

Product # _____ Type _____ Date _____

Project Name _____

Project Location _____ Prepared By _____

IWL LED Highbay

The IWL LED High Bay has been engineered to efficiently light any large interior space such as warehouses and heavy industrial settings, gymnasiums, churches, swimming pools/natatoriums and shopping malls. It's low profile and light weight design easily adapts to any environ with multiple mounting configurations. IWL provides specification grade optical performance using high efficacy LED and high power factor LED drivers.

Housing

- Low copper, corrosion resistant, die cast aluminum construction.
- One-piece silicone gasket ensures water-tight and dust-tight construction. All external hardware is 316 Stainless Steel.

Optics/Lens

- Optical chamber contains high transmittance clear tempered glass lens sealed (IP66) with silicone gasket. Ultra high efficiency optics provide narrow, medium and wide distribution types.
- Optically clear plastic lens available as factory installed option for food service or food processing applications or as specified.

Electrical

- High power LED source, with performance of up to 140 lumens per watt. Available in range of color temperatures 3000K-5000K, CRI of 70 or greater. 2700K and 80+ or 90+ CRI available on request.

LED Drivers

- UL/CSA recognized component to meet UL8750 & EN61347 (USR/CNR -E328335). Suitable for input power at 120-277VAC. Minimum power factor >0.95. Integrated 10kV/5kA surge protection device. Operating Temp. -22°F to +132°F (-30°C to +55°C)
- Available Dimming options include: 0-10V DALI or DMX512.



Finish

- Standard finish is high gloss black powder coat heat-radiative coating, anti-corrosion, anti-UV paint. Rated to 55C ambient.

Warranty and Certifications

- 5 Year Limited Warranty 50,000 hr. L70 LED Illumination per LM-80 standards. UL listed in compliance with UL 1598 and CSA C22.2 NO. 250.0 standards. Suitable for indoor/outdoor wet (IP65) or damp location use. DLC approved. Assembled and tested in the USA.

Ordering Guide

MODEL	TOTAL LED POWER	CCT COLOR TEMP	LIGHT BEAM SPREAD	INPUT VAC	LIGHTING CONTROL	MOUNTING
IWL	200	CW	30	U	ND	CM
IWL	100 = 100W 14,000 lumens	CW = 5000K	30 = 30° beam	U = Universal	ND = Non Dimming, standard	CM =
	120 = 120W 16,800 lumens	NW = 4000K	60 = 60° beam	110V to 277V	DM = Dimming 0-10V	Ceiling mount
	150 = 150W 21,000 lumens	WW = 3000K	90 = 90° beam	34 = 347V	DL = DALI dimming interface	HK =
	200 = 200W 28,000 lumens	27K = 2700K	120 = 120° beam	48 = 480V	MS = Motion sensor	Hanging hook
	240 = 240W 36,000 lumens				DMX = DMX512 dimming	SM =
						Stem mount

Note: Due to continued efforts to improve our products, specifications are subject to change without notice.

Standard CRI is 70+. To specify different CRI insert after CCT in catalog logic: 80+, 90+

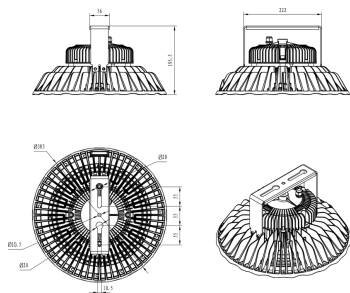
Standard Finish: BLK = Black Paint, WHT = White Paint
Other Finishes available on request, use CC = Custom Color



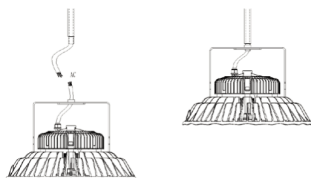
835 Industrial Drive, Elmhurst, IL 60126 708.681.4330 www.nslights.com

IWL LED Highbay

WM - Wall Mount



SM - Stem Mount



CM - Ceiling Mount

