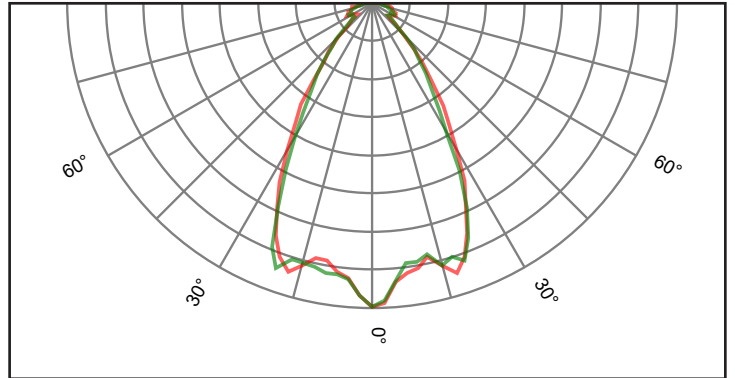
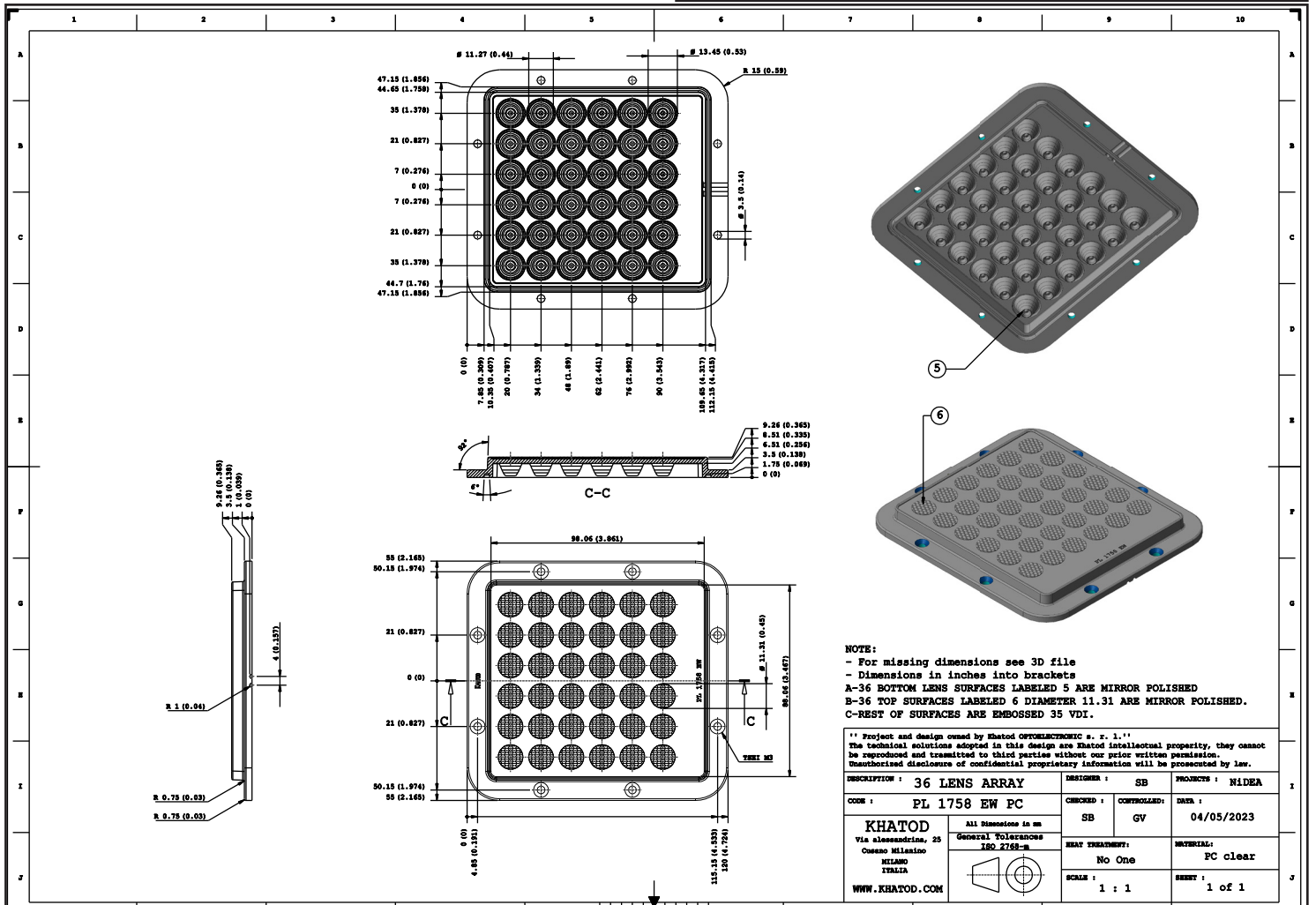


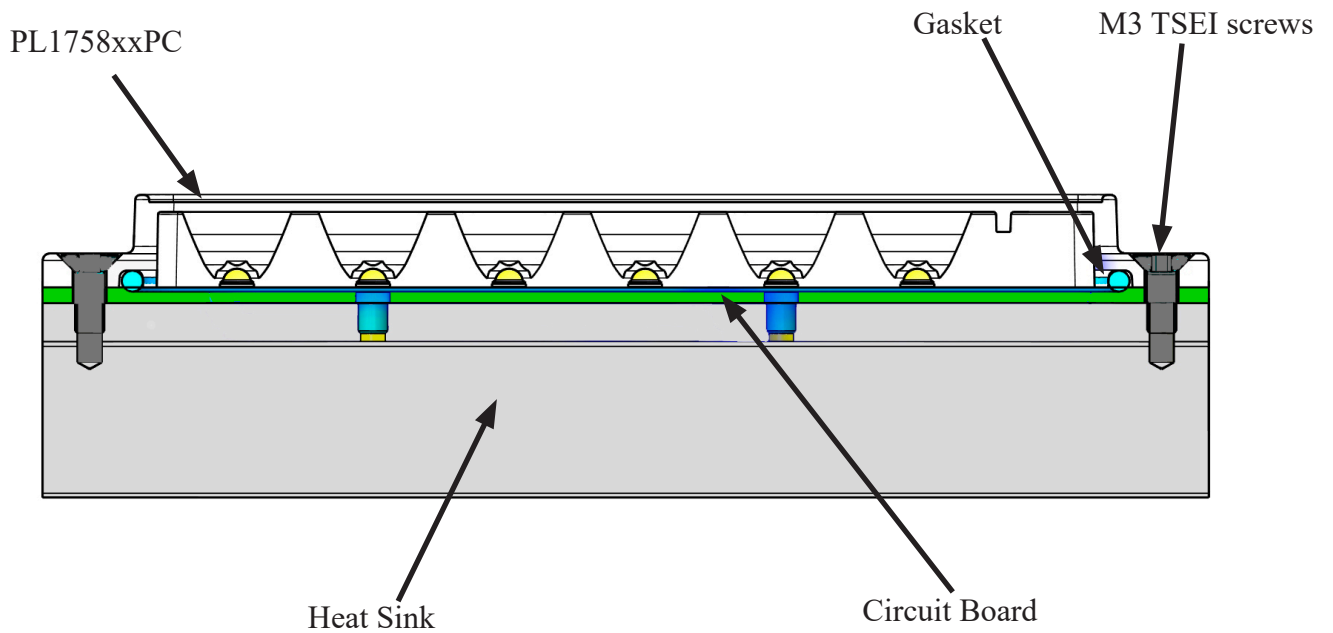
PL1758EWPC - NEMA 5



- Material = PC
- Full angle at 50% from maximum: ~ 60°
- Full angle at 10% from maximum: ~ 98°
- The light spots here represented refer to tests carried out with LEDs with 3mm dome, ~350mA@LED
- The use of lenses with LEDs driven at 350mA and at a distance from less than 3 meters is recommended. The NEMA Class is defined depending on the LED type used

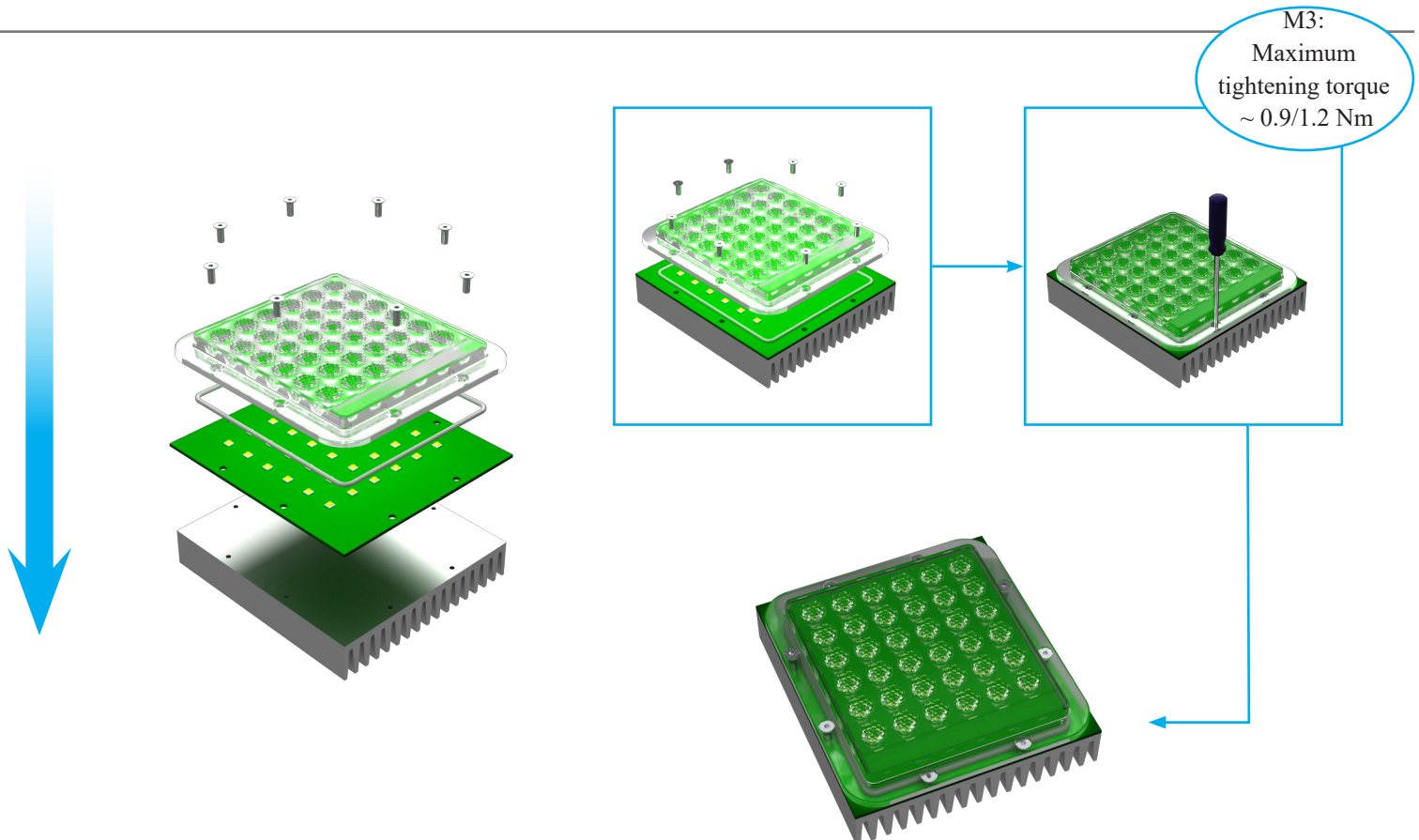


Assembly Specifications



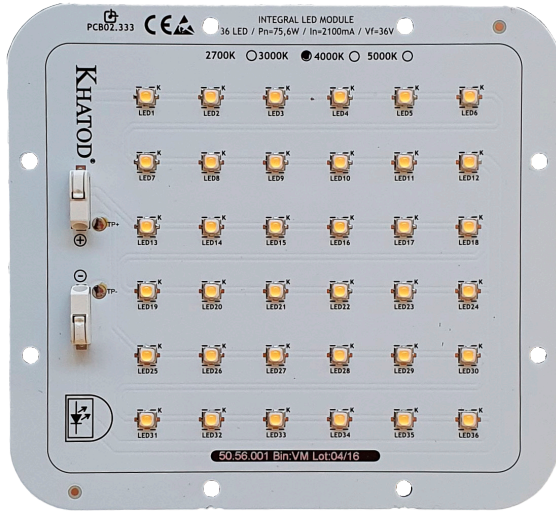
Use M3 TSEI screws

- M3: Maximum tightening torque ~ 0.9/1.2 Nm



PCB for Test - KFP32

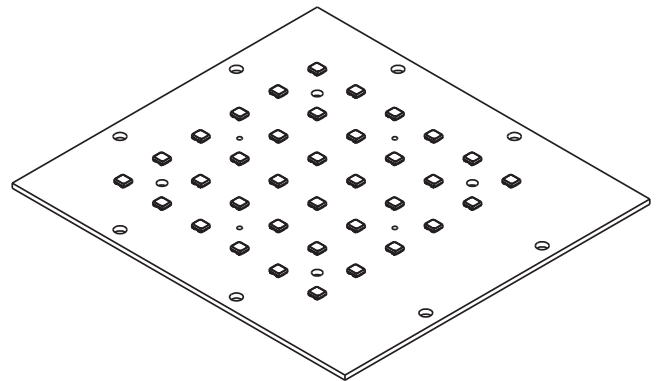
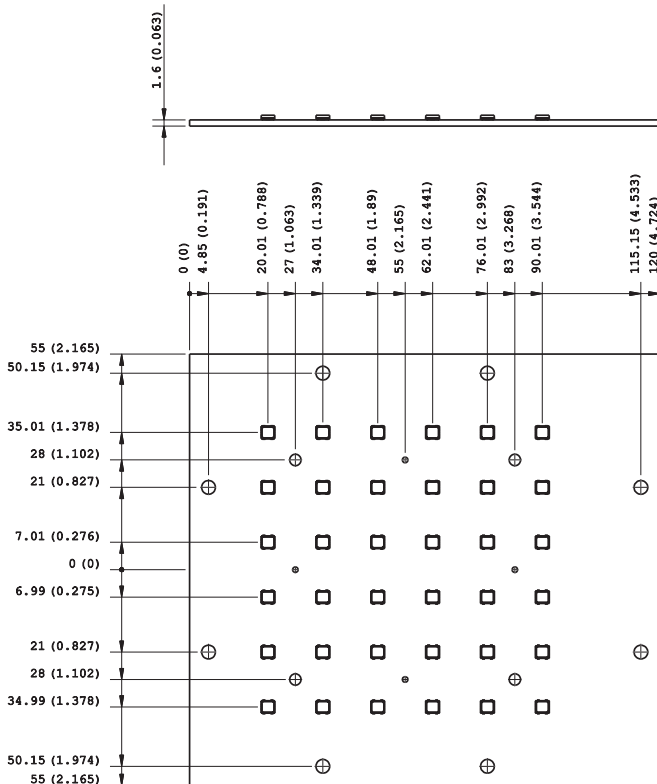
Khatod supplies KFP32 PCBs to facilitate customers test.
Circuit diagrams and photos are shown below.



KFP32

36V @ 2100 mA

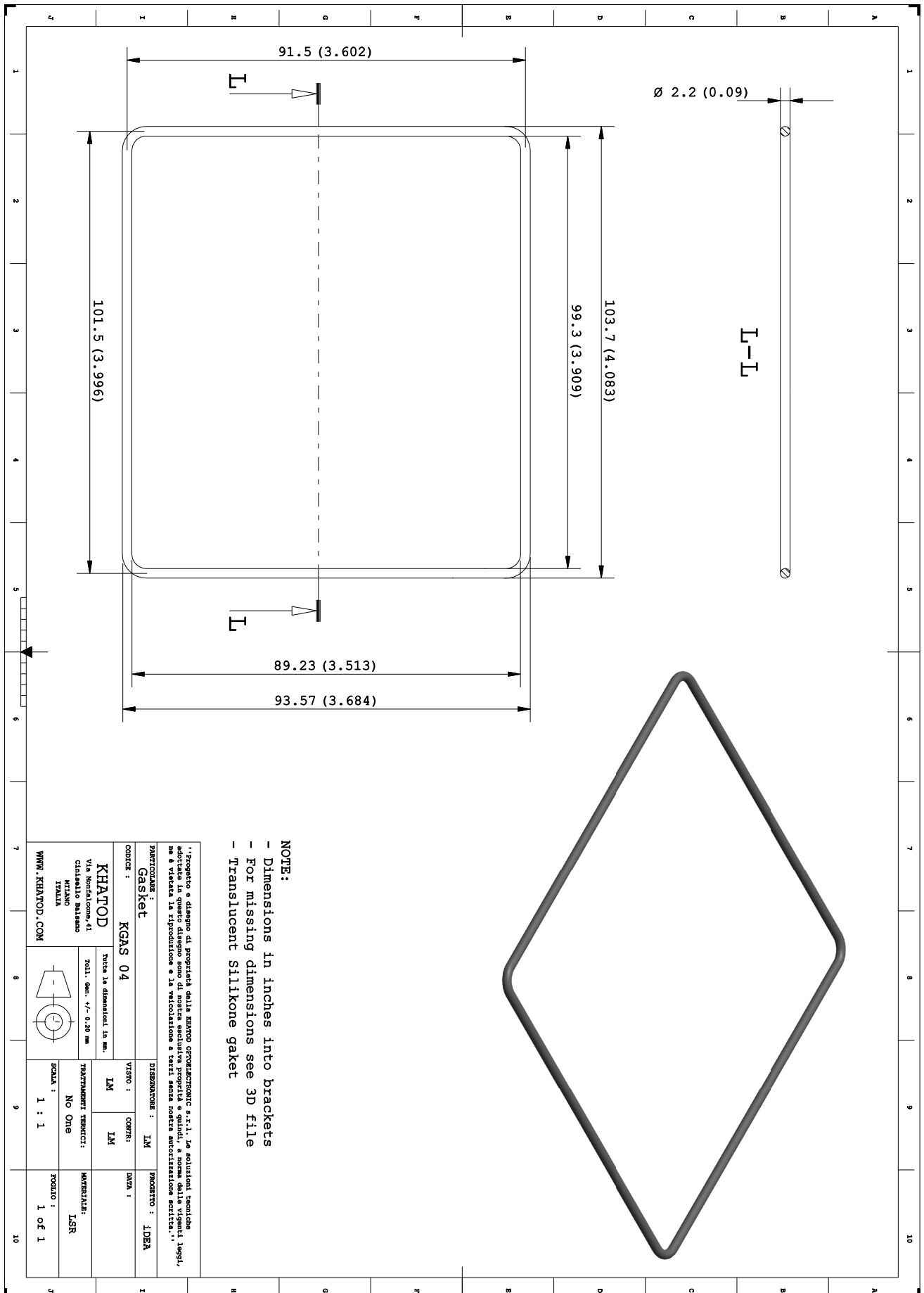
- CCT: 4000K
- Nominal Flux: 7246 lumen
- Power: 76W



PCB & LED's 27/01/2014 per PL 1758xx

Dimensions in mm

KGAS04 - Drawing



NOTE:

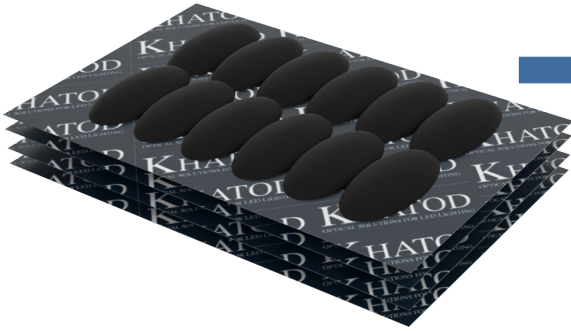
- Dimensions in inches into brackets
- For missing dimensions see 3D file
- Translucent Silikone gasket

''Progetto e disegno di proprietà della KHATOD OPTOELETTRONIC s.r.l. Le soluzioni tecniche adottate in questo disegno sono di nostra esclusiva proprietà e quindi, a norma delle vigenti leggi, ne è vietata la riproduzione e la pubblicazione a terzi senza nostra autorizzazione scritta.''

PARTICOLARE:		DISegnazione:		PROGETTO:	
Gasket		IM		IDEA	
CODICE:		VISTO:		DATA:	
KHATOD KGAS 04		IM			
Via Montebello, 41		IM			
Città di Milano		IM			
MILANO		IM			
ITALIA		IM			
WWW.KHATOD.COM		IM			
Tutte le dimensioni in mm.		Tolleranze:		MATERIE PLASTICHE:	
Toll. dim. +/- 0.20 mm		No One		LSR	
SCALA:		PRODOTTO:			
1 : 1		1 OF 1			

Packaging

Item	Quantity	Total Parts	Size (L*W*H)	G.W.
Skinpacked Cardboard	8 pcs per Skinpacked Cardboard	8 pcs	50*32 cm	0.52 Kg
Outer Box	25 Skinpacked Cardboard per Outer Box	200 pcs	50*32*38 cm	15.0 Kg



25 Skinpacked Cardboard
8 Modules each



25 Skinpacked Cardboard / Outer Box

Materials

Material	Top
PC	-30°...120°C

Notes:

- The optical values shown are the result of optical simulations carried out with LIGHTTOOLS, 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.

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 shall Khatod be liable for any direct, indirect, punitive, incidental, special, consequential damages, or any damages whatsoever arising out of or connected with the use or misuse of the product. Khatod shall not have any obligation with respect to the product or any part thereof, whether based on contract, tort, strict liability or otherwise. Buyer assumes all risks and liability from use of the product. The laws of Milan, Italy govern this product warranty and liability and you hereby consent to the exclusive jurisdiction and venue of courts in Milan, Italy in all disputes arising out of or relating to the use of this product. Production, marketing, distribution, sale of these products as well as their possible modifications and variations are only exclusive right of Khatod Optoelectronic. No company can perform any of these actions without written permission released by Khatod Optoelectronic. The information contained in this document is proprietary of Khatod Optoelectronic and may change without notice.

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