

Columbia
LIGHTING



Echelăn ECH

HIGH PERFORMANCE HIGH BAY



Current®

Echelăn ECH

High Performance Linear High Bay

The ECH is an industry-leading specification high bay providing superior performance and reliability.

Optical Performance

Robust diffuse optics are impact resistant and available in Narrow, Wide, or Aisle distribution options to deliver the right amount of light for your design requirements.

Ease of Installation

Industrial design delivers a small, lightweight fixture for ease of installation.

Uplight

Uplight options available to illuminate ceiling and eliminate potential cave effect.

Extensive Lumen Range

Wide lumen range (up to 60K) to accommodate various ceiling heights, fixture spacings, and specifications

Industry Leading Efficacy

Electrical architecture delivers industry leading efficiencies (up to 201 LPW) that translate into lowest life cycle cost.

Integrated Sensor Capabilities

Integrated sensor options for code compliance, grouping of fixtures, increased energy savings, and connection to NX Lighting Controls systems.

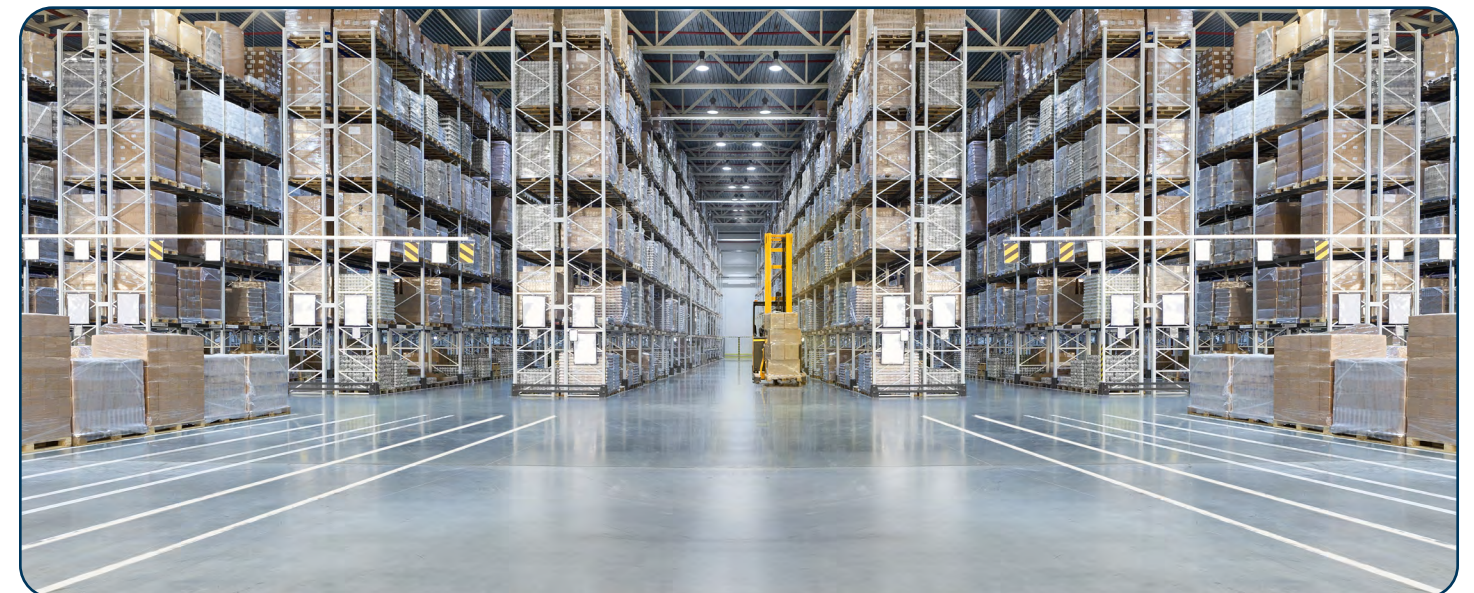


Available with NX Connect® integrated controls which can be customized using the NX Connect app.



APPLICATIONS

Echelăn ECH High Bay luminaires are ideal for a wide variety of industrial applications including warehouse and distribution centers, gymnasiums, big box retail, grocery, and manufacturing.



PERFORMANCE

INDUSTRY LEADING EFFICACIES

Electrical architecture delivers industry leading efficacies (up to 201 LPW) that translate into lowest cost cycle.

WIDE LUMEN RANGES

Scalable design provides versatility for various ceiling heights, fixture spacings and specifications.



Size 1

9,000 - 24,000 lm
13.75" L x 10.88" W x 3.46" H
Max Weight: 10 lbs



Size 2

30,000 - 48,000 lm
27.30" L x 10.88" W x 3.60" H
Max Weight: 20 lbs

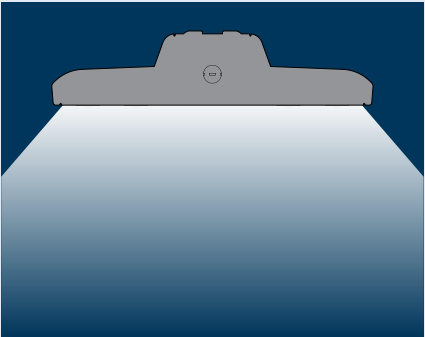


Size 3

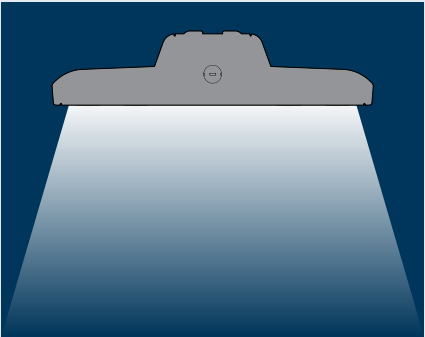
60,000 lm
27.30" L x 15.58" W x 3.60" H
Max Weight: 22 lbs

OPTICS

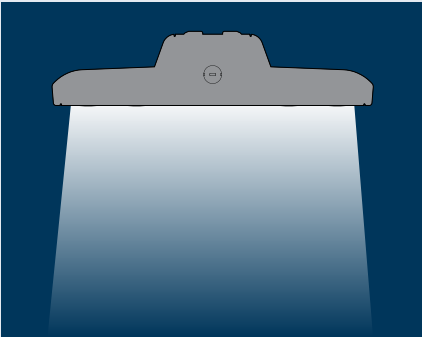
Durable diffuse optic lens options in three distributions are IK10 rated and field changeable for flexibility.



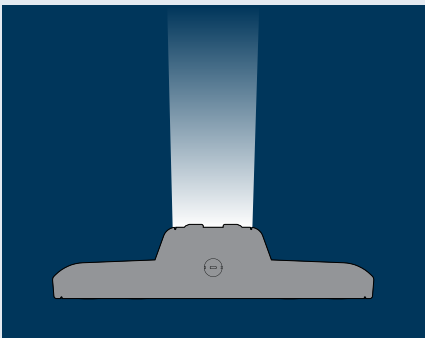
Wide (120°)



Narrow (55°)



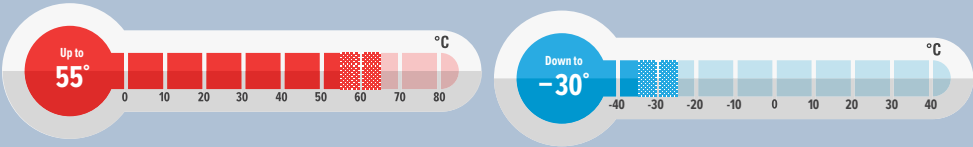
Aisle (30°)



Uplight Option

DEMANDING AMBIENT TEMPERATURES

The robust design of the Echelān ECH is suitable in ambient temperatures as low as -30°C or in unconditioned spaces up to 55°C.



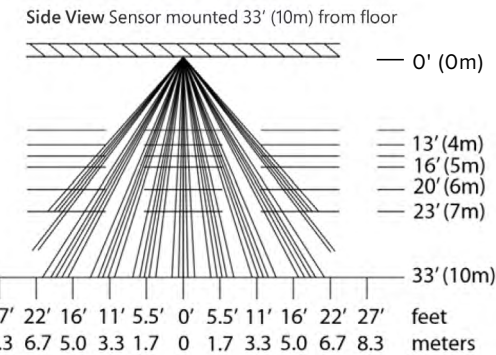
INTEGRATED SENSORS



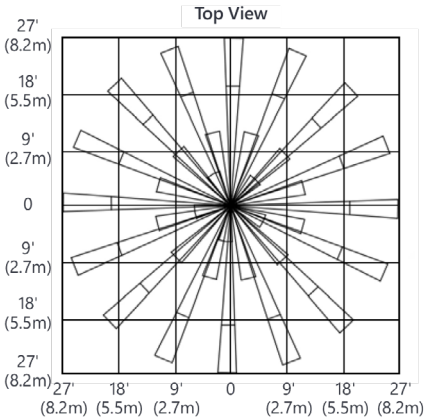
Take advantage of pre-installed occupancy sensing and dimming capability that also allows daylight harvesting in one cost-effective sensor to make installation fast and save additional energy costs.

Available in side or bottom mount with field interchangeable sensor accessories to optimize occupancy detection up to 40ft.

COVERAGE PATTERN



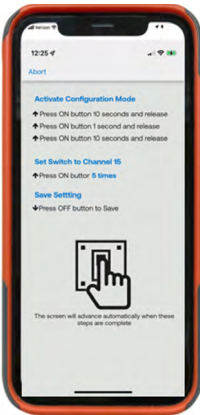
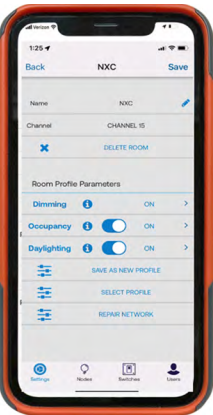
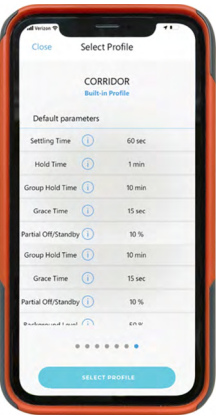
Note: high lens comes standard. Low (8 ft) and medium lens (20 ft) can be ordered separately and field changed.



CONTROLS



NX Connect Devices can be customized with the NX Connect app that is available for free download on the Apple® Store.



Connect Fixtures in rooms to operate together with the same rules

Establish and save room profiles/rules

Change sensor default settings

Add switches and other accessories to the rooms

SAVE TIME AND MONEY WITHOUT COMPROMISE

Cost-Savings of **50%** or more vs traditional light sources,
10-15% more efficient than most competitor LED manufacturers.

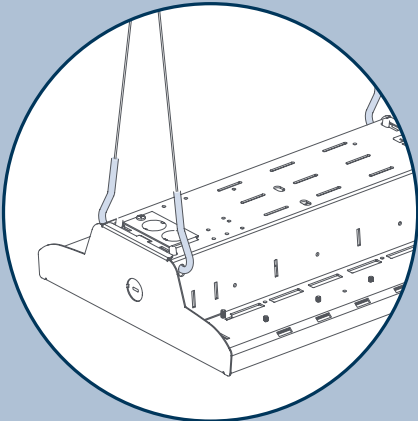
Luminaire	6L T5HO	Typical LED High Bay	High Efficacy
Lumens	26,662	24,000	24,000
Input Watts	343	203	147
Operating Hours/Year	8,760	8,760	8,760
Annual Energy Costs Per Luminaire (0.11 KWh)	\$330.51	\$195.00	\$142.00
Monthly Costs Per Luminaire (0.11 KWh)	\$28.00	\$17.00	\$12.00
Annual Savings Per Luminaire for the ECH			Up to \$189
\$\$ in Your Pocket Monthly per Luminaire			\$16.00

RELIABLE

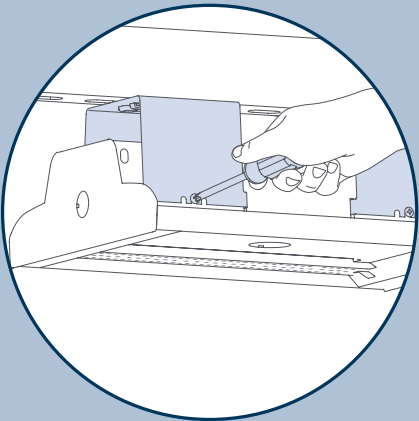
Echel n ECH housings utilize a combination of powder coated steel and aluminum for exceptional durability and heat dissipation. Long life LEDs provide L93 at 60,000 hour lumen maintenance to ensure safe, efficient lighting while lowering maintenance and operating costs.

FAST/EASY TO INSTALL

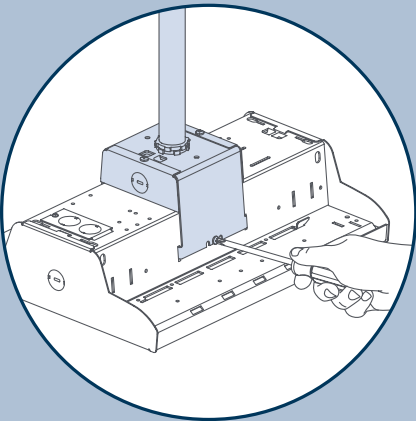
Designed with installation flexibility in mind, the ECH standard configuration comes ready to accept chain or Y-Cable with hook (not included) or choose surface or pendant mount options. Wire guard accessories are also available.



Chain/Cable



Surface



Pendant

COMPACT SIZE



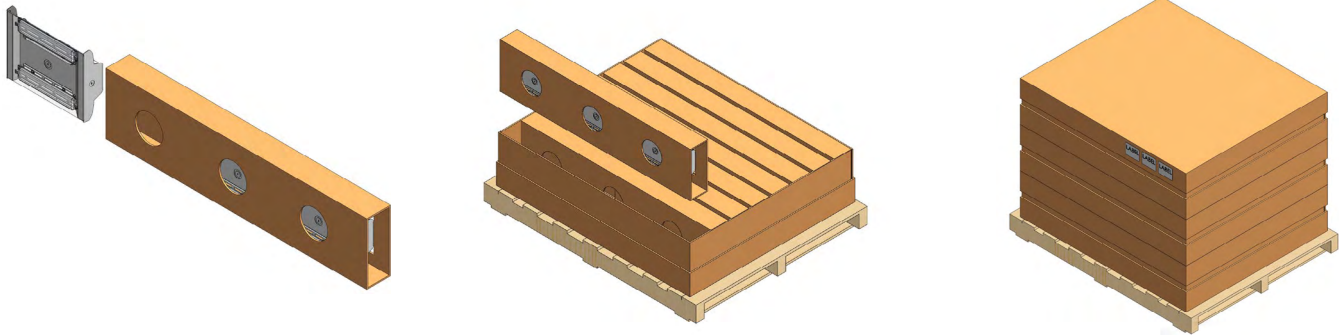
Same or greater output in a smaller size significantly reduces freight costs, install time and labor.

Small, lightweight fixture design means more on a pallet and more on a lift saving time and money.



JOB PACKAGING IS STANDARD

Environmentally-conscious job packaging not only makes installation fast and easy but also reduces waste and clean up time on the job site for a smarter, contractor-friendly solution.



JOB PACK DETAILS

Size	Fixtures per Sleeve	Sleeves Per layer	Layers per pallet
1	3	8	3
2	1	8	3
3	1	8	3



Current - HLI Brands

701 Millennium Blvd.
Greenville, SC 29607

currentlighting.com/columbialighting

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