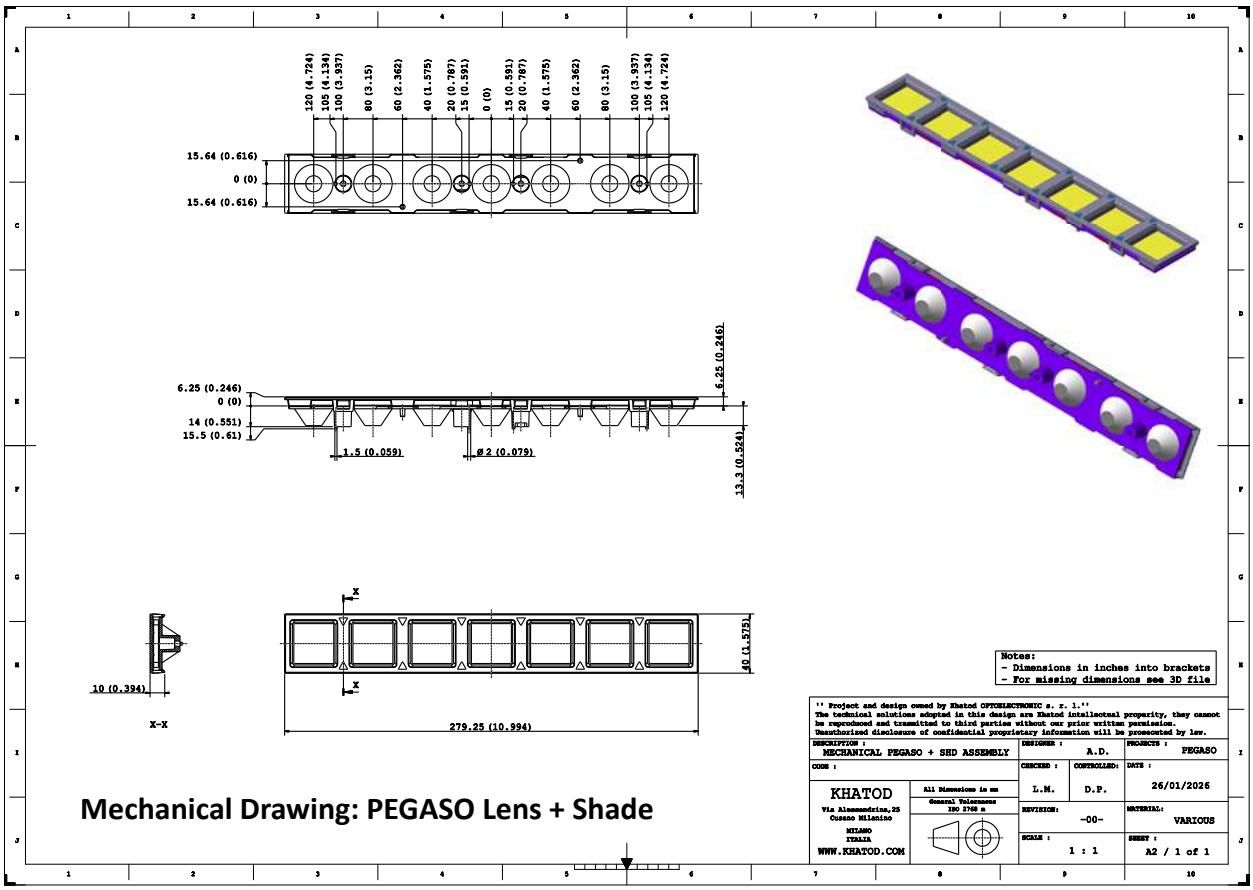




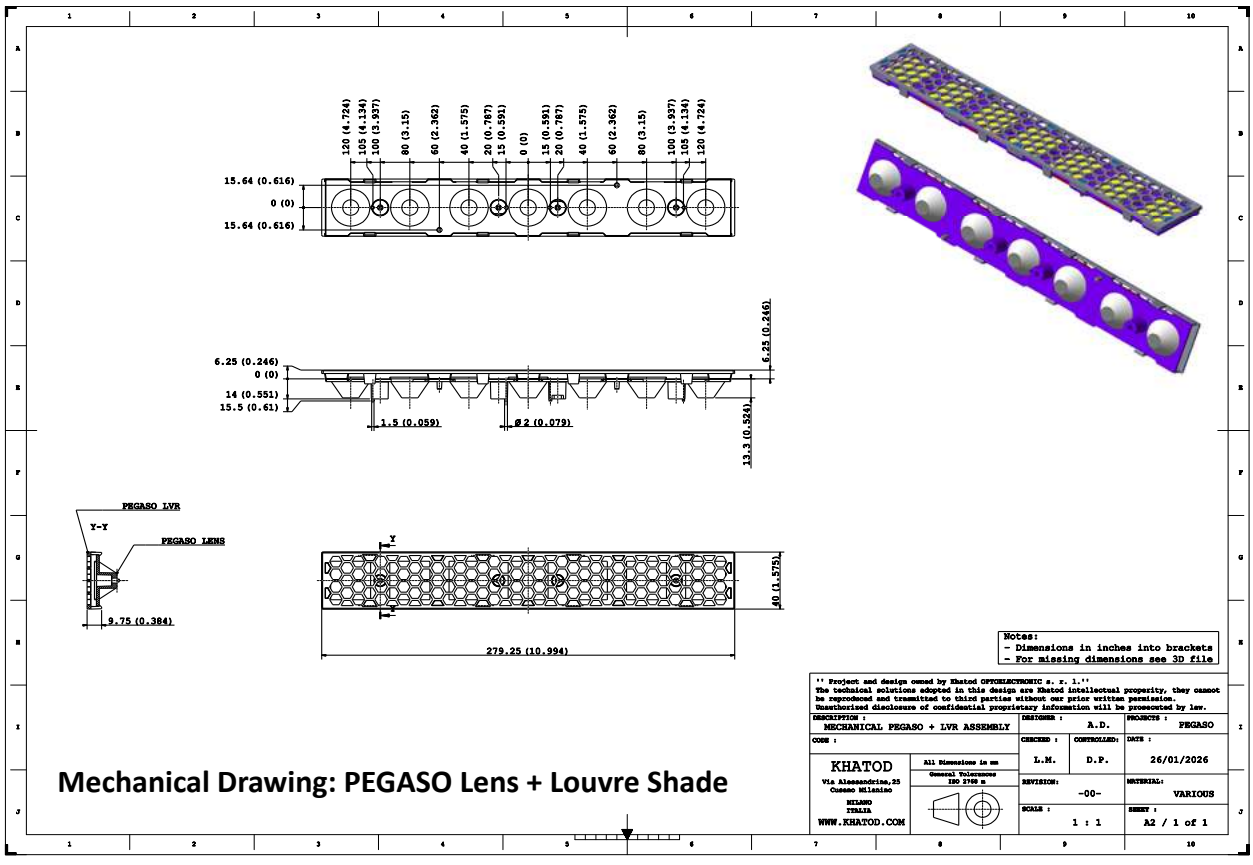
Each element forming the final assembly will be supplied as a single part.
PEGASO/WI/SHD/LVR is composed of the following parts: 1 pc of PEGASO/WI (Lens) + 1 pc of PEGASO/SHD/LVR (Shade) which will be supplied unassembled.

Technical Datasheet

Mechanical Drawing



Mechanical Drawing: PEGASO Lens + Shade



Mechanical Drawing: PEGASO Lens + Louvre Shade

Packaging

Item	Quantity	Total Parts	Size (L*W*H)
Plastic bag (Lenses)	20 pcs per plastic bag	20 pcs	-
Outer Box (Lenses)	25 pocket plastic bags per Outer Box	500 pcs	50*38*32 cm
Plastic bag (Shade)	25 pcs per plastic bag	25 pcs	-
Outer Box (Shade)	5 plastic bags per Outer Box	125 pcs	30*20*20 cm

20 Lenses / Pocket plastic bag
25 Shade / Pocket plastic bag

25 pocket plastic bags per Outer Box (Lenses)
5 pocket plastic bags per Outer Box (Shade)

Materials

Material	Temperatures
PMMA	**-40° / + 90°C**
• Temperature resistance: long-term exposure	-40° / + 85°C
• Temperature resistance: short exposure	up to + 90°C

Notes:

- The optical values shown are the result of optical simulations carried out with LIGHTOOLS, ASAP and ZEMAX software systems. The optical simulations are carried out on the basis of the typical values provided in the LED manufacturers' official datasheets. The photometric analysis has been carried out on physical samples.
  On request, by supplying your PCB, we can provide the measurement photometric file.

Use and Maintenance

- DO NOT HANDLE OR INSTALL LENSES WITHOUT WEARING GLOVES, SKIN OILS MAY DAMAGE LENS OR LIGHT TRANSMISSION;
- CLEAN LENSES WITH MILD SOAP AND WATER AND A SOFT CLOTH;
- DO NOT USE ANY COMMERCIAL CLEANING SOLVENTS ON LENSES.

Disclaimer

Please note that flow lines and weld lines on the external surfaces of the lenses are acceptable if the optical performance of the lens is within the specifications.
Should you require further information, please contact Khatod for advice. All lens testing must be subject to identical conditions as Khatod test condition. Khatod Optoelectronic, Milan, Italy, manufactures lenses for LEDs. Any other use of the lens shall void our liability and warranty. The lenses are an inert component to be used in the manufacture of various products. Our warranty and liability are limited only to the manufacture of the lens. You may not modify, copy, distribute reproduce, license or alter the lens and related materials of Khatod. Khatod does not warrant against damages or defects arising out of the use or misuse of the products; against defects or damage arising from improper installation, or against defects in the product or in its components. No warranty of any kind, expressed or implied, is made regarding the safety of the products. The entire risk as to the quality or performance of the product is with the buyer. In no event
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