



# OUTDOOR & INDUSTRIAL COLLECTION

2022 - 2023

[www.hb-lux.com](http://www.hb-lux.com)



Today's best performance is tomorrow's baseline. The real inspiration comes when you act like you have limitless capabilities. That's how we started the story of creating LIGHT combining your vision and our experience.

You know that feeling of having first unique baby and all family is taking care of him and trying to satisfy and perfectly understand his needs. So that's how Hblux family is working on the projects.

We go above and beyond to create the best innovative customized & HIGHLY BRANDED solutions which elevate your lighting comfort.

HBLUX Technology was created from a partnership between a 20 years Experienced Electrical engineer and 25 years Experienced Architect. These two experiences have been merged to give birth to a brand with the flair of innovation, associating cutting-edge designs with the Electrical/ Electronic technical deep expertise & scrupulous innovative process that guarantees the high quality & reliability.

We design, advise, manufacture unique, proven, & exquisite selection of LED lighting fixtures. Our core focus and reason for being is to Light your projects with the most innovative and high quality outdoor& Indoor Led lighting products. The technicality of our teams allows us to master the in-house entire value chain from design to manufacture.

We have mastered and integrated all major technological developments in the sector and we have created a complete & highly branded range of indoor & Outdoor lighting according to the needs & ideas of our customs.

The company works in accordance with ISO 9001 quality system. Hb-lux is using in the manufacturing process components that meet the European standards and possess proper certificates, from renowned partners such as Meanwell, OSRAM, NICHIA, TRIDONIC, PHILIPS, TCI, VOSSLOH-SCHWABE, SAMSUNG, CREE

We are honored to be the example of an authentic Made in turkey branding, which combines perfectly different types of Indoor & Outdoor bespoke Lighting fixtures which are all designed at our headquarters in Turkey.

Hb-lux is your partner able to satisfy all your lighting needs. Thanks to the collaboration with international designers, the company has developed a culture capable of satisfying even the most demanding markets. We are much more than a manufacturer. We thrive on understanding our clients visions to transform them to technology.

We work with our clients as united team. We believe that unity of purpose is a positive powerful effect of creating meaningful & innovative work.

Where there is unity, there is creativity.





We realized that when lighting specialists talk about HB-LUX, they basically talk about products . It is true that the quality of our products no longer has to be proven.

In fact, our products have been installed since almost 10 years with optimal customer satisfaction and a number of failures less than 1,2%.



HB-LUX is not only products HB LUX is also a team that has over tens of years of experience in LED at your service.



We have an equipped design office in our premises using the latest technological tools performing all days on lighting studies related to warehouses, supermarkets, offices, hotels, car parks, tunnels, sports facilities, Historical area, Public facilities etc.





We follow these values in all our chain value starting from design to delivery.

Our success is based on some Pioneer values that make the difference: Innovation, Vigilance and long-lasting.



Hb-lux can vault in using one of the most modern CNC controlled machines during the molding process of all our products. The use of such machines allows to us to offer the best delivery times, customized products for each client and to control our products quality.

We are dedicated, passionate and committed to create long lasting products.







**LED** **Light emitting diode**  
*LED is a semiconductor component that emits light when voltage is applied to it.*


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**IPXX** **Ingress Protection**  
*The first numerical digit describes the rating that is given for solid objects. The 6 here is the highest rating and means the LED is dust tight. The second numerical digit defines how well the LED can keep liquid out.*


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**CRI** **Color Rendering Index**  
*Color Rendering international system to rate lighting device ability to render object colors. The higher the CRI (based on a 0-100 scale) Natural outdoor light has a CRI of 100.*


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 **Safety Classifications Class I**  
*The luminaires in this class have basic electrical insulation and all of their potentially electrically conductive parts are connected to a protective conductor. The protective conductor terminal displays this marking.*


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 **Flammable Base.**  
*Luminaires accepted for mounting on a flammable base. If the value exceeds 130°C, "F" marked luminaires shall in addition be tested in accordance with IEC 60598-1 with respect to luminaires without temperature sensing controls.*

---

 **LED Luminaire Life Test.**  
*LM-80 is a standardised testing method for measuring the lumen depreciation of LED modules or chips over a period of time and under certain set conditions. Other components, including the LED optical system, heat sink, LED drivers and luminaire housing, should also be taken into consideration to form a full picture of an LED luminaire's projected useable life.*


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 **Standard Deviation of Colour Matching.**  
*Thanks to MacAdam ellipses, it's possible to see how much LEDs differ from standard values in colour precision deviations are shown in different steps - (the official unit of measurement is called SDCM)  
The colour deviation of an LED must not be more than 6 SDCM.*


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 **CE Certificate**  
*Certifies product has met EU (European) consumer safety, health and or environmental requirements.*


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 **RoHS Compliance**  
*Restricts the use of certain dangerous substances commonly used in electrical and electronic equipment.*


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 **No Ultraviolet (UV) Radiation**  
*Radiant energy in the range of about 100-380 nanometers (nm).*


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 **No Infrared Radiation**  
*Electromagnetic energy radiated in the wavelength range of about 770 to 1.000.000 nanometers (nm).*


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 **Low Carbon Dioxide Output (VCO2)**  
*The amount of CO2 exhaled from the body in to the atmosphere per unit time, expressed in milliliters (mL) or liters (L) per minute*

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 **Fully Rated Life**  
*The end of the life of an LED is determined by the point at which the LED fails to deliver at least %70 of initial lumen output. LEDs are commonly marketed as having 50.000 hours of fully-rated lives.*


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 **Energy Savings**  
*LED is a highly energy efficient lighting technology, and has the potential to fundamentally change the future of lighting in the world.*

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 **Recycling**  
*Unlike low-energy lamps, LED contains no mercury and is therefore not treated as special waste.*

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 **European Union Energy Label**  
*The energy efficiency of the appliance is rated in terms of a set of energy efficiency classes from A to G on the label, A being the most energy efficient, G the least efficient.*

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- HBLUX Technology reserves the right to change the specifications of the products without any notice.
- The products in the catalog cannot be used or published without our knowledge.
- There may be color differences due to printing.
- Product images are for informational purposes only. There may be typos.
- You can visit our website for up-to-date information.



indoor

outdoor



facade

landscape



industrial



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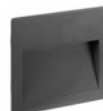
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# LANDSCAPE COLLECTION

2022 - 2023

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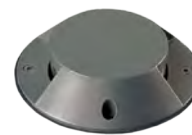
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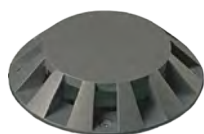
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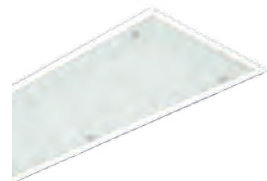
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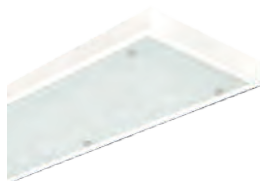
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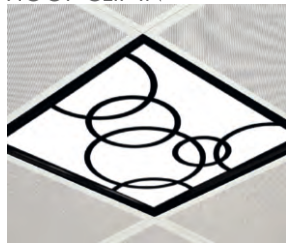
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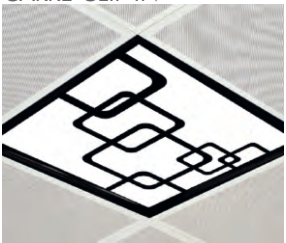
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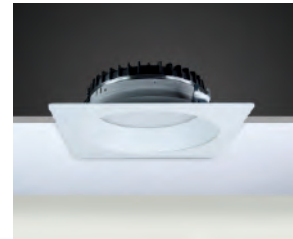
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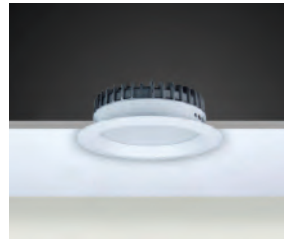
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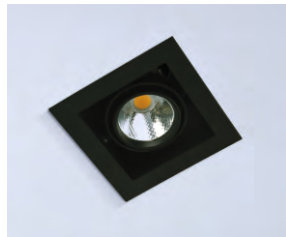
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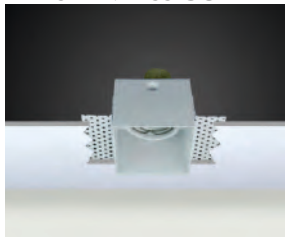
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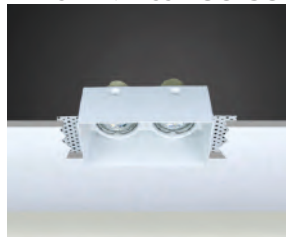
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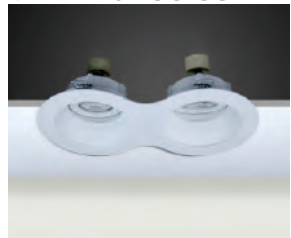
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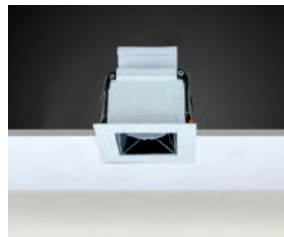
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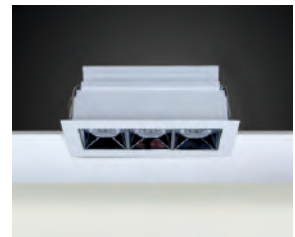
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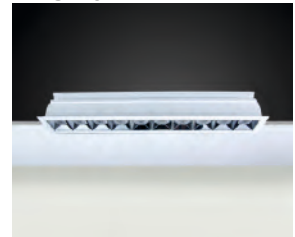
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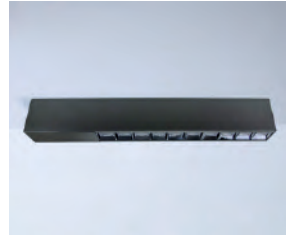
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