Single Panel High Bay Series

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The **Single Panel High Bay Series** is a high-efficiency industrial lighting solution designed for warehouses, factories, gymnasiums, and large commercial spaces. Featuring a single-panel design, it delivers bright and uniform illumination with high energyefficiencyforhigh-ceiling applications. **Built for reliable long-term performance, it ensures consistent lighting output across demanding environments.**

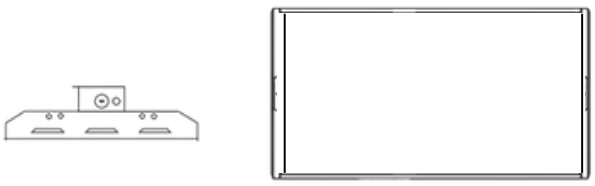
Rated for high ambient temperatures up to 122°F, with low starting temperature capability **down to -4°F**,ensuringstableoperationinharshconditions.Designed for even lighting distribution with a **120° beam angl**e, it provides wide and uniform coverage across large areas.

Key Features — Single Panel High Bay

- High-efficiency LED single-panel design
- 5000K daylight color temperature
- High lumen output for industrial applications
- 0–10V dimming compatible
- 120–277V wide voltage input
- CRI 80+ for consistent color rendering
- 120° wide beam angle for even illumination
- Durable aluminum housing for heat dissipation
- Suitable for warehouses, factories, gyms, and commercial spaces

	115W	155W	210W	4ft 300W
Color Temp.	5000K	5000K	5000K	5000K
Wattage	115W	155W	210W	300W
Lumens	17250LM	20925LM	28350LM	40500LM
Voltage	120-277V	120-277V	120-277V	120-277V
Dimming	0-10V	0-10V	0-10V	0-10V
CRI	80+	80+	80+	80+

Dimension



Item Number	Length X Width X Height
115W	16.5"x10.2"x3.1
155W	27.4"x12.9"x5.88"
210W	24.4"x17.3"x3.64"
300W	45.9"x12.9"x3.64

Website: www.mwledlighting.com Email: Info@mwledlighting.com Location: 15250 Stafford St, City Of Industry, CA91744

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Technical Summary

Item Number	Description	Wattage	Lumens	Color Temp.	Voltage	CRI	Dimming
MHBS23-115W-50K	115W Single panel High Bay	115W	17250LM	5000K	120-277V	80+	0-10V
MHBS23-155W-50K	155W Single panel High Bay	155W	20925LM	5000K	120-277V	80+	0-10V
MHBS24-210W-50K	210W Single panel High Bay	210W	28350LM	5000K	120-277V	80+	0-10V
MHBS43-300W-50K	4ft 300W Single panel High Bay	300W	40500LM	5000K	120-277V	80+	0-10V

Construction

- Heavy-duty aluminum housing for superior thermal management
- Single-panel structure for efficient heat dissipation and compact design
- Durable construction for industrial environments
- Designed for long-term reliability and stable performance

Driver

- Integrated high-performance LED driver
- 120–277V wide voltage input
- Supports 0–10V dimming
- Stable, flicker-free, and energy-efficient operation

Optics

- High-efficiency LED array for bright and uniform illumination
- Wide 120° beam distribution for large-area lighting
- Available in 5000K daylight color temperature
- CRI 80+ for reliable color rendering
- Low-glare illumination for commercial and industrial applications

Mount

- Suitable for suspended high bay installations
- Designed for warehouses and industrial facilities
- Secure mounting system for high-ceiling environments
- Ideal for commercial and large open-area applications

Box Included

Hook and Chain

Website: www.mwledlighting.com
Email: Info@mwledlighting.com
Location: 15250 Stafford St, City Of Industry, CA91744

MWLIGHTING

Project Name:	
Prepare By:	
Date:	
Contact/Phone:	

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Accessories (SOLD SEPARATELY)

Emergency Backup
8W/18W/32W

Motion Sensor

Swivel Angle Connect

Surface Mount High Bay Kits

	Item Number	Description
	MHBS23-115W-50K	115W Single panel High Bay
	MHBS23-155W-50K	155W Single panel High Bay
	MHBS24-210W-50K	210W Single panel High Bay
	MHBS43-300W-50K	4ft 300W Single panel High Bay

Accessories (SOLD SEPARATELY)

	Item Number	Description
	RBHV-8W-EM-170V	8W With 170V Output
	RBHV-18W-EM-170V	18W with 170V Output
	RBHV-32W-EM-170V	32W with 170V Output
	ANT-6-4T	12-24V plug in PIR Sensor
	ANT-5-16B	Swivel Angle Quick Connect Socket
	SMK-ETLB6	155W/170W/210W Surface Mount High Bay Kits
	SMK-ETLB7-4L	155W/300W Surface Mount High Bay Kits
	SMK-ETLB7-6L	210W Surface Mount High Bay Kits