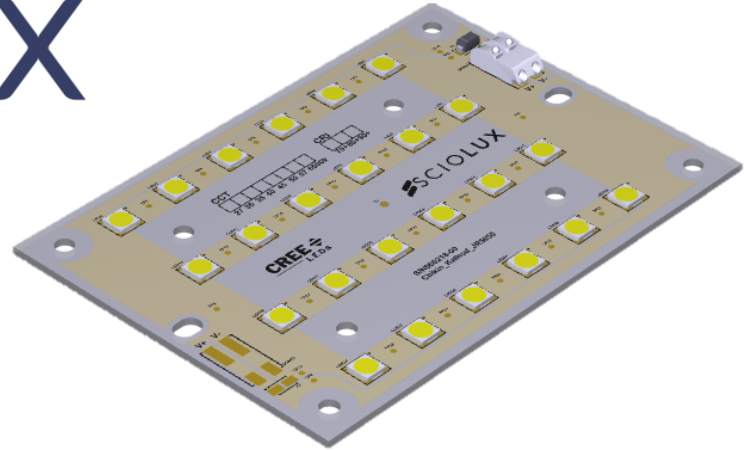


# SCIOLUX

## CHIKIN

### Family



CHIKIN module based on CREE LED technology, J Series 5050 family, provide us with exceptional efficiency at a competitive cost, breaking the barriers between medium and high-power technology.

This product is compatible with SIMPLE secondary optics (sold separately); Secondary optics offers different distribution patterns, which will give us additional benefits to be able to develop different applications more efficiently, with excellent reliability and precision.



### FEATURES

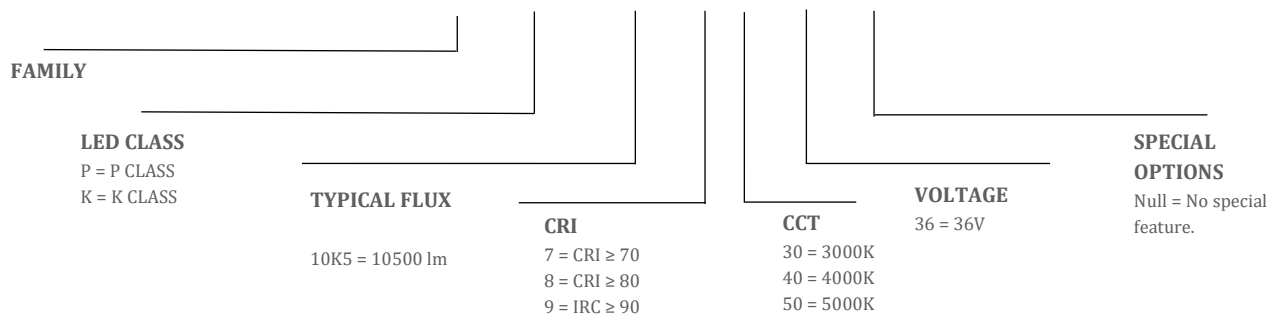
- Rectangular module of 11.6cm x 8.1cm (4.566 in x 3.188in).
- MCPCB 2wmk.
- Compact system compatible with different secondary optics of the KHATOD brands.
- Connector compatible with 24 to 18AWG cables.
- Cable stripping length from .7cm to .9cm.
- High projections of L90 and L70 useful life, even in situations of thermal stress.

### APPLICATIONS

- Streetlight
- High Bay Luminaire
- Sports luminaire
- Reflector

### Order code

CHIKIN - VP - 10K5 - 7 40 - 36 - XX



## ELECTRICAL SPECIFICATIONS

Family	I <sub>f</sub> Nom. (mA)	I <sub>f</sub> Max. (mA)	V <sub>f</sub> Nom. (V)	T <sub>c</sub> Max. (°C)
CHIKIN-VP	1200	2400	34.62	85
CHIKIN-VK	1200	2400	34.02	85

## PRODUCT SELECTION TABLE

CHIKIN VP— Nominal conditions (T<sub>sp</sub> = 25°C), Maximum conditions (T<sub>sp</sub> = 65°C), CRI 70

ORDER CODE	CCT	CRI	36V @ 1200mA				36V @ 2400mA	
			Min. Flux (lm)	Nom. Flux (lm)	Nom. Efficacy (LPW)	Nom. Power (W)	Max. Flux (lm)	Max. Power (W)
CHIKIN-VP-10K5-750-36	5000K	70	9,924	10,507	190	55.3	18,226	117
CHIKIN-VP-10K5-740-36	4000K	70	9,924	10,507	190	55.3	18,226	117
CHIKIN-VP-9900-730-36	3000K	70	9,363	9,913	179	55.3	17,195	117

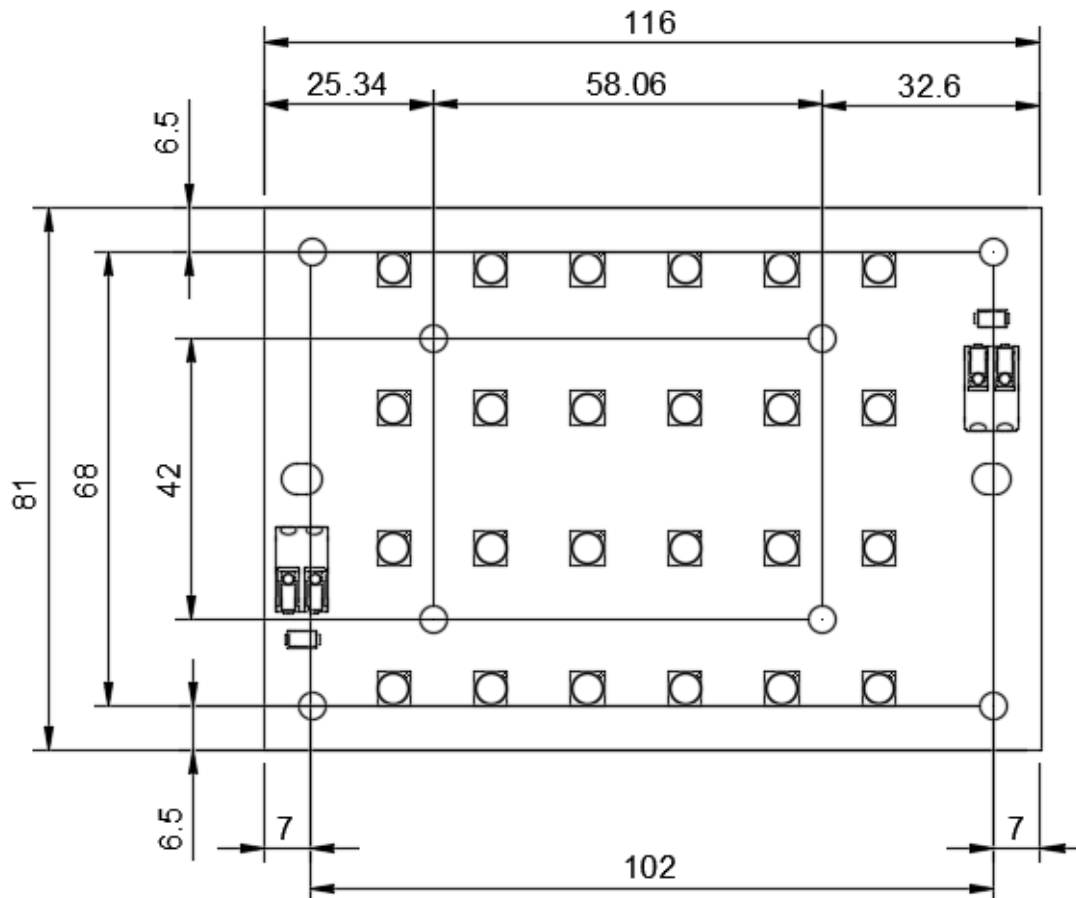
CHIKIN VK — Nominal conditions (T<sub>sp</sub> = 25°C), Maximum conditions (T<sub>sp</sub> = 65°C), CRI 70

ORDER CODE	CCT	CRI	36V@1200mA				36V@2400mA	
			Min. Flux (lm)	Nom. Flux (lm)	Nom. Efficacy (LPW)	Nom. Power (W)	Max. Flux (lm)	Max. Power (W)
CHIKIN-VK-10K8-750-36	5000K	70	10,261	10,835	199	54.3	19,127	114
CHIKIN-VK-10K8-740-36	4000K	70	10,261	10,835	199	54.3	19,127	114
CHIKIN-VK-10K3-730-36	3000K	70	9,765	10,311	190	54.3	18,202	114

**Notes:**

- Flux and power conditions shown for reference.
- Available in existing color temperatures.

## MECHANICAL DIMENSIONS (mm)



### Notes:

- Measurements represented in millimeters.
- You can request the mechanical file to the following email: [ingenieria@idc-componentes.com](mailto:ingenieria@idc-componentes.com) or to your sales executive.

## ACCEPTABLE TERMS OF USE

- These products are electronic components designed to be used exclusively in complete end products. They must not be used as autonomous elements or for purposes other than those previously mentioned.
- The installation of this product in the final product is subject to any additional requirements that may be applicable in accordance with the rules and regulations governing the final product. These requirements shall be verified during the evaluation of the final product and shall be met to ensure the safety and functionality of the final product.
- These components must be installed in the final product according to the requirements of enclosure, accessibility, wiring, segregation, assembly and space indicated in the specifications of the final product. The suitability of the facility will be determined during the certification assessment of the final product.
- When these components are installed in a final product that is designed for use in wet or wet places, the applicable requirements and tests (e.g. rain test, moisture test, etc.) must be met in accordance with the rules and regulations governing the final product. These tests should be performed after the components have been installed in the final product. The suitability of the components will be determined during the certification evaluation of the final product.
- The use of these products implies acceptance of the terms and conditions established by the manufacturer. Failure to comply with these terms and conditions may invalidate the product warranty and exempt the manufacturer from any liability for damages.
- Products must be stored in a suitable place, free of moisture, dust, direct sunlight and corrosive chemicals. Improper storage can affect the performance and shelf life of products.