Pres-sure Light LED High Bay
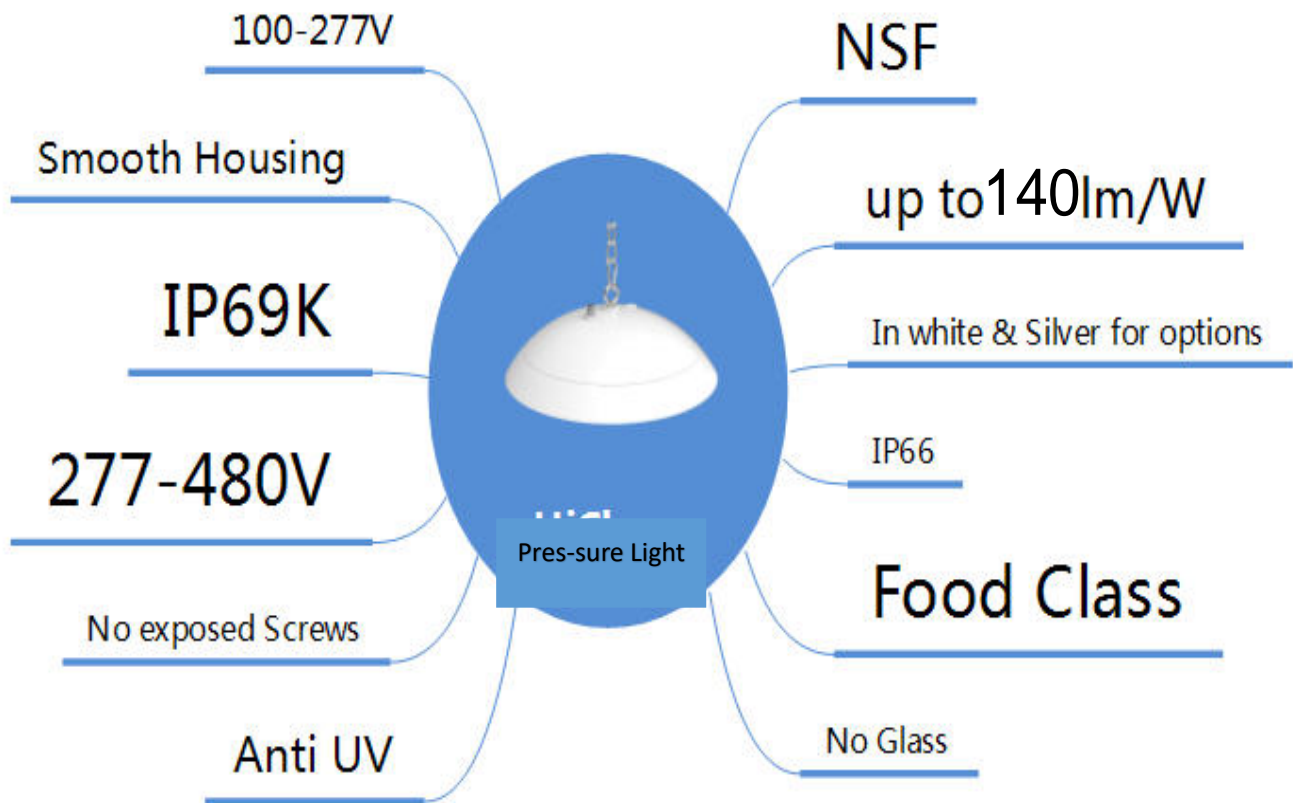
CPS-PSL Series

CPS-PSL-100W-UL-50,

CPS-PSL-150W-UL-50, CPS-PSL-200W-UL-50

Highbay featuring NSF certification for Food Processing Applications.

Part 1. Quick

100-277V

Smooth Housing

IP69K

277-480V

No exposed Screws

Anti UV

NSF

up to140lm/W

In white & Silver for options

IP66

Food Class

No Glass

Pres-sure Light

✓ **High efficacy, up to 140lm/W.**

✓ **Voltage: 100-240VAC, 100-277VAC and 277-480VAC;**

✓ **Food Processing = NSF + IP66/IP69K + Smooth outline + No glass + Anti UV...etc**

✓ **7-year warranty**

✓ **Optics can be replaced easily: 50°/60°, 90° and 120°.**

✓ **Multiple installation: hook mounting, bracket mounting, pipe mount.**

✓ **Intelligent control: DALI control,1-10V dimming control.**

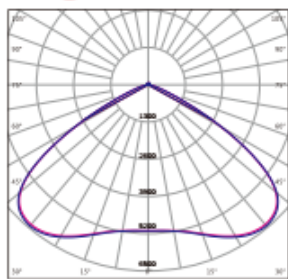✓ **Full certificates: UL, DLC, NSF.**
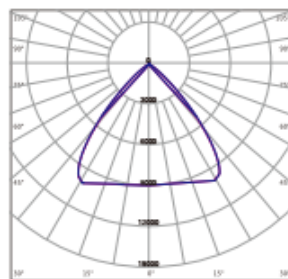
Part 2. Specification

Part 3. Optics and Accessories

3.1. Optics
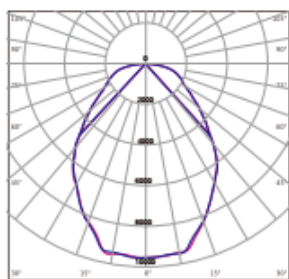
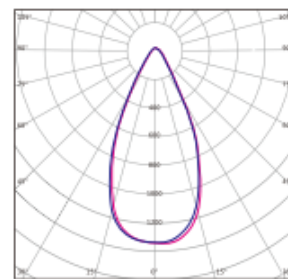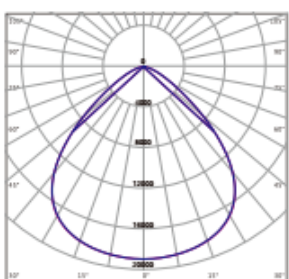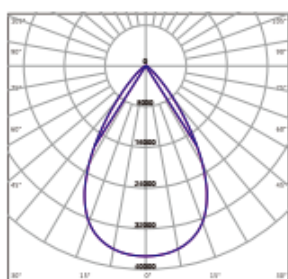
H00C02

H25201

H25202

H25203

H53201

H53202
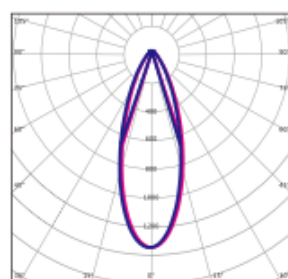
H53203

3.2. Installations

Hook mount
CPS-HM

Pipe mount
CPS-PM

Bracket mount
CPS-BM

3.3. Reflectors

PC Lens

PC Reflector

Aluminum Reflector

Aluminum Reflector

Part 4. Certifications for food processing applications

4.1. NSF

NSF International (NSF) is a not-for-profit, independent, third party certifier of products and systems for conformity with consensus and official regulations and specifications, industry standards, and product specific test protocols.

Public health officials and other regulatory agencies recognize NSF's formally registered trademark. NSF Certified models help make it easy to maintain sanitary conditions in your facility.

4.2. IP69K

Test according to the standard of IEC 60529:2013 Degrees of protection

1. Personal protection.

2. The protection of electrical equipment to prevent the entry of solid matter, including dust.

3. The protection of electrical equipment to prevent damage to the equipment caused by water.

Tests Summary					
№	Name of sample	Test item	Test standard	Judgment	Test details
1	LED High Bay Light	IP6X	IEC 60529:2013	P	Page 5
2		IPX9K	ISO 20653:2013	P	Page 6

1.3 Test results

Name of sample	Sample code	Test result	Judgment
LED High Bay Light	1-1	The probe can't penetrate the enclosure. No deposit of dust is observable inside the enclosure.	P

Part 5. Material & Structure for food processing applications

5.1. Material

5.1.1 No toxic chemicals in material.

5.1.2 Safe Polyester powder coating surface treatment

Making the lamp to be good looking, corrosion-resistant and anti-aging.

5.1.3 No glass

Pres-sure light uses a PC cover instead of glass, which brings an ultra-high safety performance.

(preventing shards falling into foods in processing plants).

Epoxy resin powder coated, safe for its environment

5.2. Structure

5.2.1 Smooth body

Greatly diminish dust and water accumulation.

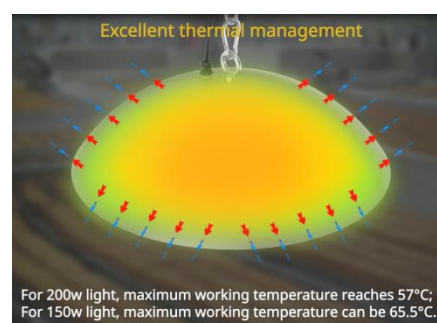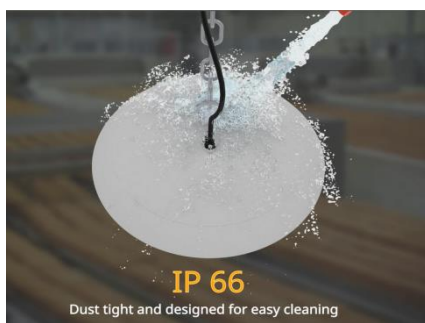### 5.2.2 IP66 Rated ash down fixtures

Pres-sure Light has a Sealing and Stable structure with the ability to withstand jets of water up to 1600 Psi daily directly.

5.2.3 No exposed screws

All the screws are well-hidden by nontoxic silicone parts, protecting the foods well away

from dropping metal accessories.

5.2.4 Excellent Thermal Management

Thermal management solution without the traditional external finning whilst maintaining the

highest led and optical efficiency was a considerable challenge.

IP 66
Dust tight and designed for easy cleaning

Excellent thermal management

For 200w light, maximum working temperature reaches 57°C;
For 150w light, maximum working temperature can be 65.5°C.

Colors - (White-stocked, silver -special order)

Applications

*Food processing and handling   *Poultry and meat processing

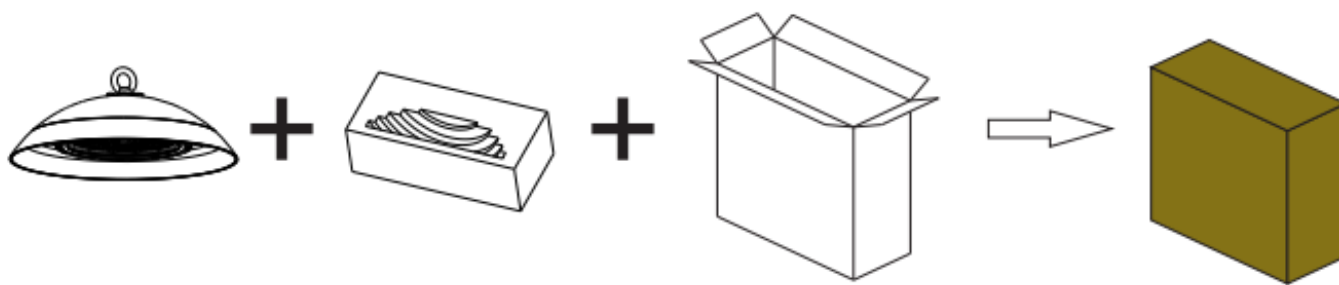*Beverage processing   *Grain and sugar processing

*Chemical facilities   *Pharmaceutical plants

*Pet-food production

Packaging information

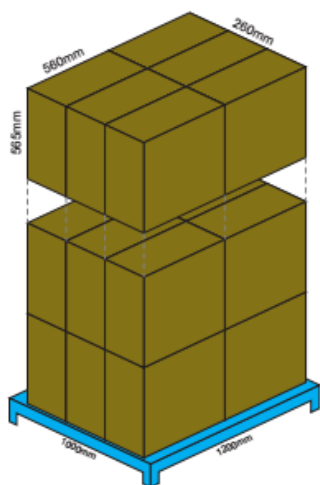| Model	Dimensions (mm)	QTY/CTN	N.W (kg)	G.W (kg)
CPS-PSL-100W-UL-50	560x260x565	1	7.4	9.1
CPS-PSL-150W-UL-50	560x260x565	1	7.5	9.3
CPS-PSL-200W-UL-50	560x260x565	1	7.5	9.3

Legend:

Pallet
Size:1200mm*1000mm*120mm

Package
Size/G.W.: 560mm*260mm*565mm/8.8KG

NOTE: 6 PCS for each layer

PH: (843) 407-6803
FAX: (843) 407-6891
EMAIL: sales@cpsled.com
WWW.CPSLED.COM

ORDERING INFORMATION

Series	Wattage	Voltage	Kelvin	Mounting	Housing Color	Options
CPS-PSL	100W	**UH-** 480 V	40	HM- Hook Mount	**W-** White	PC Lens (included)
	150W	**UL-** 110/227 V	50	CM- Conduit Mount	**SL-** Silver	PC Reflector
	200W			BM- Bracket Mount		Aluminum Reflector