



PRISM NSF CLEAN HIGH BAY  
SPECIFICATION SHEET  
ECO-SY-HBDU150W-50KSV-DNCB

# Prism NSF Clean High Bay LED Light II

ECO-SY-HBDU150W-  
50KSV-DNCB

120-277

 NSF Food-Safe UFO High Bay

## KEY SPECS

### POWER

**150 / 200<sub>W</sub>**

Wattage options

### COLOR

**1<sub>CCT</sub>**

5000 K

### EFFICACY

**140-150<sub>lm/W</sub>**

System efficacy

**Prism NSF Clean High Bay** is a food-safe UFO high bay built on a streamlined die-cast housing with an integral heat sink and a sealed wide-beam optic behind a glass or polycarbonate lens, engineered so debris and liquids cannot accumulate. IP66/IP69K construction withstands high-pressure washdown, and the LED source is offered in multiple color temperatures for general or high-efficacy operation. A 0-10V dimmable driver accepts 100-277 V, 100-347 V, or 277-480 V input and dims from 100% to off, with 3/4" G-hook and safety-cable hanging installation. NSF certified, cULus wet-location listed, and DLC qualified for rebates, backed by EcoLite's 10-year non-prorated warranty.

## FEATURES

- 01 NSF certified food-safe housing
- 02 IP66 & IP69K washdown-rated
- 03 Selectable 3000/4000/5000/5700K
- 04 Up to 190 lm/W high efficacy
- 05 0-10V dimming to off
- 06 Universal 120-480 V input

Food & beverage processing

Poultry processing plants

Commercial kitchens

Manufacturing facilities



01 ORDER INFORMATION

| SKU / MODEL                | WATTAGE | CCT    | VOLTAGE |
|----------------------------|---------|--------|---------|
| ECO-SY-HBDU150W-50KSV-DNCB | 150 W   | 5000 K | 120-277 |
| ECO-SY-HBDU150W-50KSV-DSCB | 150 W   | 5000 K | 120-277 |
| ECO-SY-HBDU200W-50KSV-DNCB | 200 W   | 5000 K | 120-277 |
| ECO-SY-HBDU200W-50KSV-DSCB | 200 W   | 5000 K | 120-277 |

02 ELECTRICAL CHARACTERISTICS

| SPECIFICATION         | 150 W                                            | 200 W     |
|-----------------------|--------------------------------------------------|-----------|
| Wattage               | 150 W                                            | 200 W     |
| Efficacy (lm/W)       | 140-150 lm/W (up to 190 lm/W high-efficacy)      |           |
| Input Voltage         | 120-277 V / 100-347 V / 277-480 V (50/60 Hz)     |           |
| Operating Temperature | -40 to +45°C                                     |           |
| CRI                   | >80                                              |           |
| LED Driver            | 0-10V dimmable, dims 100% to off (NSF certified) |           |
| Beam Angle            | Wide beam                                        |           |
| Input Current @ 120V  | 1.39 A                                           | 1.85 A    |
| Lumens (5000K)        | 21,900 lm                                        | 29,200 lm |
| Weight                | 13.71 lb                                         | 17.26 lb  |

03 ACCESSORIES & MOUNTING



**TWIST-LOCK  
PHOTOCELL 120-277V**  
ECO-PC-UNV27V



**EMERGENCY  
BATTERY BACKUP 25W**  
ECO-EBB01-25WAC



**EMERGENCY  
BATTERY BACKUP 40W**  
ECO-EBB02-40WAC



**EMERGENCY  
BATTERY BACKUP 8W**  
ECO-EBB021-8WDC



REMOTE CONTROLLER  
FOR SENSOR  
ECO-HD06R



MICROWAVE SENSOR  
ECO-HD10VR-MH-1B



TWIST-LOCK  
PHOTOCELL 277-480V  
ECO-PC-HV48V



TWIST-LOCK  
PHOTOCELL 120-277V  
ECO-PC-UNV27V-207C5HP



TWIST-LOCK  
PHOTOCELL 120-277V  
ECO-PC-UNV27V-B



PHOTOCELL RECEPTACLE  
ECO-RT-3pin

04 DIMENSIONS

| MODEL                      | DIAMETER        | HEIGHT        | WEIGHT   |
|----------------------------|-----------------|---------------|----------|
| ECO-SY-HBDU150W-50KSV-DNCB | 17.08" / 434 mm | 8.4" / 213 mm | 13.71 lb |
| ECO-SY-HBDU200W-50KSV-DNCB | 17.08" / 434 mm | 8.4" / 213 mm | 17.26 lb |

Round footprint · Dimensions ±0.2" · inches [mm]

05 SAFETY WARNING

⚠ READ BEFORE INSTALLATION

- 1
- Installation must be performed by a qualified, licensed electrician in accordance with all applicable national and local electrical codes.