

EHIDALI 400W (IP65)



Input:

- Nominal Input Voltage: 220V-240V $\pm 10\%$
- Line Current 1.95A – 1.80A
- Line Power 420W
- Input Voltage Range: 198V - 264V AC
- Inrush Current: negligible
- Frequency: 50-60Hz
- Power Factor ≥ 0.985

Output- Lamp Operation:

- Lamps Power: 400W- Metal Halide & HPS
- Lamp Operation "Square wave"
- Lamps Current: 2.95A (lamp voltage 135V) / 4.0A (lamp voltage 100V) - at Power 400W
- SPR $\leq 1.50\%$
- Efficiency: driver-efficiency $>95\%$ (Full intensity)
- Dimming: MH: 65%-100% (According to lamp specification)
HPS: 35%- 100% (According to lamp specification)
- Lamp Operation freq 81Hz
- Losses: Lamp 135V- 18W Lamp 100V- 22W
- Pulse Ignition: 3.50kV..4.00kV
Max lamp to ballast distance: capacitive load 250pF

Control Modes:

- "MidNight"
- DALI

Regulations:

- Safety: EN61347-2-12
- EMC: EN55015, 61000-3-2, 61547, 61000-4-5
- RoHS: RoHS compliant

Protections:

- Output Short Circuit
- Input Over / Under Voltage
- Over Temperature
- Surge protection:
 - 4kV P/N to PE
 - 2kV P to N

Installation:

- Class I-PE connection required
- Cables IP65 housing:
 - Line (white external insulation):
 - L (phase) – brown
 - N (Neutral) – blue
 - PE (Earth) – yellow/green
 - Lamp (black external insulation):
 - Lamp HV – brown
 - Lamp NHV – blue
 - DALI (gray external insulation):
 - DALI 1 – black
 - DALI 2 – black

Case:

- IP Protection: IP65
- Ta max ("standard setup no cooling aid"): 60°C
- Tc max: 70°C
- Storage temp': -20°C to 85°C
- Storage Humidity: 5% - 95%

Mechanical Information:

Weight (including cables): 2.1Kg

