

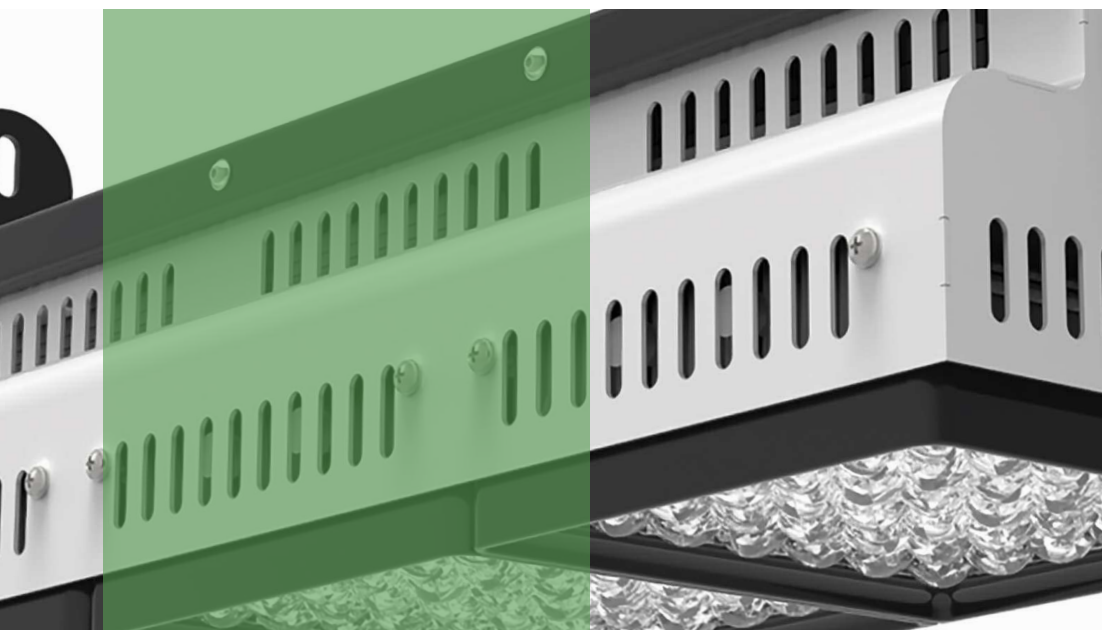
B-BLOCK

MODULAR LED FLOODLIGHT
DESIGNED FOR HIGH ENERGY-EFFICIENCY
AND FUNCTIONALITY



B-BLOCK

PERFORMANCE AND FLEXIBILITY
IN A UNIQUE COMPACT BODY



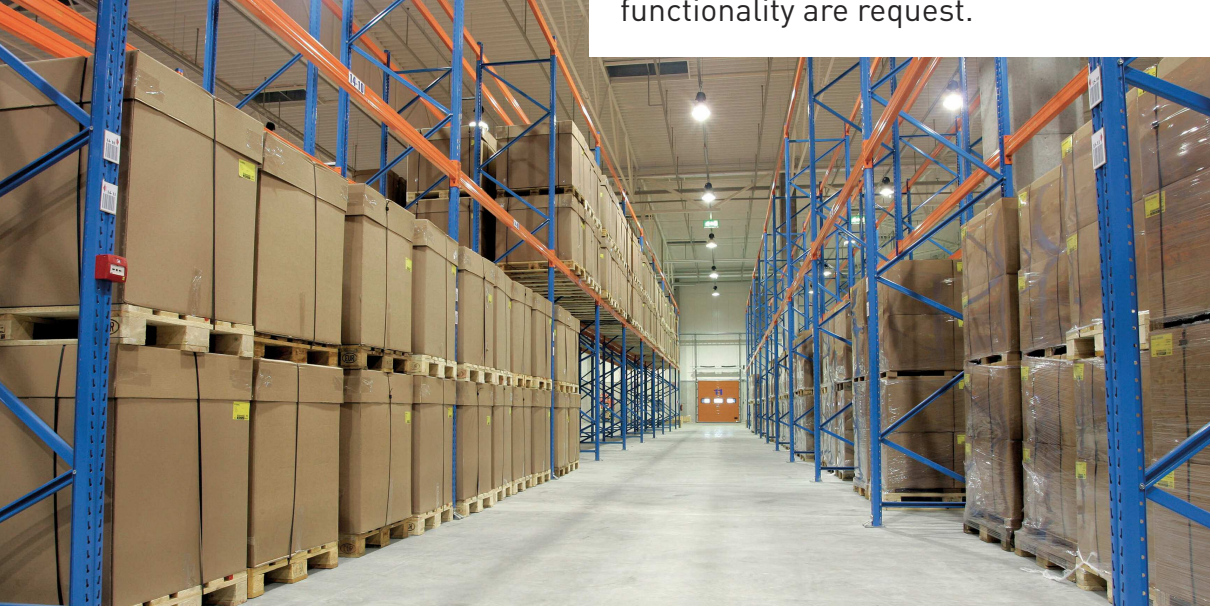
B-BLOCK is the made in Italy LED floodlight, designed to replace the traditional technologies in multiple applications.

The modular system is extremely efficient and allows the optimal thermal dissipation that help to ensure high luminous efficiency and long lifetime.

The compact and functional shape, makes the installation and maintenance operations quick and easy. **B-BLOCK** guarantees visual comfort and the safety of the spaces, allowing to reduce the energy consumption with a fast return on investment.

MODULAR DESIGN TO GET THE MOST FROM THE LIGHT

B-BLOCK has been designed to create a composed LED lighting system. This innovative LED floodlight, perfectly meets different lighting needs in multiple applications where significant energy savings and high functionality are request.



Benefits

- **Quality, reliability and robustness:** made in Italy product, with superior performance and long lifetime
- **High luminous efficiency:** maximum luminous flux with minimum power consumption
- **High energy efficiency, over 60% of energy savings** compared to the traditional technologies. Reduction of maintenance costs thanks to the long life time. Fast payback time.
- **Excellent light distribution and color rendering.** No UV and IR. No glare or flicker. Instant-on with 100% of luminous flux. Perfect lighting levels, complying with the standards, ensuring safety, wellbeing and productivity in the work environments.

Applications

- Industrial and Manufacturing areas: production lines, corridors, work areas
- Warehouses and storage areas
- Commercial areas
- Transit areas

B-BLOCK

Long lifetime driver

The power supply guarantees high efficiency and performance reliability over time in every application.

Modular design to meet different lighting design needs

B-BLOCK has been designed to flexibly illuminate multiple environments.

The modularity allows to create customized LED lighting solutions, ensuring high performance and the best light quality over time.

It is possible to compose modules matrices 1x1, 1x2, 1x3



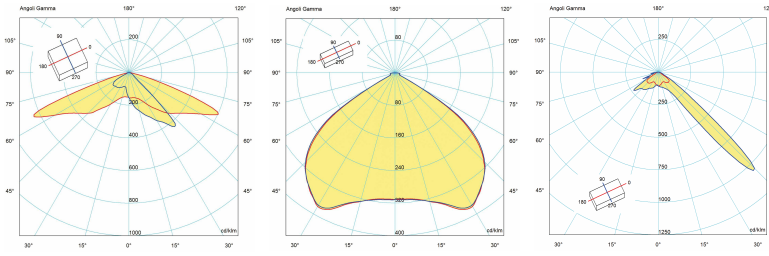
High-power LED

The floodlight is realized using the best LEDs available on the world market that ensure high luminous efficiency, low decay of the luminous flux, long-lasting life time and excellent color rendering.

High efficiency lenses

B-BLOCK series use high UV light resistant lenses. Thanks to the high mechanical resistance and the high light transmission, the lenses ensure superior performance.

Photometric data



Features

Installation	Indoor Outdoor (IP 65 version available upon request)
Lumen package range (nominal LED flux)	From 7.735 lm to 23.205 lm
Power consumption	From 65W to 195W
Operating temperature range	-20°C + 45°C
Materials	Heatsink in anodized extruded aluminum Fixture in pre-galvanized Fe260, powder coating PMMA optics
Ingress protection	IP 20 (standard)- IP 65 (optional)
Impact Resistance	IK 08
Electrical safety class	I – II
Rated Voltage	100÷240 V ac, 50/60Hz
Driver	Integrated
Color temperature	Neutral white, Cool white
Color rendering index	CRI>70 (standard);CRI>80 (on request)
Photobiological safety	Exempt Group
Lumen maintenance L70	> 120.000 h
Protections	NTC protection (upon request, subject to feasibility check), Overvoltage, Over temperature, Electrical short circuit, Surge protection: 6kV differential mode/ 10kV common mode
Certifications	CE
Warranty	6 Years

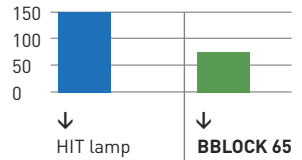
Dimensions | mm Weight | kg

311x184x86	4
357x178x209	6,5
515x178x209	10,5

TECHNOLOGIES COMPARISON

Traditional 150W vs B-Block 65W

New lighting system



Reduction of installed power

57%

Lighting control options:

In the standard version, the luminaire is provided with a constant LEDs current.
Lighting control options are available upon request:

- Analog dimming options (ex. 0-10V)
- Time dimming (midnight point)
- Output lumen compensation
- DALI dimming

Intelligent lighting control system:

(option upon request, subject to feasibility check)
The lighting fixtures can be equipped and integrated with the remote control system that allows to manage and monitor the lighting system. The remote control system also provides to enable value-added services and functions in order to create the SMART INDUSTRY.

For more information, please visit our website www.greenledindustry.com and download the brochure "Intelligent lighting control system".

Please visit www.greenledindustry.com for complete and updated data sheet

Energy saving project example: Manufacturing area



Annual operating hours:

three working shifts,
220 days, 5.300hrs

Average cost of energy:

0.16 €/kWh

Expected payback:

< 3anni

Greenled Industry is an Italian company specialized in LED lighting systems that are suitable for industrial environments, also in harsh environmental conditions, street and large areas lighting, commercial lighting.

The company offers made in Italy solutions that ensure high quality, superior performance and long life time, guaranteeing excellent lighting results.

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In order to guarantee a continuous updating of its products, Greenled Industry reserves itself the right to modify the contents without notice.



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