LinmoreLED
ULTRA PERFORMANCE LIGHTING

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

Easy Clean High Bay (ECH)

LED HIGH BAY

IP65 Ready

TRUSTED NLB WARRANTY · ETL Intertek · FC · DLC LISTED

KEY FEATURES

- 19,600 lumens
- Up to 152 LPW
- IP65 rated
- IK08 rated
- Dim to Off driver
- Wireless control options

5 YEAR WARRANTY

Easy To Clean

The round, domed aluminum enclosure allows an easy run-off of sanitation processes.

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.

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:** Prevents condensation building up inside the fixture by offsetting the internal air pressure changes.
- **Cord:** 6' SO cord included.
- **LEDs**: Only high quality LEDs are used to deliver maximum light output and longevity.

Lens View

Top View

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.
- **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 Lighting Controls:** UltraLink Wireless Controls with Bluetooth® NLC Mesh technology. Contact factory.

WARRANTY

- **5 Year Warranty:** The fixture is guaranteed for 5 years free of defects in materials and workmanship, including LEDs and driver. "Defective" is considered if ten percent (10%) or more of the LEDs, per product, are non-operating LEDs, or color temperature has shifted more than 500° Kelvin within the warranty period. See terms and conditions at https://linmoreled.com/warranty

LISTINGS & CERTIFICATIONS

- UL 1598.
- IP65.
- IK08.
- DesignLights™ Consortium.[1]
- RoHS compliant.

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.

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.

19,602	x	0.960	=	18,818
Nominal lumens		CCT		Actual lumens

ORDERING

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

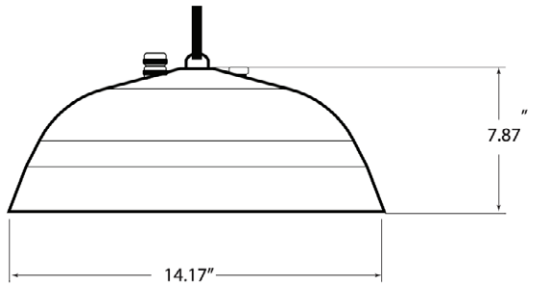
ORDERING EXAMPLES

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

DIMENSIONS & DRAWINGS

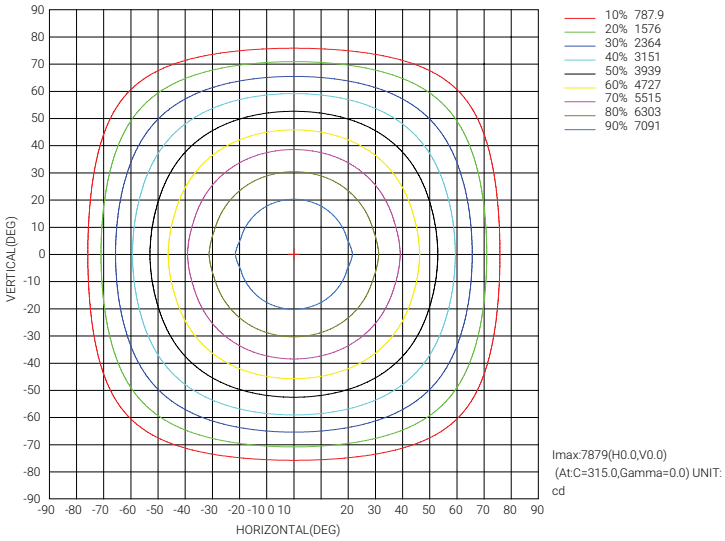
DIMENSIONS

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 Enocean switch, McWong sensor or a gateway for complete functionality.
4. Contact factory.

Linmore LED Labs, Inc.
2360 S Orange Ave, Fresno, CA 93725
559 485 6010 | info@linmoreled.com | linmoreled.com

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