



tradeSELECT®

INTERACTIVE MENU

- Ordering Guide
- Photometric Data
- Dimensional Data

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

FEATURES

- Lumen packages range from 11,000 to 27,000 lumens in a 2ft housing
- Frosted acrylic lens
- LED light engine provides nominal efficacies of 130 lm/w
- 0-10V dimming to 10%
- Universal voltage standard (120-277V); 347V, 480V optional
- 80+ CRI
- 6kV surge protection
- Long life LEDs with projected life over 122,000 hours at L₇₀
- DLC® (DesignLights Consortium) Premium Qualified - see www.designlights.org



CHB Linear High Bay

CONSTRUCTION

Painted after fabrication full body steel housing constructed for shipment and job site durability. Channel includes top and side knockouts for simple and accessible wiring.

ELECTRICAL

Efficient LED light engine (nominal 130 lm/w) with long life (122,000 hours, calculated) LEDs. Driver is 6kV surge protected and available in 120-277V standard or 347V, 480V. 0-10V standard with dimming range of 100% to 10%.

MOUNTING

V-hook and chain hanger are standard with each luminaire. Additional mounting options include surface mounting with the use of tong brackets and a single point stem (pendant) mount; refer to Accessories table for details.

OPTICS

Optical grade PMMA with diffusion for distribution control and glare reduction.

STANDARDS, CERTIFICATION AND COMPLIANCE

All luminaires are built to UL1598 standards, and bear appropriate cULus labels for damp location. DLC® (DesignLights Consortium) Premium Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org.

WARRANTY

Five year warranty (Terms and Conditions apply).

STOCK

CATALOG NUMBER	DESCRIPTION	LUMENS	WATTS	LM/W	QTY ON PALLET	FLUORESCENT REPLACEMENT
CHB2-40LX-FA-EDU	2' LED High Bay, 4000K, 0-10V dimming, 120-277V	11,380	87.7	130	44	4-lamp HLT8,
CHB2-50LX-FA-EDU	2' LED High Bay, 5000K, 0-10V dimming, 120-277V	11,483	87.7	131	44	2-lamp T5HO
CHB2-40ML-FA-EDU	2' LED High Bay, 4000K, 0-10V dimming, 120-277V	17,013	132.6	128	44	6-lamp T8
CHB2-50ML-FA-EDU	2' LED High Bay, 5000K, 0-10V dimming, 120-277V	17,105	131.7	130	44	
CHB2-40MH-FA-EDU	2' LED High Bay, 4000K, 0-10V dimming, 120-277V	21,949	172.7	127	44	6-lamp HLT8,
CHB2-50MH-FA-EDU	2' LED High Bay, 5000K, 0-10V dimming, 120-277V	22,038	172.4	128	44	4-lamp T5HO
CHB2-40MV-FA-EDU	2' LED High Bay, 4000K, 0-10V dimming, 120-277V	27,343	211.9	129	22	8-lamp HLT8,
CHB2-50MV-FA-EDU	2' LED High Bay, 5000K, 0-10V dimming, 120-277V	27,522	212.9	129	22	6-lamp T5HO

ORDERING INFORMATION

EXAMPLE CHB2-40ML-FA-EDU

YOUR ORDER **CHB2 - FA - ED**

CHB	2			FA	ED				
MODEL	SIZE	COLOR TEMP	LUMEN OUTPUT (NOMINAL)	LENS	DRIVER	VOLTAGE	OPTIONS		
CHB Linear High Bay	2 2'	40 4000K 50 5000K	LX Low Extra High Lumen (11,000) ML Medium Low Lumen (17,000) MH Medium High Lumen (22,000) MV Medium Very High Lumen (27,000)	FA Frosted Acrylic	ED 0-10V Dimming	U 120-277V 347 347V 480 480V	ELL14 Emergency Battery Pack, 1700lm ¹ OS1360 Factory-Installed End Mount PIR Occupancy Sensor, On-Off & Time Delay. 1:1 Mounting Height to Coverage Ratio ¹ ODS1360 Factory Installed End Mount Microwave Occupancy/Daylight Sensor, Dimming. 1:1 Mounting Height to Coverage Ratio ¹ C6TL152 6' cord and Twist-Lock® Plug, 277V, 15A ² C6TL202 6' cord with Twist-Lock® Plug, 277V, 20A ² F3C6 3-conductor cord, 6ft F4C6 4-conductor cord, 6ft ³ F5C6 5-conductor cord, 6ft F6C6 6-conductor cord, 6ft ³		

ACCESSORIES (ORDER SEPARATELY)

- CHB-WG-N** Wire Guard Kit, Narrow, for LX, ML, and MH models
- CHB-WG-W** Wire Guard Kit, Wide, for MV model
- CHB-SMK-N** Surface Mount Kit, Narrow, for LX, ML, and MH Models
- CHB-SMK-W** Surface Mount Kit, Wide, for MV model
- CHB-PMK-SM** Pendant Mount Kit, Small, for LX model
- CHB-PMK-LG** Pendant Mount Kit, Large, for ML, MH, and MV models
- HBMS-REMOTE** Dimming Sensor Commissioning Remote Control

¹ Not available with 347V or 480V.
² Only for use with 277V; select "U" voltage option.
³ Available with ELL14 only.

PHOTOMETRIC DATA

Test# RKS180522019-10 Test Date 8/14/2018

LUMINAIRE DATA

Luminaire	CHB2-40ML-FA-EDU Commercial Linear LED, Highbay 12.5" x 24" LED luminaire with frosted acrylic lens
Ballast	EDU
Ballast Factor	1.00
Lamp	LED 4000K
Fixture Lumens	17401
Watts	132.66
Mounting	Recessed
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.24 90° = 1.24
Luminous Opening in Feet	Length: 1.90 Width: 0.95 Height: 0.00

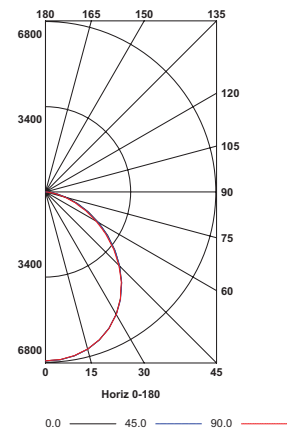
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	5243	30.1	30.1
0-40	8509	48.9	48.9
0-60	14424	82.9	82.9
0-90	17401	100.0	100.0
0-180	17401	100.0	100.0

ENERGY DATA

Total Luminaire Efficiency	100.0%
Total Lumens per Watt	131
IESNA RP-1-2004 Compliance	Non-Compliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$1.83 based on 3000 hrs. and \$0.08 per KWH

INDOOR CANDELA PLOT



LUMINAIRE DATA

Luminaire	CHB2-40MH-FA-EDU Commercial Linear LED, Highbay 12.5" x 24" Led luminaire with frosted acrylic lens
Ballast	EDU
Ballast Factor	1.00
Lamp	LED 4000K
Fixture Lumens	22550
Watts	172.79
Mounting	Recessed
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.24 90° = 1.24
Luminous Opening in Feet	Length: 1.90 Width: 0.95 Height: 0.00

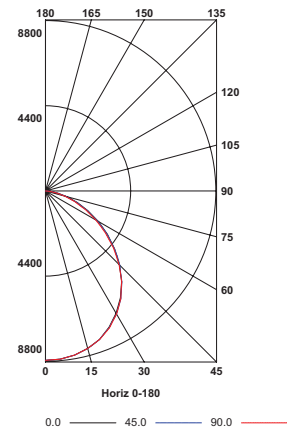
ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	6808	30.2	30.2
0-40	11052	49.0	49.0
0-60	18707	83.0	83.0
0-90	22550	100.0	100.0
0-180	22550	100.0	100.0

ENERGY DATA

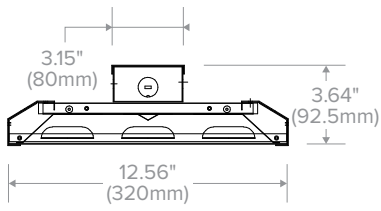
Total Luminaire Efficiency	100.0%
Total Lumens per Watt	131
IESNA RP-1-2004 Compliance	Non-Compliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$1.85 based on 3000 hrs. and \$0.08 per KWH

INDOOR CANDELA PLOT



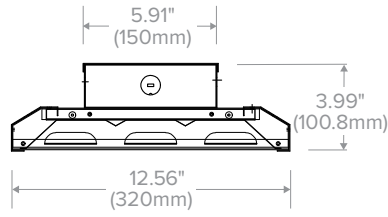
DIMENSIONAL DATA

End View – LX Model



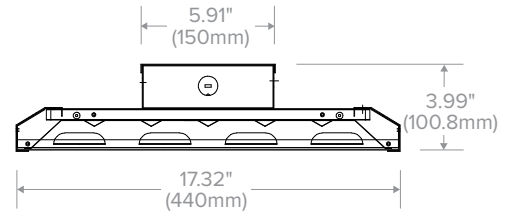
Weight: 11lbs

End View – ML, MH Models



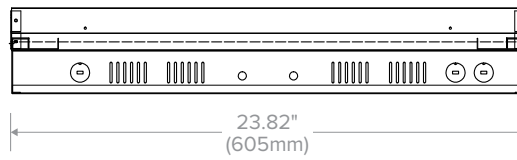
Weight: 13.5lbs

End View – MV Model



Weight: 16lbs

Side View – All Models



MOUNTING OPTIONS

Chain Hanger (Standard)



Surface Mount (Optional)



Pendant Mount (Optional)

