

INTRODUCTION

BUILD YOURS LIGHT APPLICATION WITH NIVISS KHX3 MODULES

The Niviss KHX3 is an advanced, energy-efficient and environmentally friendly LED module. It is based on LED technology of one of the leaders of the LED solutions - American company Cree® and Metal Core Printed Circuit Board (MCPCB) technology. Niviss KHX3 modules are designed to build and modification various lighting applications. The main advantage of using LED lighting is that they do not contain toxic compounds such as lead and mercury, and have no negative impact on the environment. They provide lighting devoid of UV and IR radiation.

- Based on CREE® LEDs
- High efficiency
- Environmentally friendly
- Long Lifetime
- Energy Saving
- No UV and Mercury

APPLICATIONS

The Niviss KHX3 can be widely used in different types of indoor and outdoor lighting applications

- Street lighting
- Sidewalk & Bicycle Lane Light
- Task lighting
- Wide-area lighting
- General lighting
- Recessed furniture LED spotlight

Contact: +48 58 781 33 99 sales@niviss.com www.niviss.com
 NIVISS reserves the right to make technical changes without prior notice.

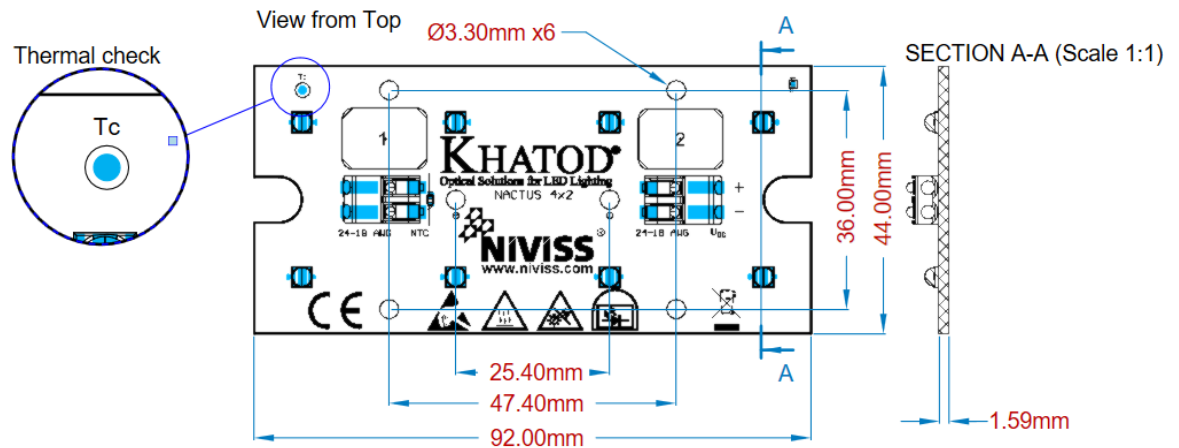
CREE 
 LED Solution Provider

SPECIFICATION

| LED FAMILY | XPG3 |
|----------------------------|---------------|
| Effective Lumen* @700 mA | 1300 lm |
| Effective Lumen* @1.4 A | 2500 lm |
| Effective Lumen* @3 A | 5000 lm |
| Maximum current | 4 A |
| Power supply voltage | ≈ 12V DC |
| CCT | 4000K |
| CRI | 80 |
| Operating Temperature. | -20°C ÷ +55°C |
| Recommended T _c | 55°C |
| Dimensions | 92x44 mm |
| Lifetime** | ≥ 65 000 h |

* Source performance calculated using CREE® Product Characterization Tool (<http://pct.cree.com>) at T_{sp}=55°C
 ** Approximate lifetime of LEDs declared by Cree® at T_c=25°C (for 80% of initial light output) and other electronic components

DIMENSIONS



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LENS SYMBOL (optional)

| LENS FAMILY | MANUFACTURER ID | MANUFACTURER | ORDERING CODE |
|-------------|-----------------|--------------|----------------------|
| NACTUS 4X2 | PLL080001 | KHATOD | LENS-KH-08-PLL080001 |
| NACTUS 4X2 | PLL080004 | KHATOD | LENS-KH-08-PLL080004 |

ENVIRONMENTAL CAUTION



Caution!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.