



JPRHB-NID SERIES IP67 & NATATORIUM RATED PREMIUM ROUND HIGH BAY WITH UPLIGHT OPTION



Integrated Wireless Mesh Network,
Motion Sensor, and Daylight Sensor

PRODUCT DESCRIPTION

The JPRHB-NID Series of Natatorium Rated Premium High Bays are equipped with a plug-and-play sensor option. The user can easily scale the luminaire from an ordinary fixture to an intelligent fixture in three seconds.

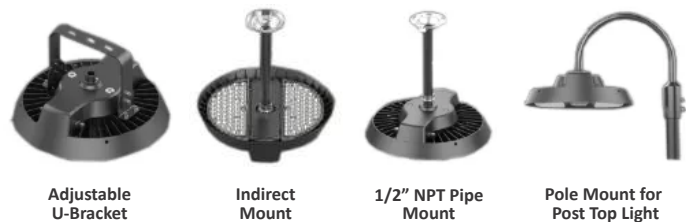


The JPRHB-NID has a plug and play motion sensor with automatic dimming capabilities and on-demand lighting. Equipped with a wireless daylight sensor option, the daylight harvesting automatically regulates the use of the electric lighting in response to the amount of daylight available.

PRODUCT FEATURES AND CONSTRUCTIONS DETAILS

- Ingress Protection: IP67 Rated
- Impact Resistant: IK10 Rated
- Housing Construction: Cast Aluminum with stainless steel screws and with AkzoNobel Powder Coat Painting Durable for Harsh Conditions
- Corrosion Resistant: 168 Hours of Salt Spray Testing per ASTM-B117-73
- Occupancy Sensing: Results in energy savings from 15-50% annually.
- Auto Scheduling: with Smart Sensor updates to the schedule can be done right from a smart device
- Task Tuning: Programming the output of an individual or group of luminaires to the level that provides just the right amount of light for the space.
- Daylight Harvesting: regulates the lighting in response to the amount of daylight available
- Load Shedding: Temporarily reduces the load of a system to avoid energy costs when they are at their highest.
- Zoning and Group Control: Group Luminaires and form unique control zones
- 1/2" Threaded hole for pendant mounting

OTHER OPTIONS FOR MOUNTING AVAILABLE



Adjustable U-Bracket

Indirect Mount

1/2" NPT Pipe Mount

Pole Mount for Post Top Light

PERFORMANCE SUMMARY

Input Power:	75W, 100W, 120W, 145W, 180W
Efficacy:	up to 180 Lms/w
CCT:	3000K, 4000K, 5000K
CRI:	>73 standard (>80 optional)
Input Voltage:	100-277VAC and 249-528VAC
Controls Options:	Motion Sensor, Daylight Sensor, Zigbee Mesh Network, Dali Driver Option, App Controlled
Lifetime Based on TM21:	L70 ≥ 174,000 Hrs / L80 ≥ 129,000 Hrs / L90 ≥ 81,000 Hrs
Certifications & Compliance:	IP67 / IK10 / ASTM-B117-73 Corrosion Testing
Warranty:	10 years Limited

CERTIFICATIONS AND COMPLIANCE



CONTROLS AND NETWORK CAPABILITIES

Automatic Dimming and On-Demand Lighting

Nighttime: Even Light Distribution

Daytime: Lower Light Distribution by windows



**Factory Installed Option
UPLIGHT KIT
Eliminates dark
Ceilings and Corners**

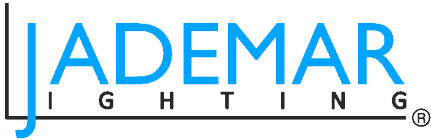


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SPECIFICATION SUBMITTAL DETAIL



Project Name/Type:		Date:
Catalog/Part #:		

JPRHB-NID SERIES IP67 & NATATORIUM RATED PREMIUM ROUND HIGH BAY

ORDERING INFORMATION / Example: **JPRHB-NID-H-30K-120D-SSM-PP-UB-BK-NTLC-277V**

Product	Input Voltage	CCT	CRI	Light Distribution	Controls & Dimming	Mounting Options	Finish	Accessory Options
JPRHB-NID-75W-HE JPRHB-NID-100W-HE JPRHB-NID-120W-HE JPRHB-NID-145W-HE JPRHB-NID-180W-HE	Blank (100-277VAC)	30K (3000K) 40K (4000K) 50K (5000K)	Blank (70 CRI)	120D (120° PC Optic) Standard AISLE (50°x100° Aisle Optic) 60D (60° PC Optic) 90D (90° PC Optic) F120D (PC Frosted Lens Cover 120-Degree)	Blank (0-10V Dimming) Standard DALI (DALI Driver) DS (Daylight Sensor) SM* (Sensor Socket Module/ Plug- N-Play Enabled)	Blank (Open-Eye Hook Mount) UB (Adjustable U-Bracket Mount) IM (Indirect Mount) NPM (NPT Pipe Mount) PM (Pole Mount) MJBOX-1/2 (Metal j-box with 1/2 inches conduit) MJBOX-3/4 (Metal j-box with 3/4 inches conduit)	BK (Black) Standard WH (White) Special Order	UL (Uplight Option) NPP (NEMA Power Plug) CC (IP68 Power Cable Connector) 3F (Additional 3FT Power Cord) N120 (NEMA Twist Lock Connector 15A 120VAC) N277 (NEMA Twist Lock Connector 15A 277VAC) SPU (Surge Protection Device 100-277VAC 20KW) SPH (Surge Protection Device 200-480VAC 20KW)
JPRHB-NID-75W JPRHB-NID-100W JPRHB-NID-120W JPRHB-NID-145W JPRHB-NID-180W	H (347-480VAC)		80 (80 CRI)					

* SM (Sensor Socket Module/Plug-N-Play) must be included in the ordering SKU if needed; this cannot be field installed.

FIELD INSTALLED OPTIONS

JPRHB-NID-AR	Aluminum Reflector
JPRHB-NID-PRDL	Prismatic Reflector & Drop Lens
JPRHB-NID-PCR	PC Reflector
JEMBBU-25	External Li-ion EM pack 25W
JEMBBU-40	External Li-ion EM pack 40W

JPRHB-NID-SC	Safety Chain
JPRHB-NID-CC	Cable Connector
JPRHB-NID-NPTC	NPT Converter 1/2" to 3/4"



ELECTRICAL & PERFORMANCE DATA TABLE

Product Number	JPRHB-NID-75W	JPRHB-NID-100W	JPRHB-NID-120W	JPRHB-NID-145W	JPRHB-NID-180W
Nominal watts	75W	100W	120W	145W	180W
Nominal Efficacy (lm/W)	155	145	142	145	140
Lumen Output	10800	14500	17000	21000	25200
Product Number	JPRHB-NID-75W-HE	JPRHB-NID-100W-HE	JPRHB-NID-120W-HE	JPRHB-NID-145W-HE	JPRHB-NID-180W-HE
Nominal watts	75W	100W	120W	145W	180W
Nominal Efficacy (lm/W)	182	170	170	170	170
Lumen Output	12750	17000	20400	24650	30500
Input Voltage	100-277VAC or 277-480VAC				
CRI	>73 (>80 Optional)				
Power Factor	>0.95				
CCT	3000K / 4000K / 5000K				
Standard Control Specification	1-10VDC Dimming				
Beam Angle/Field Angle	60° / 90° / 120°, Aisle Optic 50° x 100°				
Lifetime Based on TM21	L70 ≥ 174,000 Hrs / L80 ≥ 129,000 Hrs / L90 ≥ 81,000 Hrs				
Ambient Working Temp	-25°C to +55°C (-13°F ~ +131°F) Ambient				
Certifications & Compliance	ETL / RoHS / IP67 / IK10 / ASTM-B117-73 Corrosion Testing				
Limited Warranty	10 Years Limited				



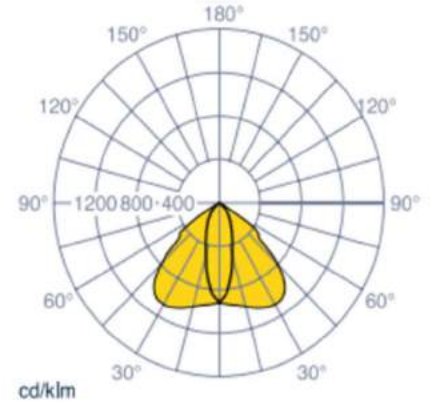
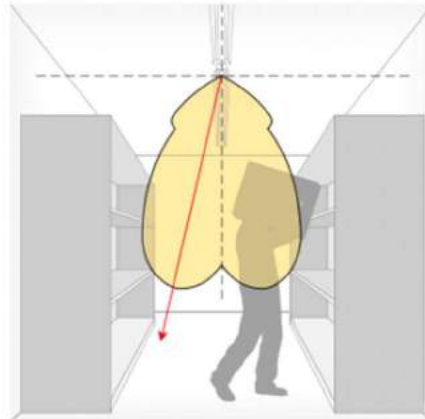
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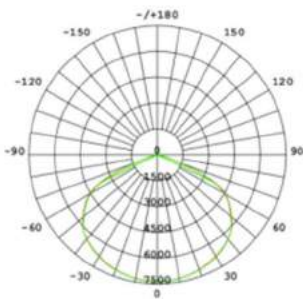
AISLE OPTICS

Suitable for storage spaces, warehouses or retail with narrow spaces between racks.

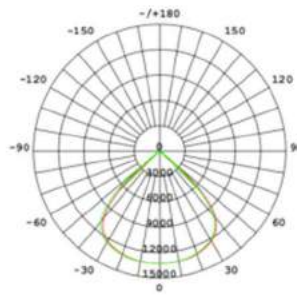


Wide, Medium, Narrow, and Dome Lens options offer versatility.

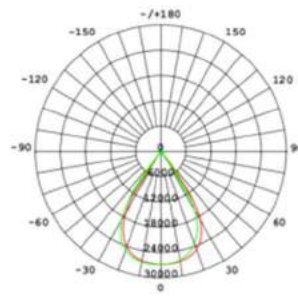
Snap-On design lens can be replaced easily for different applications.



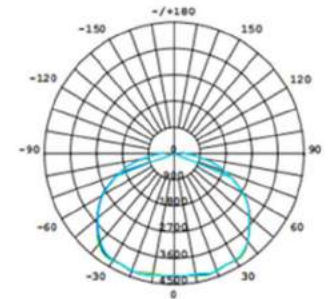
120° Wide Angle
for Factories/Gymnasiums,
and Athletic Centers



90° Medium Angle
for Large Open Areas



60° Narrow Angle
for Highly Installed Areas
or Narrow Areas



Dome Lens

PRODUCT DIMENSIONS



Ø13.8"

