

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

Easy Clean High Bay (ECH)

NSF CERTIFIED LED HIGH BAY



KEY FEATURES

- 19,600 lumens
- Up to 152 LPW
- IP65 / IK08 rated
- NSF certified for food processing
- Dimmable driver
- Wireless control options



Easy To Clean

The round, domed aluminum enclosure allows an easy run-off of sanitation processes in food processing applications. NSF certified.



Washdown and Wet Location

The no-cavity design prevents dirt, debris, and moisture from accumulating. IP65 rated enclosure, suitable for both wet and dry locations.



Pressure Relief Valve

Prevents condensation building up inside the fixture by offsetting the internal air pressure changes.



TECHNICAL SPECS

LUMEN OUTPUT	EFFICACY	WATTS	PART NUMBER
19,602	129	152	LL-ECH-PD-150W-360-50K-120-F

Typical lumen output (±10%) at 120V (LV) under 25°C ambient temperature at 5000K.

Lumen Multipliers

Allows to calculate the actual lumen output for your application. Apply each multiplier to the lumens of the shaded table.

COLOR TEMP	
CCT	Multiplier
5000	1.000
4000	1.000
3500	0.960

Example: How to calculate the actual lumen output of the 19,602 model at 3500K.

- 1) Find the lumens from the shaded column.
- 2) Apply all the corresponding multipliers.

$$\begin{array}{ccccccc}
 19,602 & \times & 0.960 & = & 18,818 \\
 \text{Nominal lumens} & & \text{CCT} & & \text{Actual lumens}
 \end{array}$$

ORDERING

SERIES MODEL	WATTAGE	SHAPE	CCT	BEAM ANGLE	LENS	CONTROLS
LL-ECH-PD-	150W	360	50 5000K Other CCT available upon request.	120	F Frosted lens	QBM Linmore LED UltraLink

ORDERING EXAMPLES

Standard: LL-ECH-PD-150W-360-50K-120-F

With Options: LL-ECH-PD-150W-360-50K-120-F-QBM

ACCESSORIES

SWITCHES *ORDERED SEPARATELY

EO-ESRPB Enocan switch. Single rocker with Bluetooth®.

EO-EDRPB Enocan switch. Double rocker with Bluetooth®.

FEATURES & SPECIFICATIONS

CONSTRUCTION

- **Cast Aluminum Housing:** No-cavity design withstands harsh environments and repels dirt, debris, moisture and other contaminants. The domed design allows for easy cleaning.
- **Materials:** Aluminum enclosure. Stainless steel hardware. Polycarbonate lens (no glass).
- **Pressure Relief Valve:** Offsets the internal air pressure changes to prevent condensation inside the fixture.
- **Cord:** 6' SO cord included.
- **LEDs:** Only high quality LEDs are used to deliver maximum light output and longevity.

ELECTRICAL

- **Power Input:** 120-277V (50/60Hz). 347-480 (50/60Hz) available as an option with extended lead time.
- **Power Factor:** >0.9 (0.99 typical).
- **Total Harmonic Distortion:** <10% typical.

OPERATION

- **Environment:** Washdown and wet locations. Designed for harsh locations. IP65 rated. IK08 rated. NSF certified.
- **Ambient Range Operation:** -40°C up to 50°C (-40°F up to 120°F).

OPTICS

- **CCT:** 5000K standard, other CCT available (extended lead time).
- **CRI:** >70.
- **Lenses:** Frosted polycarbonate. 120° beam angle. Provides ample, soft lighting with even distribution and glare reduction.

MOUNTING

- **Hanging:** Field installed mounting kit includes hook.

CONTROLS

- **Dimming:** 0-10V standard. Dim to OFF.
- **Sensors:** Compatible with McWong sensors and Enocean switches.
- **Networked Control Options²:** Compatible with Avi-on⁴ networked controls and UltraLink SIG Bluetooth[®] with Mesh Networked Controls³.



WARRANTY

- **Standard:** 5-year product warranty covers fixture and LED driver.

LISTINGS & CERTIFICATIONS

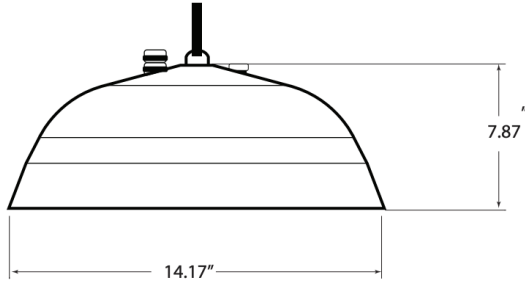
- UL 1598.
- IP65.
- IK08.
- NSF Certified.
- DesignLights™ Consortium Premium.¹
- RoHS compliant.



DIMENSIONS & DRAWINGS

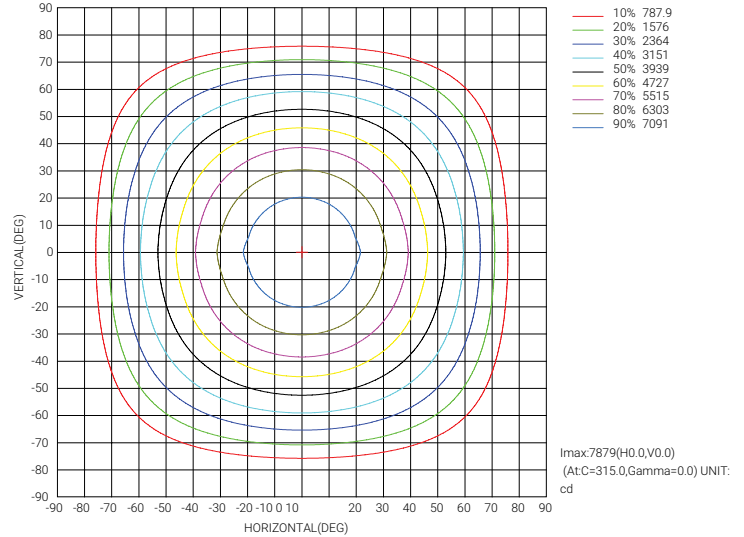
DIMENSIONS

Diameter (in)	Height (in)	Weight (lb)
14.17	7.87	12



LIGHT DISTRIBUTION

FROSTED LENS



[Download IES Files](#)

FOOTNOTES

1. Check QPL for up-to-date listings.
2. Synapse, Daintree and Enlighted are available with extended lead time. Additional components required to ensure compatibility.
3. Requires Enocan switch, McWong sensor or a gateway for complete functionality.
4. Contact your regional sales director.

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