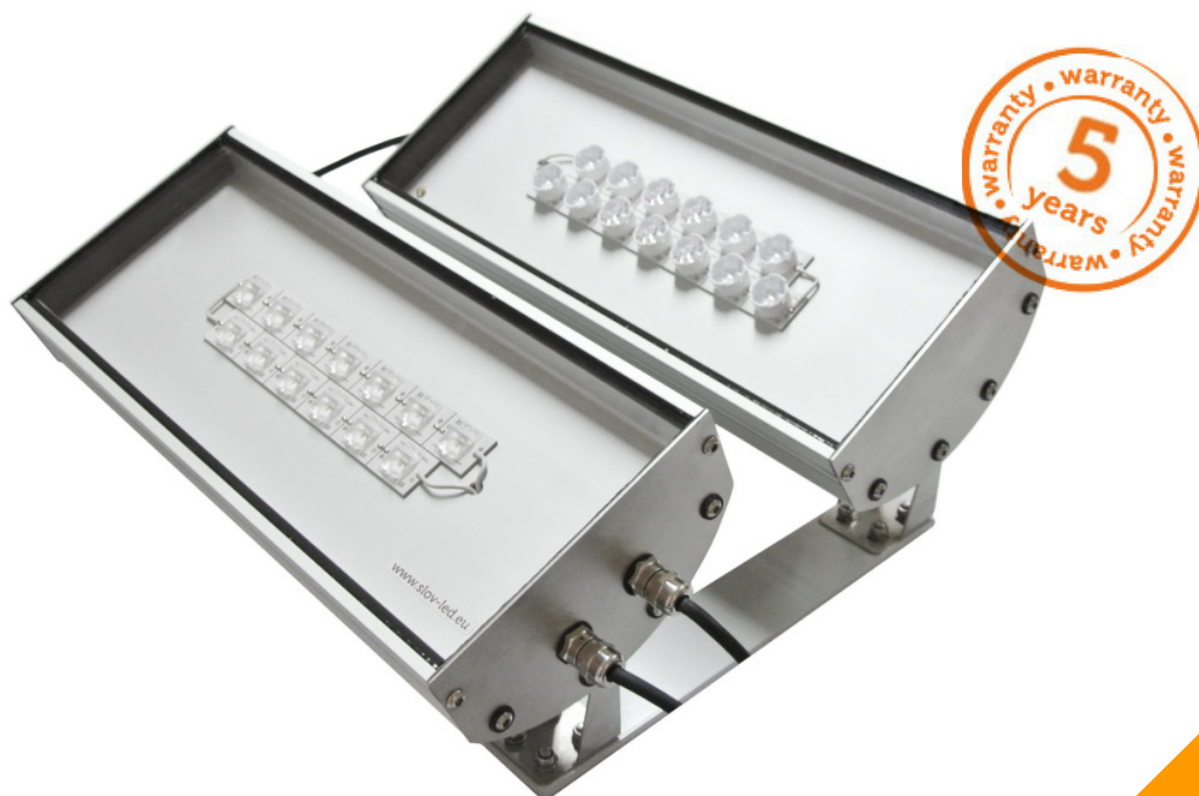




SL slim L 13 800 DUO



SL slim L 13 800 DUO



since
2003

custom
made

made in
Slovakia

warranty
5
years

NICHIA
LEDs

high
efficiency
lm/W



Usage areas

- billboards and advertising spaces, parking lots, outdoor warehouses and company areas
- sport facilities, football playgrounds, tennis courts, etc.

Product characteristics

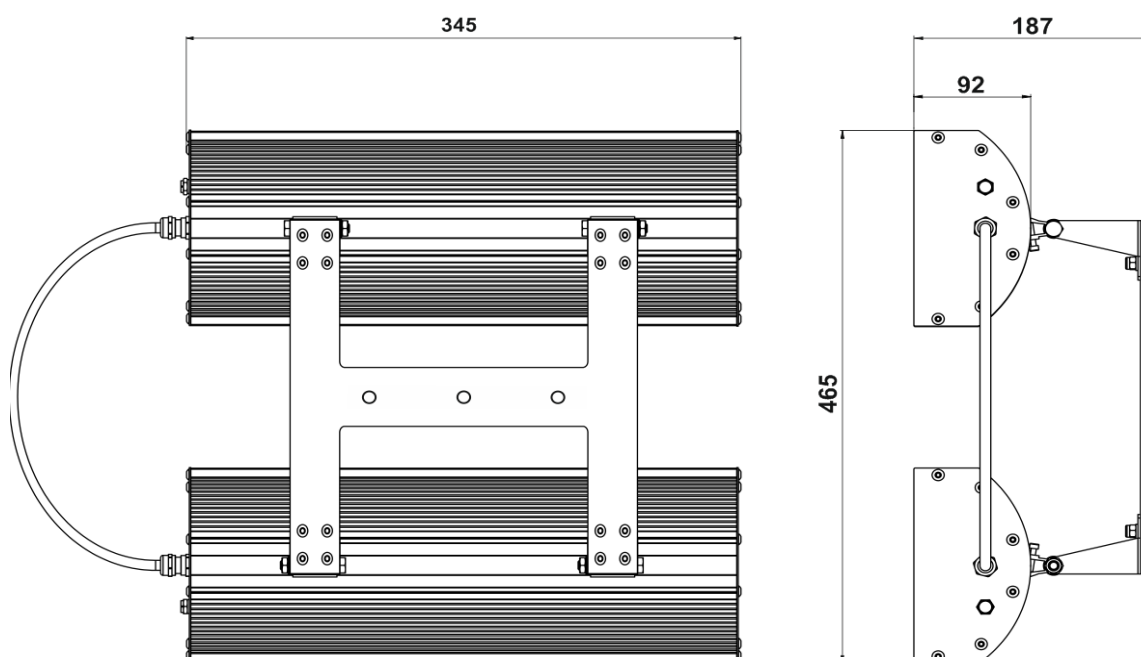
- possibility to produce a luminary with tailored beam angle, including the combination of different optics in one luminary; tailored beam angle minimize luminous smog and save your costs
- the newest generation of LED diods from japanese company **Nichia**
- high luminous efficacy up to **144 lm/W** - high energy saving
- up to **5** years warranty

Technical parameters

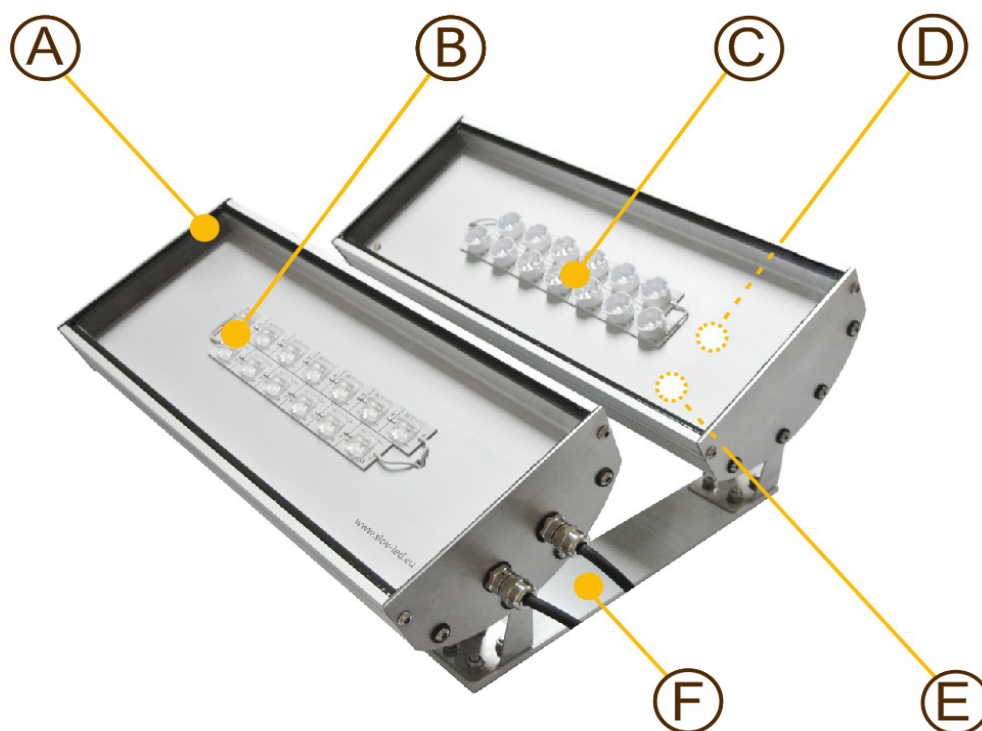
installation	holder, allows to rotate the reflector
weight	to 8,0kg
dimensions	345 x 465x 187 mm
IP protection	IP66
mechanical resistance	IK10
corpus material	aluminium, Makrolon or glass
operating temperature	from -30°C to +50°C
luminary cooling	passive, with aluminum reflector corpus
input voltage	90 V-264 V, 50/60 Hz
power factor	> 0,95
overvoltage protection	6kV
diodes input	to 80 W
luminary input	to 88 W
number of diodes	96 pcs (NICHIA, made in Japan)
beam angle	from 8 to 155° (custom-made)
lifetime	> 100 000 h / L80
color temperature	2000-6500 K
CRI (color rendering index)	70-95
diodes luminous flux*	14 150 lm (by 4500 K, CRI 70)
luminary luminous flux*	12 700 lm (by 4500 K, CRI 70)
luminous efficacy*	144 lm/W
UV and IR radiation	none
light control system	per order: DALI, 0-10VDC, 1-10VDC, PWM, WiFi, IoT and others
EAN code	8586021630676

*depends among other things also from temperature and CRI of used diodes and is in tolleration +/-10%

Dimensions



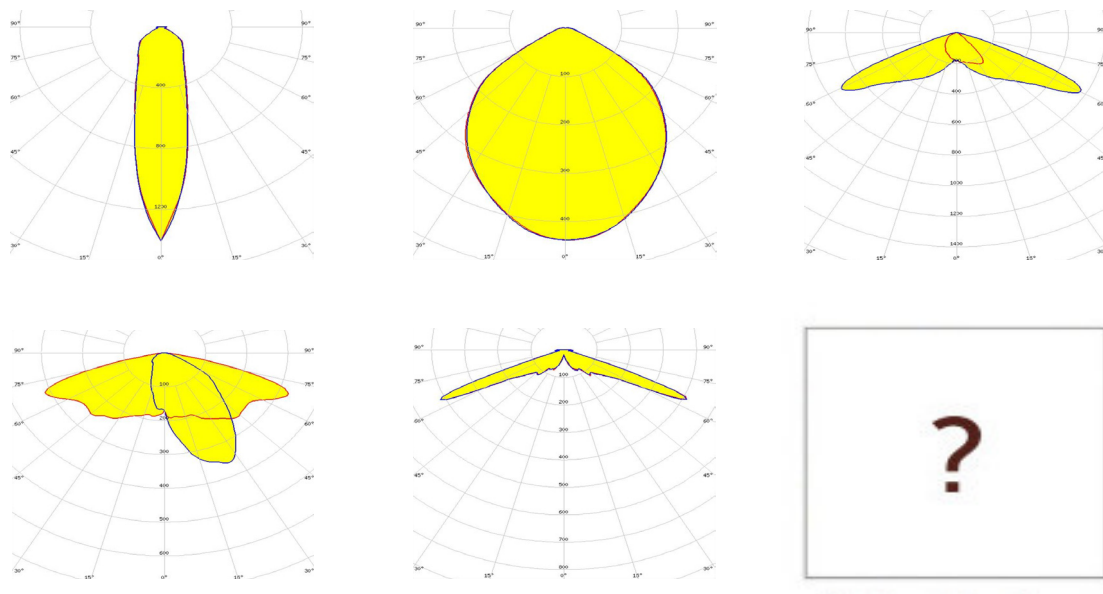
Construction



- (A) Reflector carrying part is anodized corpus from aluminum which function is to ensure good cooling of the generated heat from the LED diodes. Per order is possible to powder paint the reflector in selected RAL shade.
- (B) The lighting part of the reflector is formed by LED diodes from the japanese producer NICHIA. We offer you different color temperature and CRI. After the lifetime service there is a possibility to change used diodes. For better mechanical resistance we produce this reflector type with clear plastic Makrolon.
- (C) Great advantage of our offer is LED reflector production with tailored beam angle. We have more than 200 types of optical lenses available, thanks to them we are able to illuminate exactly the space you need. Obviousity is that combination of several optics in one reflector is possible.
- (D) In reflectors we use power supplies with high quality and are verified over the time. We offer possibility to increase overvoltage protection on 10kV. To achieve increased IP66 the power supply must be positioned directly inside the reflector.
- (E) As addition we offer the possibility to order moving sensors and light control systems– WIFI, PWM, 0-10VDc, 1-10VDc, DALI, IoT and others.
- (F) Installation is done with help of practical H-shaped holder and is turned 90 degrees (for vertical or horizontal fixation). Reflector consist of two parts, which are possible to incline independently from each other. We can produce custom-made power supply cable (230V) with reliable IP68 connector.

Optics

Tailored beam angle minimize luminous smog a saves your costs. Below we present just some of our most used optics types in our lights. We have more than 200 optics types available for exact lighting you need or wish.



Environmental protection



Ecology isn't just a slogan for us, we take ecology in the whole production process into consideration. Long lifetime and high efficiency saves markedly natural resources. Tailored beam angle minimise luminous smog and also saves costs.



Reflector construction is from recyclable material. Lifetime of the lights can be extended with light source change or power supply change, if they were deteriorated.



For production we use available common components with best quality. Quality confirmation is the above standard warranty up to 5 years.



High efficiency has of course direct relation with energy saving and natural resources saving.



LED reflector does not emit harmful UV and IR radiation, what confirms also photo-biological tests.

Thank you for your interest in our LED lights.