



## Dynasty LED Retrofit Kit

### 805HV-120W Series

805HV-120W-30K-E39  
 805HV-120W-40K-E39  
 805HV-120W-50K-E39  
 805HV-120W-57K-E39  
 (E26 Medium Base Optional)

#### FEATURES

- LED Retrofit Kit to replace MH/HPS/HID
- Suitable for enclosed fixtures
- Advanced, vortex air flow thermal management.
- ETL certified for damp locations
- Easy installation
- High quality components: Top brand LEDs / MeanWell driver / Sunon fan
- Easy, low cost maintenance and repair.

#### TYPICAL APPLICATIONS

- Shop Boxes
- Canopy Light
- Wall Pack
- Flood Light
- Street Light
- High Bay
- Low Bay

#### SPECIFICATIONS

##### PERFORMANCE

|                    |   |
|--------------------|---|
| LED Chip           | Cree / Osram / Philips                              |
| Lumen Output (IES) | 12,000 lm   |
| Power Consumption  | 120 W   |
| Efficacy (IES)     | 100 lm/W  |
| Beam Angle         | 120°  |
| Color Temperature  | 3000K / 4000K / 5000K / 5700K *                     |
| CRI                | >80   |
| Lumen Maintenance  | 50,000 hours<br>(Calculated Using TM-21 Calculator) |
| Input Voltage      | 277 / 347 / 480 VAC                                 |
| Power Factor       | >0.90   |
| Driver             | MeanWell  |
| Cooling            | Heat Sink + Sunon Fan                               |
| Certification      | ETL / cETL, CE Rohs                                 |

##### ENVIRONMENTAL

|                       |                            |
|-----------------------|----------------------------|
| IP Rating             | IP65                       |
| Operating Temperature | -40 to 55°C (-40 to 131°F) |
| Humidity              | 15% to 90% RH              |

##### PHYSICAL

|                  |                               |
|------------------|-------------------------------|
| Dimensions       | 6.9"L x 5.1"W x 1.7"H         |
| Mounting Options | E39 / E40 / E26 Screw In Base |
| Fixture Material | Aluminum Alloy                |

##### WARRANTY

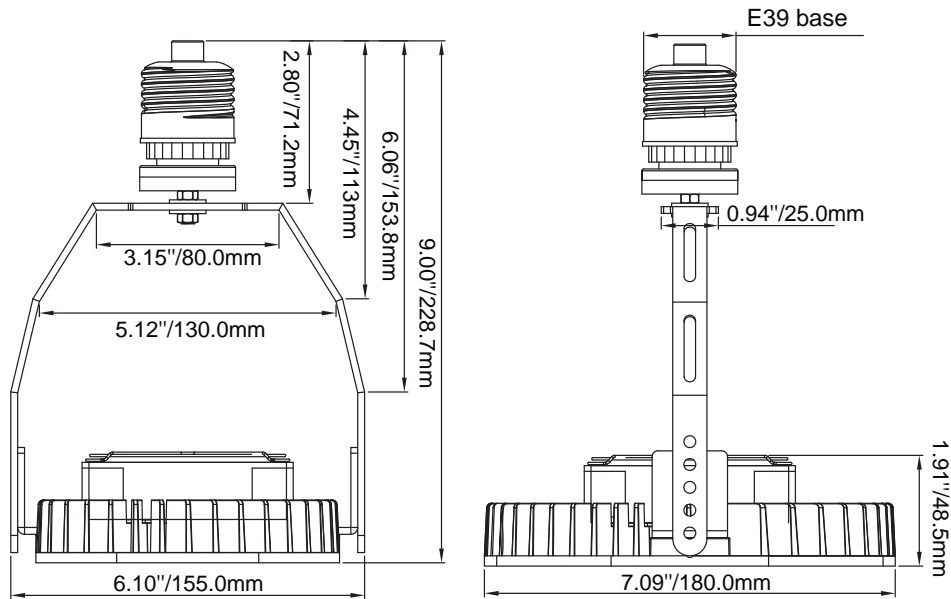
5 Years

Note: Other CCTs available upon request.

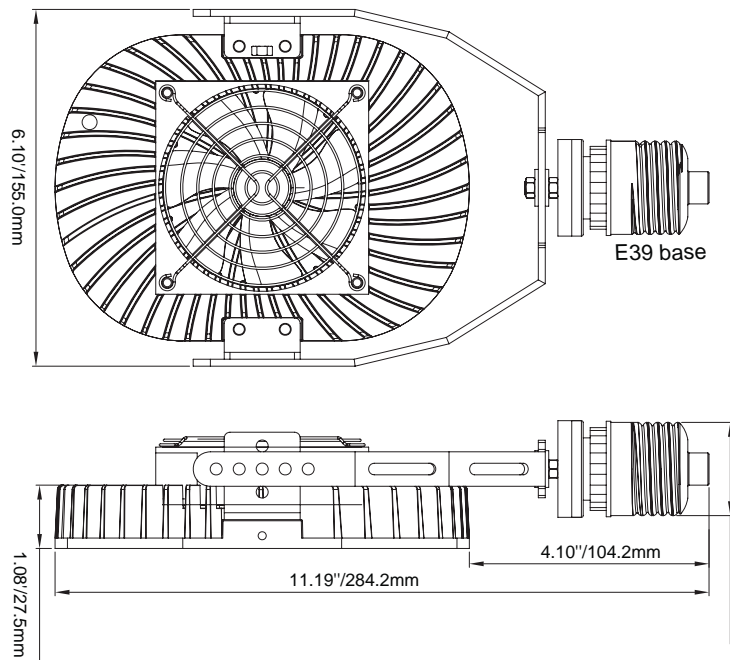


# MECHANICAL DRAWINGS

## Vertical Installation



## Horizontal Installation



# MATERIALS LIST

| Retrofit Kit Series | Power Supplies |                   |     | Accessories    |           |                    |                |            |
|---------------------|----------------|-------------------|-----|----------------|-----------|--------------------|----------------|------------|
|                     | Model No.      | Dimensions        | Qty | U Bracket Type | L Bracket | E26 to E39 Adapter | Wago Connector | Wire Cable |
| 805-35W             | LPF-40-30      | 6.40"x1.69"x1.26" | 1   | E26            | 2 pcs     | 1 pc               | 4 pcs          | N/A        |
| 805-45W             | LPF-40-24      | 6.40"x1.69"x1.26" | 1   | E26            | 2 pcs     | 1 pc               | 4 pcs          | N/A        |
| 805-65W             | LPF-60-24      | 6.40"x1.69"x1.26" | 1   | E26            | 2 pcs     | 1 pc               | 4 pcs          | N/A        |
| 805-75W             | CEN-75-24      | 7.28"x2.46"x1.59" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | N/A        |
| 805-80W             | HLG-80H-24     | 7.70"x2.42"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | N/A        |
| 805-100W            | HLG-100H-24    | 8.66"x2.68"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | N/A        |
| 805-120W            | HLG-120H-24A   | 8.66"x2.68"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | N/A        |
| 805-150W            | HLG-150-24A    | 8.98"x2.68"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | 1 pc       |
| 805-200W            | HLG-240H-24A   | 9.61"x2.68"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | 1 pc       |
| 805-320W            | HLG-320H-24A   | 9.92"x3.54"x1.72" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | 1 pc       |
| 805-400W            | HLG-240H-24A   | 9.61"x2.68"x1.53" | 2   | E39            | 2 pcs     | N/A                | 10 pcs         | 1 pc       |
| 805HV-65W           | HVG-65-24A     | 7.44"x2.42"x1.45" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | 1 pc       |
| 805HV-100W          | HVG-100-24A    | 9.29"x2.68"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | 1 pc       |
| 805HV-120W          | HVG-150-24A    | 9.65"x2.68"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | 1 pc       |
| 805HV-150W          | HVG-150-24A    | 9.65"x2.68"x1.53" | 1   | E26            | 2 pcs     | 1 pc               | 5 pcs          | 1 pc       |
| 805HV-400W          | HVG-150-24A    | 9.65"x2.68"x1.53" | 3   | E39            | 2 pcs     | N/A                | 10 pcs         | 1 pc       |

Notes:

1. The dimensions of power supplies are for casing only and do not include cable or wires.
2. The L brackets are used to connect the U bracket to LED panel.
3. The Wago connectors are used to connect all electrical wires.

# TYPICAL APPLICATIONS

## ACCESSORIES

### U Bracket & Adapter



### L Bracket



### Wago Connector



### Wire Cable



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