

TUNGSRAMTM

Innovation is our heritage
EST. 1896



DUROS

LED HIGH-BAY

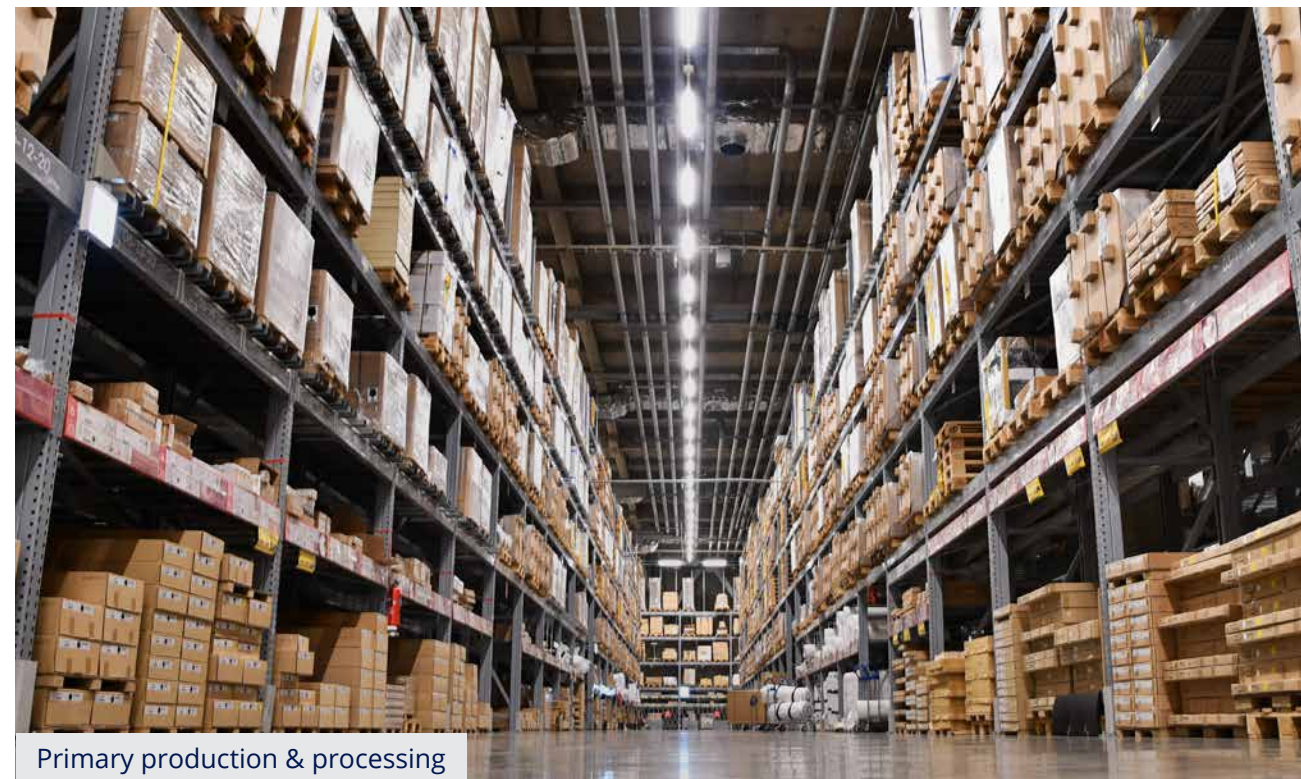
Reliable and Efficient

KEY APPLICATION AREAS



Heavy industry

Between 8m and 15m height



Primary production & processing

Save **50-70%** on your energy consumption



Craft & light industry



Sport hall

UGR<19



Warehouse and cold warehouse

FOR A WELL-LIT INDUSTRIAL AREA

SIMPLICITY

Clear and simple design. Available with features resulting in cost savings during the installation phase. 50%-70% energy saving due to industry-leady efficacy.

Durable and Versatile

ISO 9001 certified European manufacturing guarantees product quality. Efficient protection (IP66 and IK08) requires less maintenance.

Lighting on Demand

Uniform optical distributions, **improved glare control** and sensors (daylight and motion) allow better visual comfort and safer working environment for your employees.

Effortless and Fast Installation

Pre-fabricated brackets make the installation fast and easy. Duros is also available with pendant and Y-cable mounting options.



Pre-fabricated
brackets upon request



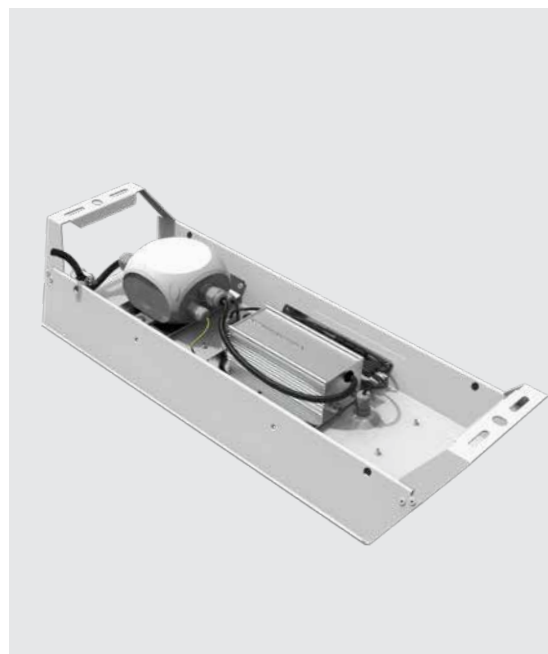
Tungram factory is ISO 9001 certified



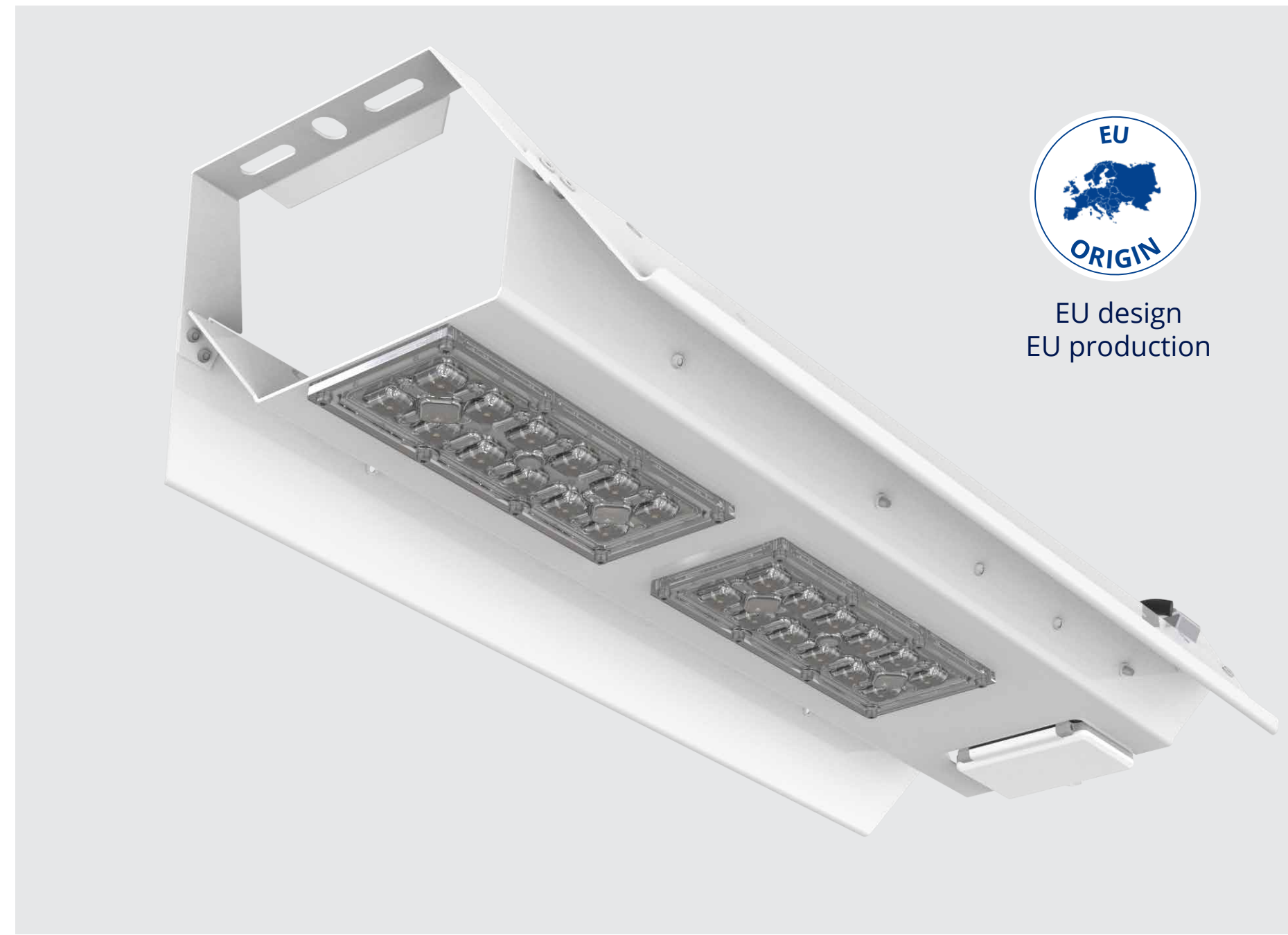
TECHNICAL SPECIFICATIONS

Key features

- Efficacy: up to 161 lm/W
- Power Consumption: 70-200W
- Luminous flux: from 10 to 30 klm in 5 klm steps
- Color temp: 3000K, 4000K, 5000K, 6500K
- Mounting height: up to 15m
- Sensor: RF/SN (daylight harvesting, motion)
- Weight: max 3.2 kg
- Temperature range: -25 to +50 °C
- UGR<19



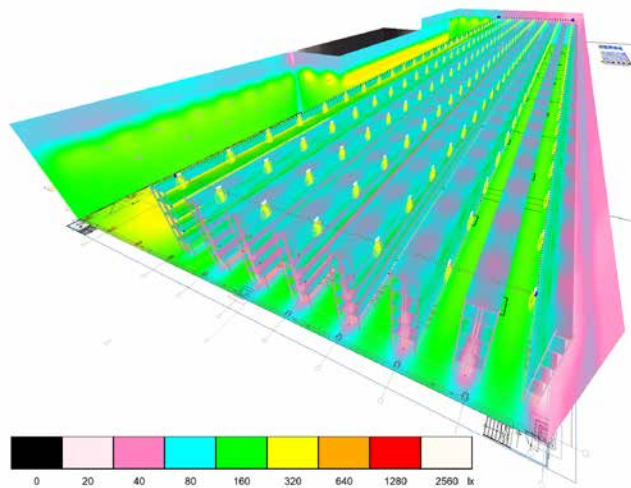
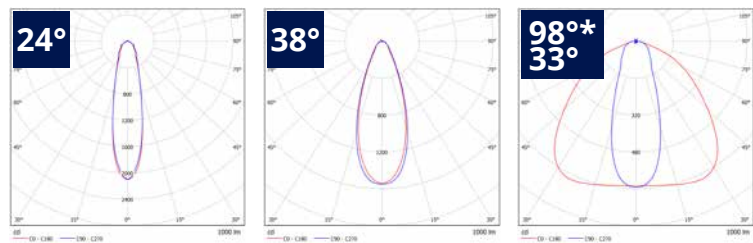
EU design
EU production



PHOTOMETRIC DISTRIBUTIONS

24°, 38°, 98°*33°

Narrow light distributions focus the light, achieving the correct illumination levels on the floor & for narrow aisle racks.

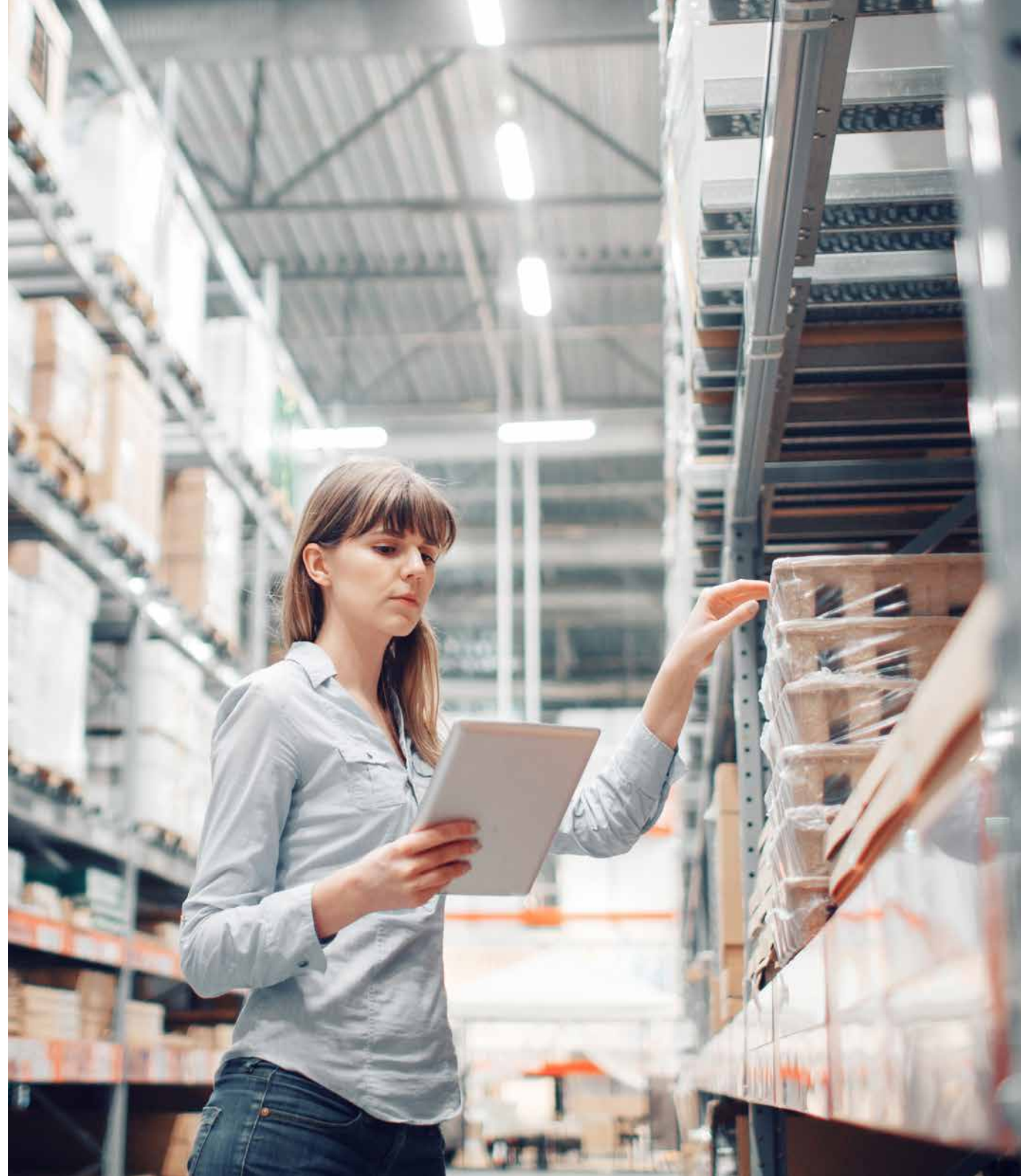
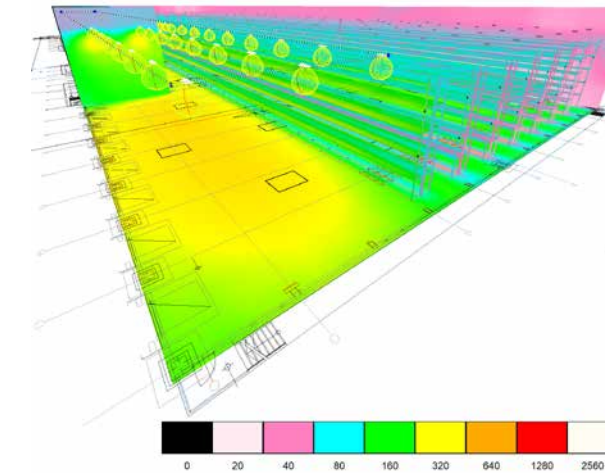
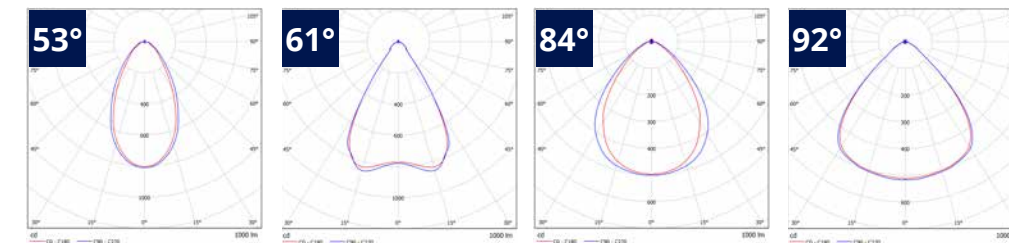


TOP 7 LIGHTING SCENARIOS

The new Duros high-bay is available with the most-requested, uniform optic distributions.

53°, 61°, 84°, 92°

Wide lighting distribution best for warehouses in picking and loading areas



BENEFITS USING DUROS

Duros is the perfect LED fixture for any high-bay applications where energy management is a key requirement. An effective and reliable solution, equipped with all the necessary features, to enable a safe and efficient working environment.



Competitive sales price



Optimized return on investment

Excellent Efficacy up to 161 lm/W



Impressive cost saving potential

RF/SN daylight and motion sensors



Project solutions

Light output up to 30klm



Perfect choice for warehouse or manufacturing environments

IP66, IK08



Efficient protection for less maintenance

L80B50 340 000 – 1 540 000 hrs



Long lifetime and high reliability

Low energy consumption



Cost savings through energy savings

Clever features reduce installation costs



Up to 50% installation saving

TUNGSRAMTM

TUNGSRAM GROUP

77. Váci út
1044 Budapest, Hungary

Tungsram.com