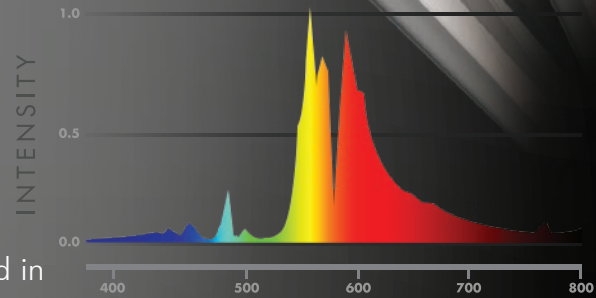# ILUMINAR™
1000W DE FIXTURE

UNISTRUT®

ILUMINAR Lighting presents the new standard for Commercial DE applications. Just a few years ago Double Ended Fixtures started gaining latitude in the indoor market. ILUMINAR is now making a considerable mark on the commercial growing market with its new DE lineup of fixtures.

The family of ILUMINAR DE fixtures that contractors, facility developers, and master growers are now demanding as a standard in their operations, now have available a 277V/ 347V/ 480V option that gives the operational flexibility to have the fixture fit their electrical requirements.

The all-new redesigned ILUMINAR DE 1000W HPS lamps deliver not only unique options and performance like 2100+ micromoles but also partner with brand options, like Hortilux and Unistrut. ILUMINAR Lamps gives the growers many emitter options to use; it is becoming the only fixture needed in most facilities.
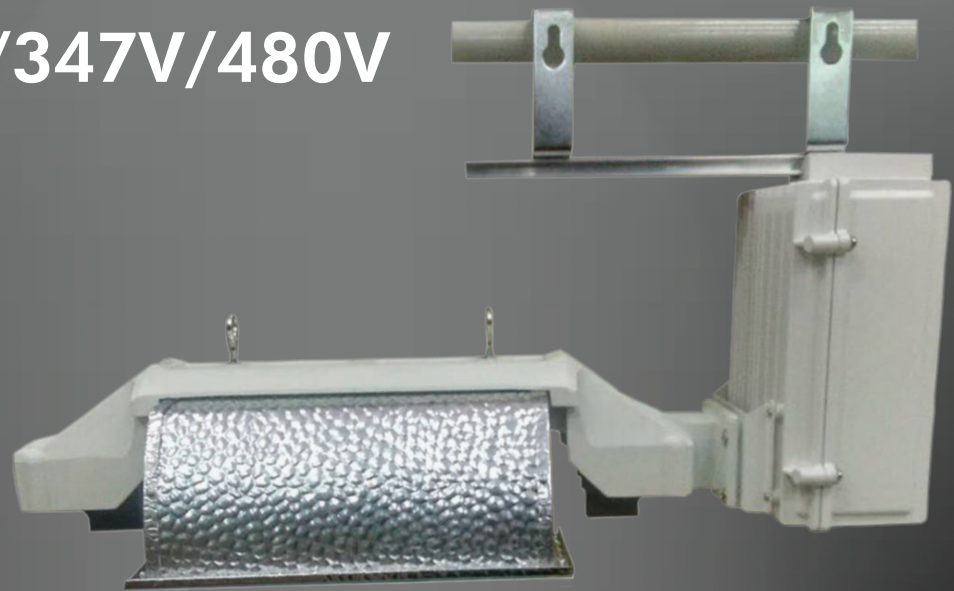
ILUMINAR Lighting product is now covering every aspect of the growing process, something no other lighting brand has done. We have paired with Grow Logic Innovation Team. The standard in products and performance will raise the bar for all other indoor manufacturers. Taking innovation and design, with the reliability of ILUMINAR Lighting; into a complete solution that now ONLY ILUMINAR can provide.

Models: 277V/347V/480V UNISTRUT

Specifications and Operational Data

TECHNICAL INFO 1000W

INPUT VOLTS (+/- 10%)	277V	347V	480V
INPUT CURRENT	3.85A	3.07A	2.17A
INPUT POWER	1045W	1040W	1031W
RATED MAIN VOLTAGE	277V	347V	480V
VOLTAGE RANGE	249-305V	312-382V	432-505V
THD	<10%		<15%

Protections

◄ Microprocessor Driven
◄ End of Lamp Life (EOL)
◄ Open Circuit Protection
◄ Ignition Failure Protection
◄ Thermal Sensing Protection

ADDITIONAL TECHNICAL INFO 1000W

TOUCH CONTROLLER	ILUMINAR Touch Controller
MIN POWER FACTOR	>.99
CREST FACTOR	<1.7
INPUT CONNECTION	IP65
INPUT FREQUENCY	48 - 63Hz
DIMMING GEAR	600 / 750 / 825 /1000 / 1150 / EXT
BTU OUTPUT	4,200 btu
RELATIVE HUMIDITY	25-70% (Non-condensing)
OPERATION TEMP.	0 - 35°C / 32-95°F
RECOMMENDED LAMP	1000W DE 400V
LAMP INCLUDED	ILUMINAR 1000W DE
LAMP BASE	K12 x 30s
PPF	2100 μmol/sec

Application Notes

Max Humidity 95%

Max Allowable Case
Temp 75°C / 167°F

Ambient Temp:
-20 -40°C / -4 -10°F

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ILUMINAR™

www.iluminarlighting.com