

**HIGH
POWERED LED**



ZENVO TI

PRECISION LED FLOODLIGHTING

APPLICATION

Stadiums, High Mast Lighting, Industrial, Manufacturing, and Mining.

FEATURES

- Ultra slim, extremely light weight and compact design for ease of installation and manual handling.
- Superior design and construction, suitable for harsh industrial and coastal environments.
- Patented LED module cold forged aluminium creates higher impact strength and higher structural integrity with superior heat dissipation capability.
- NICHIA high power LED chips provides remarkable 135lm/W lumen efficacy.
- LED driver by world class INVENTRONICS average rated life cycle > 76,000hrs.
- Ultra-uniformity, low glare and low spill light effect for Sports Field Lighting applications and delivering value beyond energy savings.
- All Hardware 304 Stainless Steel with full 316 Stainless Steel available on request.



PRECISION LED FLOODLIGHTING

LIGHTING TECHNICAL DATA

LED Light Source: NICHIA
Housing Material: Diecast Aluminium
Colour Temperature: Stock available in 2700K & 5000K
 (All CCT available on request)
Average LED Life Projection: >50,000 hrs
Beam Angle: 15° / 24° / 40° / 60° / 100° & Asymmetrical
Efficacy: 135Lm/W
CRI: > 70 standard with > 80 available on request

ELECTRICAL

INVENTRONICS LED POWER SUPPLY
 Single Phase and Two Phase Drivers
Efficiency: Ultra High (Up to 94%)
Power: Full Power at Wide Output Current Range
 (Constant Power)
Voltage: 0-5V/0-10V/PWM/Timer Dimmable
Input Surge Protection: 6 kV line-line, 10 kV line-earth
All-Around Protection: OVP, SCP, OTP
Protection: Waterproof (IP67) and UL Dry / Damp / Wet Location
Safety: SELV Output

ORDER CODES

Model	Wattage	Light Colour	Lumens	Input Voltage	Weight*	Dimensions
IQZEN240-x-2700	240 watts	Warm White 2700K	32,400Lm	176-305Vac 50-60Hz	6.0kg	335 x 295 x 189mm
IQZEN240-x-5000	240 watts	Neutral White 5000K	32,400Lm	176-305Vac 50-60Hz	6.0kg	335 x 295 x 186mm
IQZEN480-x-2700	480 watts	Warm White 2700K	64,800Lm	176-305Vac 50-60Hz	15.2kg	589 x 392 x 159mm
IQZEN480-x-5000	480 watts	Neutral White 5000K	64,800Lm	176-305Vac 50-60Hz	15.2kg	589 x 392 x 159mm
IQZEN960-x-2700	960 watts	Warm White 2700K	129,600Lm	176-305Vac 50-60Hz	24.4kg	685 x 564 x 164mm
IQZEN960-x-5000	960 watts	Neutral White 5000K	129,600Lm	176-305Vac 50-60Hz	24.4kg	685 x 564 x 164mm

"x" in the model number denotes beam angle - **15 / 24 / 40 / 60 / 100** or **Asymmetrical**
 *Weights are quoted without drivers.



LED replaced HID

Old HID	replaced with	New LED
400 watts	>	240 watts
1000 watts	>	480 watts
2000 watts	>	960 watts

ENVIRONMENT

Max Junction Temperature: 150C
Thermal Management: Aluminium Heatsink
Cooling: Conduction, Convection
Operating Range Tc: -40°C to +65°C
Operating Humidity: < 95% relative humidity
IP Rating: IP66 / 67
IK Rating: IK08

INSTALLATION

Rec. Mounting Height: 240w: 6-12m; 480w: 8-30m;
 960w: 8-50m

OTHER TECHNICAL DATA

Photometric, IES files, Detailed Technical Data available on request.



*Smarter
 Lighting
 Solutions*

CONTACT US

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