KT-LED27HID-H-E26-850-D
HID REPLACEMENT LED LAMP

DESCRIPTION

27W HID Replacement LED Lamp **I** 5000K **I** 85 CRI **I** IP64 Rated

C **UL** US LISTED   RoHS Compliant   5 YEAR WARRANTY

LAMP TYPE: HID Replacement LED	
BASE TYPE: E26 (Medium) Rotatable	
WATTAGE: 27W	
COLOR TEMPERATURE: 5000K	
METAL HALIDE EQUIVALENT: 100W	
COLOR RENDERING INDEX (CRI): 85	
WARRANTY: 5 Years	

PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- Ideal for wallpack retrofit applications
- Optimized for horizontal applications with directional light output from opening LED assembly construction
- Non-dimmable; do not dim
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup

- UL Listed; Listed on DLC QPL
- Operating temperature: -40ºC/-40ºF to 45ºC/113ºF in enclosed fixture
- Integral driver, eliminates the need for external driver or ballast; includes 4kV surge protection
- IP64 Rated; integrated heat sink quickly dissipates heat and guides water intrusion out of the lamp
- Horizontal orientation
- Suitable for use in fully enclosed fixture

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	27W	>0.9	0.23A @ 120V 0.10A @ 277V

RATED LIFE

L70 (Hours)	
50,000	

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	4100 lm
Color Rendering Index (CRI)	85
Efficacy	152 lm/W
Beam Angle	180º

SPECTRAL DISTRIBUTION

LUX DISTANCE CURVE

Height		Diameter
1.0m	85.29, 119.2lx	200.00cm
5.0m	3.412, 4.767lx	1000.00cm
10.0m	.08529, 1.192lx	2000.00cm

Beam Angle: 90.00
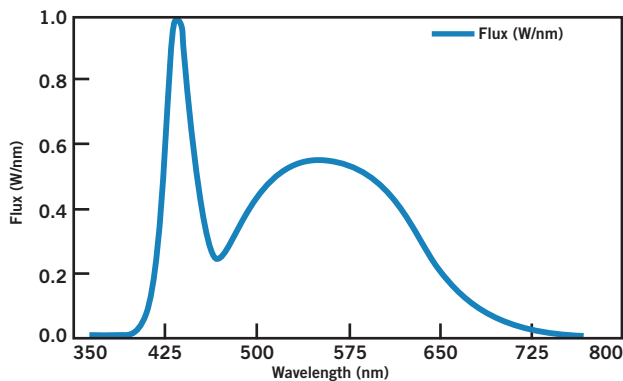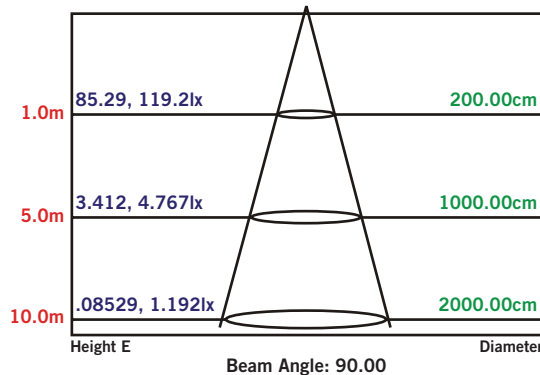
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WIRING INSTRUCTIONS

STEP 1
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.
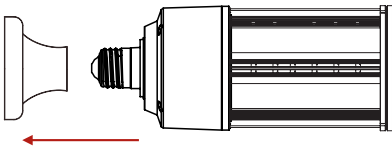
STEP 2
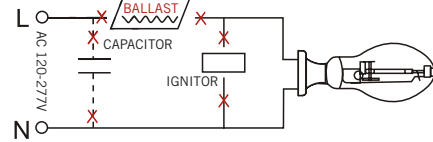Rewire for line voltage to the lamp socket.

STEP 3
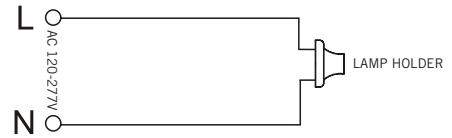Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.

STEP 4
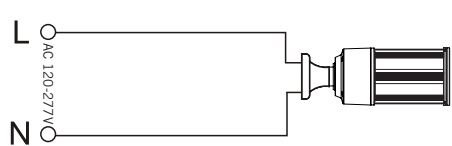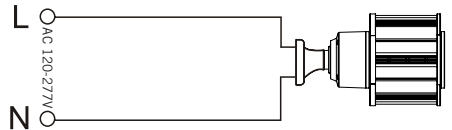Rotate lamp base and open wings accordingly toward direction of desired lumination.

STEP 1

L   AC 120-277V   BALLAST   CAPACITOR   IGNITOR

N

STEP 2

L   AC 120-277V   LAMP HOLDER

N

STEP 3

L   AC 120-277V

N

STEP 4

L   AC 120-277V

N

PHYSICAL CHARACTERISTICS

Wings Closed	Wings Open
C1 — B — A	B — A — C2
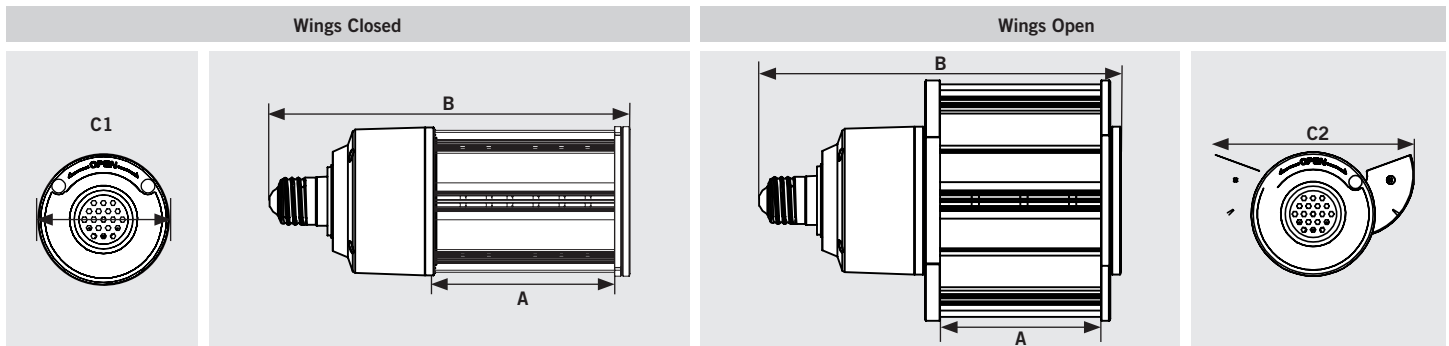
LAMP DIMENSIONS

A (Illuminated Length)	3.62"	C (Diameter)	3.23"
B (Body Length)	8.10"	C2 (Width, Wings Open)	5.26"

BASE TYPE: E26 (Medium) Rotatable

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ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED27HID-H-E26-850-D-DP	Distributor Pack (Individual Cartons)	16	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED27HID-H-E26-850-D-DP

1   **2**   **3**   **4**   **5**   **6**   **7**   **8**   **9**   **10**

1   Keystone Technologies
2   LED Lamp
3   Wattage
4   Lamp Type
5   Horizontal Orientation
6   Base Type
7   800 Series
8   Color Temperature
9   DirectDrive Series
10   Packaging Style