

NACTUS Optical Systems



Ready-to-use optical panels for the most diverse Lighting applications. **FIRST and UNIQUE Optical System using 15 DIFFERENT CORE OPTICS with DIFFERENT GEOMETRIES in the SAME SYSTEM.** This makes virtually possible to customize any application.

NACTUS Optical System available in multi-lens arrays, from 4 to 8 - 12 - 24 - 36 - 48 - 60 - 72 optics.

- Designed for LEDs of latest generation, from 100 lm/W to 300lm/W
- The optics, made of PMMA and PC, UV protected, never come in contact with the LED or the PCB
- Easy assembly: insert the screws into the perimeter holes and fasten the module to the PCB. Preset for the housing of sensors
- Available with PCB for testing
- **Patented**

Discover the Latest Products:



NACTUS 24 MINI

24 Optics

Module dimensions: 173.00mm x 71.40mm side | 7.80mm height

On request: available IP protected with silicone gasket.

NACTUS 24 MINI is supplied without the silicone gasket. The silicone gasket for IP protection is optional and will be supplied only on request under the KGAS12 part number.

[Download "NACTUS 24 MINI" Product Brief in PDF format >>](#)

[Download "Determination of mechanical impact resistance degree \(IK tests\)" >>](#)

[Download "Determination of thermal shock resistance degree" >>](#)

[Download "IP X5 Test" >>](#)

Find your Nactus Optical Systems starting from the PITCH you are going to use:

25.40 mm
Lens pitch

27.94 mm
Lens pitch

Find your Nactus Optical Systems starting from the MODULE and the PITCH you are going to use:

Nactus Optical Systems with 25,40mm lens pitch



[Download "IP X5 Test" >>](#)
[Recommended LED Modules >>](#)

NACTUS 6x2

12 Optics - 25,40mm lens pitch

Module dimensions: 173,00mm x 71,40mm side - from 5mm to 11mm height

On request: available IP protected with silicone gasket.

NACTUS 6x2 is supplied without the silicone gasket. The silicone gasket for IP protection is optional and will be supplied only on request under the KGAS12 part number.

[Download "NACTUS 6x2" Product Brief in PDF format >>](#)

[Download "Packaging" >>](#)

[Download "Determination of mechanical impact resistance degree \(IK tests\)" >>](#)

[Download "Determination of thermal shock resistance degree" >>](#)



[Recommended LED Modules >>](#)

NACTUS 4x2

8 Optics - 25,40mm lens pitch

Module dimensions: 118,80mm x 71,40mm side - from 5mm to 11mm height

On request: available IP protected with silicone gasket.

NACTUS 4x2 is supplied without the silicone gasket. The silicone gasket for IP protection is optional and will be supplied only on request under the KGAS13 part number.

[Download "NACTUS 4x2" Product Brief in PDF format >>](#)

[Download "Determination of mechanical impact resistance degree \(IK tests\)" >>](#)

[Download "Determination of thermal shock resistance degree" >>](#)

[Download "IP X5 Test" >>](#)



NACTUS SMALL - Single Lens - Nactus 2x2

4 Optics - 25,40mm lens pitch - from 6mm to 10mm height

Module dimensions: 50mm x 50mm side

NACTUS SMALL is supplied without the silicone gasket.

[Recommended LED Modules >>](#)

Nactus Optical Systems with 27,94mm lens pitch



NACTUS 12

12 Optics- 27,94mm lens pitch

Module dimensions without pocket: 178,00mm x 81,28mm side

On request: available IP protected with silicone gasket.



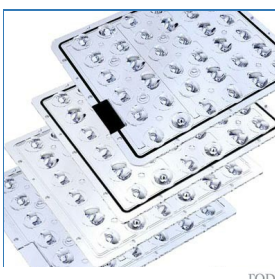
NACTUS 24

24 Optics- 27,94mm lens pitch

Module dimensions with pocket: 178,00mm x 139,80mm side

Module dimensions without pocket: 178,00mm x 137,16mm side

On request: available IP protected with silicone gasket.



NACTUS 36

36 Optics- 27,94mm lens pitch

Module dimensions with pocket: 178,00mm x 195,68mm side

Module dimensions without pocket: 178,00mm x 193,04mm side

On request: available IP protected with silicone gasket.



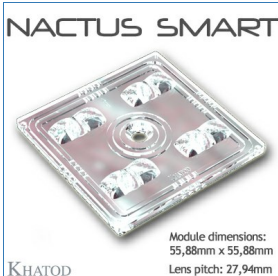
NACTUS 48

48 Optics - 27,94mm lens pitch

Module dimensions with pocket: 178,00mm x 251,56mm side

Module dimensions without pocket: 178,00mm x 248,92mm side

On request: available IP protected with silicone gasket.



NACTUS SMART - Nactus 4

4 Optics - 27,94mm lens pitch

Module dimensions: 55,88mm x 55,88mm side - from 6mm to 10mm height

On request: available IP protected with silicone gasket.

NACTUS SMART is supplied without the silicone gasket. The silicone gasket for IP protection is optional and will be supplied only on request under the KGAS02 and KGAS03 part number.

Find your Nactus Optical Systems starting from the
MODULE you are going to use:

Nactus Optical Systems



NACTUS SMILE

Round module with 12 Optics

Module dimensions: 110mm diameter - from 6mm to 8mm height

On request: available IP protected with silicone gasket.

[Recommended LED Modules >>](#)

How to interpret the code.

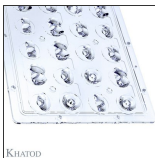
Difference between: KNACxxxxA, KNACxxxxA1X, KNACxxxxADS, KNACxxxxADS1X, KNACxxxxAIP, KNACxxxxAIP1X, KNACxxxxADSIP, KNACxxxxADSIP1X



NACTUS with pocket

KNACxxxxA (Only Optics) - KNACxxxxA1X (Optics + LED Board [demo])

The cable entrance service is provided by a pocket on one side of the panel that works also as a benchmark for the correct mounting of the panel.



NACTUS DS without pocket

KNACxxxxADS (Only Optics) - KNACxxxxADS1X (Optics + LED Board [demo])

The cable entrance service of the panel is provided by a central hole, instead of the side pocket on one side.



NACTUS IP with pocket and with IP protection

KNACxxxxAIP (Only Optics) - KNACxxxxAIP1X (Optics + LED Board [demo])

The panels come IP protected with a silicone gasket placed in the perimeter groove.

The cable entrance service is provided by a pocket on one side of the panel that works also as a benchmark for the correct mounting of the panel.



NACTUS DS IP without pocket and with IP protection

KNACxxxxADSIP (Only Optics) - KNACxxxxADSIP1X (Optics + LED Board [demo])

The panels come IP protected with a silicone gasket placed in the perimeter groove.

The cable entrance service of the panel is provided by a central hole, instead of the side pocket on one side.

[Download NACTUS Installation in PDF format >>](#) | [Download NACTUS IP DS Standard Module in PDF format >>](#) |

[Download NACTUS IP Standard Module in PDF format >>](#) | [Download IP Custom Request in PDF format >>](#) | [Download format >>](#)

Company

Information request

Contacts

Download

Events

[➔ Reserved Area](#)



© Khatod Optoelectronic Srl - Via Alessandrina, 25 - 20095 Cusano Milanino, Milano, Italy
T +39.02.6601.3695 | F +39.02.6601.3500 | khatod@khatod.com VAT IT02270010966.
All rights reserved.