EcoLite™
Leader in LED Lighting

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

Prism NSF Clean High Bay LED Light II

ECO-X-SY-HBDU150W-50KSV-DNCB

120-277



KEY SPECS

POWER	COLOR	EFFICACY	VOLTAGE
150 / 200W	1CCT	140–150lm/W	120-277V
Wattage options	5000 K	System efficacy	Input voltage

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.

- Food & beverage processing
- Poultry processing plants
- Commercial kitchens
- Manufacturing facilities

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

c UL us LISTED · NSF · DLC LISTED · 10 Year Non-Prorated Warranty · IP69 INGRESS HIGH-PRESSURE · COLOR SELECT FIELD SELECTABLE

01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-X-SY-HBDU150W-50KSV-DNCB	150 W	5000 K	120-277
ECO-X-SY-HBDU150W-50KSV-DSCB	150 W	5000 K	120-277
ECO-X-SY-HBDU200W-50KSV-DNCB	200 W	5000 K	120-277
ECO-X-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-X-PC-UNV27V



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



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



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



REMOTE CONTROLLER FOR SENSOR
ECO-X-HD06R



MICROWAVE SENSOR
ECO-X-HD10VR-MH-1B



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



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



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



PHOTOCELL RECEPTACLE
ECO-X-RT-3PIN

04 DIMENSIONS

MODEL	DIAMETER	HEIGHT	WEIGHT
ECO-X-SY-HBDU150W-50KSV-DNCB	17.08” / 434 mm	8.4” / 213 mm	13.71 lb
ECO-X-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.