



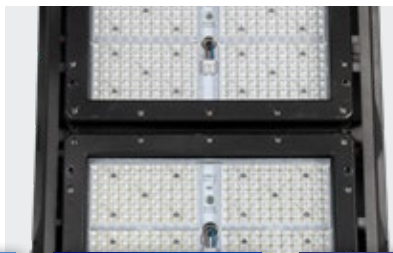
ZENVO TI

***PRECISION LED FLOOD
LIGHTING***

IQL



***HEAVY DUTY INDUSTRIAL
FLOOD LIGHTING***



TECHNICAL

Light Source	Nichia
Body	Diecast Aluminium
Colour Temperature	Stock available in 2700K & 5000K (other options and NSP Amber* available)
Average LED and Control Gear Life	>50,000 hrs
Beam Angle	5° / 24° / 40° / 60° / 100° & Asymmetrical
Efficacy	135 Lm/w
CRI	> 70 standard with > 80 available on request
Max Junction Temperature	150°C
Cooling	Conduction, Convection
Operating Range Tc	-40°C to +65°C
Operating Humidity	< 95% relative humidity
Thermal Management	Aluminium Heatsink



ELECTRICAL

Power Supply	Inventronics Led Power Supply, Single Phase and Two Phase Drivers. 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
Ingress Protection Rating	IP66
Impact Rating	IK09
Safety	SELV Output

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.

LED REPLACED HID

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

INSTALLATION

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

Model	Wattage	Light Colour	Lumens*	Weight*	Size (in mm)		
					A	B	C
ZEN240-2700-x	240 watts	Warm White 2700K	32,400Lm	6.0kg	335	295	189
ZEN240-5000-x	240 watts	Neutral White 5000K	32,400Lm	6.0kg	335	295	186
ZEN480-2700-x	480 watts	Warm White 2700K	64,800Lm	15.2kg	589	392	159
ZEN480-5000-x	480 watts	Neutral White 5000K	64,800Lm	15.2kg	589	392	159
ZEN960-2700-x	960 watts	Warm White 2700K	129,600Lm	24.4kg	685	564	164
ZEN960-5000-x	960 watts	Neutral White 5000K	129,600Lm	24.4kg	685	564	164

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



SMARTER LIGHTING SOLUTIONS

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Technical Data sheets available on request. Model appearance may vary.
 July 2020 specifications are subject to change without prior notice.



*NatureSpec wildlife safe amber light available on request