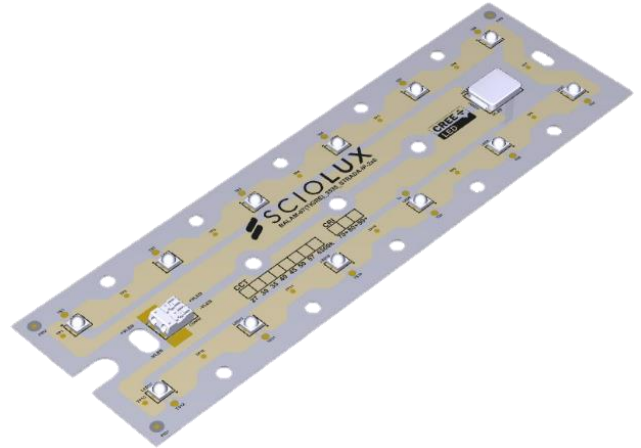


SCIOLUX

BALAM 3535 Family



BALAM-LX module based on the technology of the CREE LEDs, J Series XT & XP family, give us exceptional efficiency at a competitive cost, breaking the barriers between medium and high-power technology.

This product is compatible with Strada 2x6 and HB 2x6 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

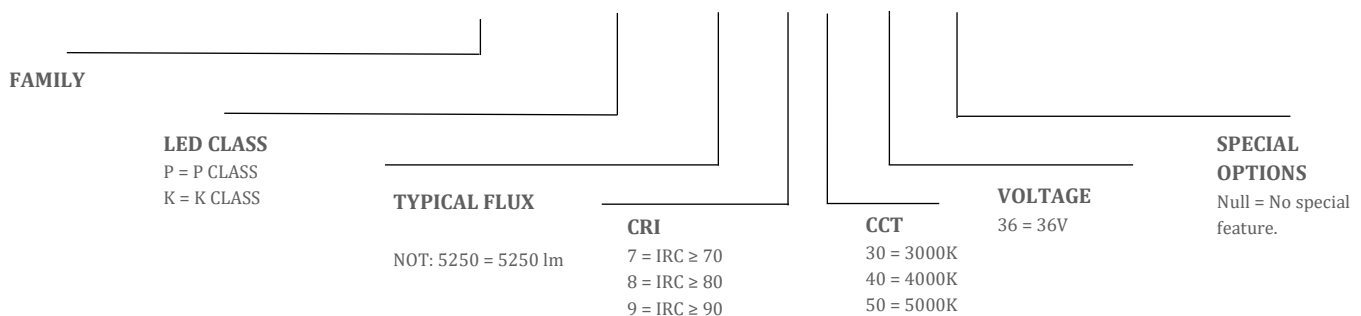
- Rectangular module 14.66cm x 4.5cm (5.7716in x 1.7716in).
- PCB Aluminum 2wmk.
- Compact system compatible with different secondary optics of the LEDIL and KHATOD brands.
- Connectors compatible with 26 to 22AWG cables.
- Cable stripping length from .4cm to .55cm
- High projections of L90 and L70 service life, even in situations of thermal stress.

APPLICATIONS

- Streetlight
- High Bay Luminaire
- Sports luminaire
- Reflector

ORDER CODE

BALAM - LE - 2150 - 7 50 - 36 - XX



ELECTRICAL SPECIFICATIONS

Family	I _f Nom. (mA)	I _f Max. (mA)	V _f Nom. (V)	T _c Max. (°C)
BALAM-LE	350	1500	33.24	85
BALAM-LG	350	2000	32.4	85

PRODUCT SELECTION TABLE

BALAM LE— Nominal conditions (T_{sp} = 25°C), Maximum conditions (T_{sp} = 65°C), CRI 70

ORDER CODE	CCT	CRI	36V@350mA				36V@1600mA	
			Min. Flux (lm)	Nom. Flux (lm)	Nom. Efficacy (LPW)	Nom. Power (W)	Max. Flux (lm)	Max. Power (W)
BALAM-LE-2150-750-36	5000K	70	2,035	2,188	183	12	6,506	55.9
BALAM-LE-2150-740-36	4000K	70	2,035	2,188	183	12	6,506	55.9
BALAM-LE-2050-730-36	3000K	70	1,935	2,081	174	12	6,189	55.9

BALAM-LG — Nominal conditions (T_{sp} = 25°C), Maximum conditions (T_{sp} = 65°C), CRI 70

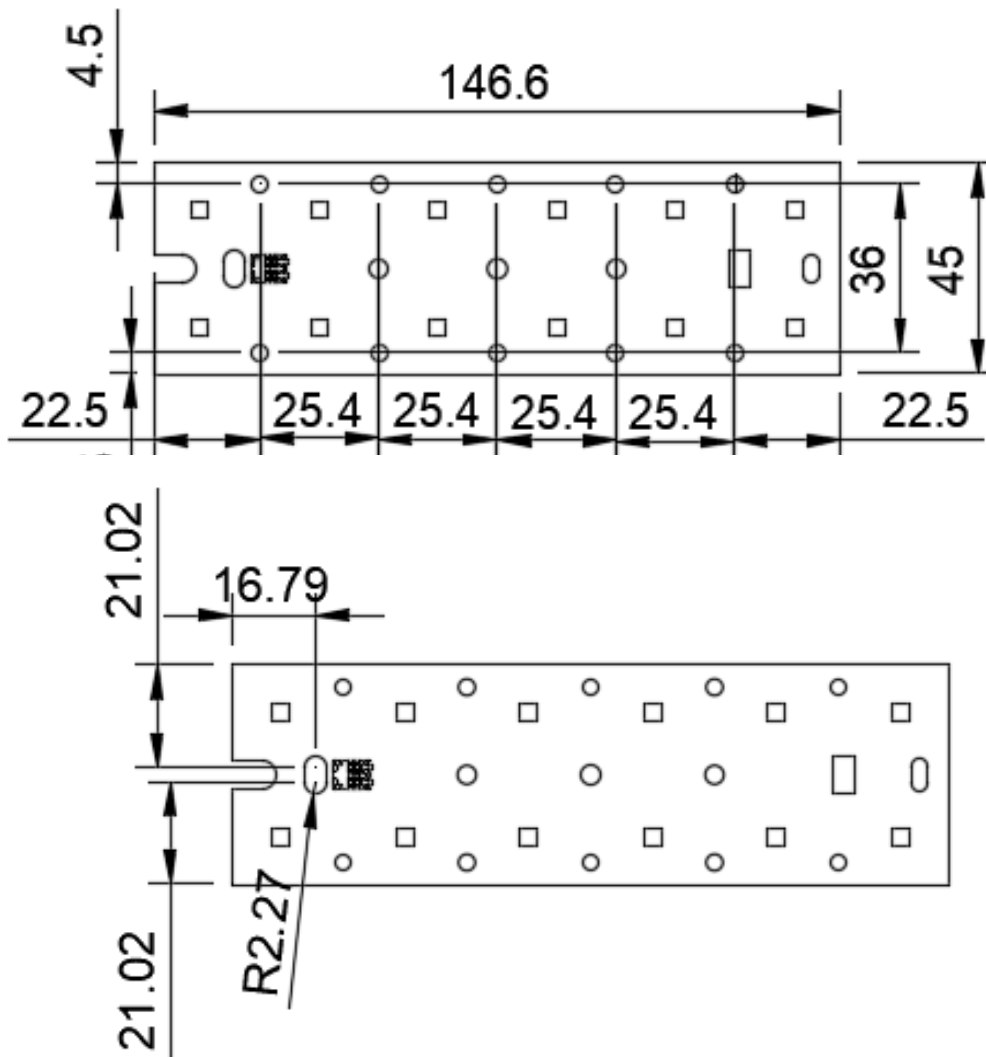
ORDER CODE	CCT	CRI	36V@350mA				36V@2000mA	
			Min. Flux (lm)	Nom. Flux (lm)	Nom. Efficacy (LPW)	Nom. Power (W)	Max. Flux (lm)	Max. Power (W)
BALAM-LG-2450-750-36	5000K	70	2,327	2,494	214	11.7	9,451	73.1
BALAM-LG-2450-740-36	4000K	70	2,327	2,494	214	11.7	9,451	73.1
BALAM-LG-2250-730-36	3000K	70	2,129	2,281	196	11.7	9,031	73.1
BALAM-LG-1800-722-36	2200K	70	1,726	1,849	159	11.7	7,298	73.1
BALAM-LG-1600-718-36	1800K	70	1,515	1,623	139	11.7	6,405	73.1

Order Code	Color	I _f Nom. (mA)	I _f Max. (mA)	V _f Nom. (V)	PWL (nm)
BALAM-LG-666mW-RB-36	Royal Blue	350	2000	33.48	450

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 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.