



INDUSTRIAL LED NEPAL

PROFESSIONAL LIGHTING

The NEPAL Led light is the ideal solution for lighting any space, especially indicated in industrial areas.



LED NEPAL

Our commitment to manufacturing high quality, industrial lighting fixtures designed, tested and certified for use in hazardous locations and adverse environmental conditions.

Our explosion proof light can be used in even the harshest indoor and outdoor conditions. If your priorities are safety, reduced maintenance costs and reliability, this product will be your best choice.

“
PROFESSIONAL
LED SPOTLIGHTS
WITH WIDE
RANGE OF
POWERS.
MAXIMUM
EFFICIENCY

”

LED FEATURES



- > **II 2G Ex eb mb IIC T6 Gb**
II 2D Ex tb IIIC T(110°C) Db

With ATEX certification, our explosion proof light can be widely used for flammable and explosive chemical materials applications. NEPAL LEDs and specially designed driver are used to ensure safety and long life.



- > **Anticorrosivo**

In harsh environments, the anti-corrosion level can reach WI2. The surface of the lamp body is treated by high-voltage electrostatic spraying, which has the characteristics of high corrosion resistance and oxidation prevention, and is especially suitable for work with a high degree of oxidation.



- > **IP66**

It incorporates a special silicone sealing ring, which has the characteristics of anti-aging, high and low temperature resistance and strong sealing performance; With high precision machining technology, the protection level of the product can reach Ip66.

LED FEATURES

> HIGH QUALITY LED

High quality stable luminous LED chip.



> ROTATION SYSTEM

Precise angle rotation
Free rotation 180 degrees



> BUILT-IN RESISTANCE

- > Surge protection
- > IP66 waterproof
- > 6KV/10KV
- > AkzoNobel coating
- > Better corrosion proof



180

Lm/W

®

TECHNICAL CHARACTERISTICS

- > **Housing:** Pure Aluminum
- > **Conductivity:** 226 W/m K
- > **LED:** Cree 3030
- > **CRI:** Ra>80
- > **SDCM:** <6
- > **Power factor:** >0.95
- > **THD:** <15
- > **Power Supply:** Meanwell
- > **Driver efficiency:** >93%
- > **Protection:** OTP, OCP, OVP, SCP
- > **Surge protection:** 6KV
- > **Waterproof:** IP66
- > **Impact test:** IK08
- > **Power:** 85-305V, 50/60Hz
- > **Operating temperature:** -40~60 °C
- > **TM21:** L90B10>50,000H

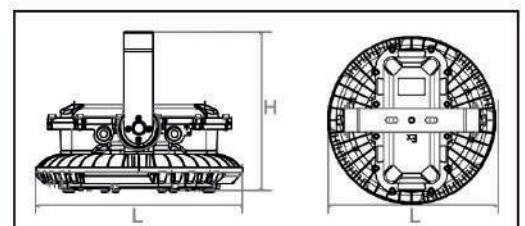
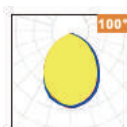


EXTRAS CUSTOM MANUFACTURING



Model	W	V	Lum	CRI	IP	Dimension
ATEXN60W-5K	60 W	85~305V	10800LM	>80	IP66	Φ356*H275mm
ATEXN80W-5K	80 W	85~305V	14400LM	>80	IP66	Φ356*H275mm
ATEXN100W-5K	100W	85~305V	17000LM	>80	IP66	Φ356*H275mm
ATEXN120W-5K	120 W	85~305V	20400LM	>80	IP66	Φ356*H275mm
ATEXN150W-5K	150 W	85~305V	24000LM	>80	IP66	Φ356*H275mm
ATEXN200W-5K	200 W	85~305V	32000LM	>80	IP66	Φ356*H275mm

OPTICS OPTIONS



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WWW.OPTIMALED.EU

OptimaLED[®] ProTour[®]

LIGHTING **EVOLUTION**

“ LEADING THE
WALK TO
A FUTURE
BRIGHT ”



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