

**LED**



create**change**

**INTERACTIVE MENU**

- Ordering Guide
- Product Availability Tables
- Photometric Data
- Dimensional Data

**PROJECT INFORMATION**

Project Name \_\_\_\_\_

Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

**FEATURES**

- Energy saving luminaire with integrated occupancy controls
- Long-life 50,000 hour LEDs at L70 for reduced maintenance
- Choice of four lumen packages
- Occupancy controlled dimming of the LEDs increases energy savings while maintaining base light levels in stairwells at all times (see Occupancy Sensor section below)
- Tool-less access to ballast for ease of maintenance
- Can be surface mounted, wall mounted, or suspended
- Optional battery backup available for emergency egress applications
- DLC® (DesignLights Consortium) Qualified - see [www.designlights.org](http://www.designlights.org)
- 5 year warranty (terms and conditions apply)



**LBIL**

**HOUSING**

White painted steel housing.

**ELECTRICAL**

Long-life LEDs are rated for 50,000 hours at L70 lumen maintenance. Driver options include fixed output for on/off function or continuous 0-10V dimming.

**LENS**

Highly efficient acrylic lens with a linear refractive pattern for even illumination and excellent LED obscuration.

**OCCUPANCY SENSOR**

Hubbell Control Solutions internally mounted Passive Infrared Occupancy dimming sensor (WASP) is standard. Default settings: 8 min. unoccupied sensor dims luminaire to 50% output, once occupied luminaire returns to 100% output; never turning entirely off. LED indicator for easy verification of coverage. Lens has a 1500 square-foot, 360° coverage area at a mounting height of 10 ft, and a 2:1 radius to height ratio coverage pattern. Sensor includes an adjustable time delay, and motion/photocell sensitivity time delay, and motion/photocell sensitivity.

**CERTIFICATION**

All luminaires are built to UL1598 and 2108 standards, and bear appropriate CSA labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM79, LM80 and TM21 standards. DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

**WARRANTY**

5 year warranty (terms and conditions apply).

**ORDERING INFORMATION**

**EXAMPLE LBIL4-35LW-EDU**

**YOUR ORDER** LBIL - - U -

LBIL					U								
MODEL	SIZE	COLOR TEMP	LUMEN OUTPUT	DRIVER	VOLTAGE	OPTIONS							
<b>LBIL</b> LED Bi-Level Luminaire	<b>2</b> 2' <b>4</b> 4' <b>8</b> 8'	<b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K <b>50</b> 5000K	<b>VW</b> Very Low Watt (2' only) <b>MW</b> Medium Low Watt (2' only) <b>LW</b> Low Watt <b>ML</b> Medium Lumen	<b>E</b> Fixed Output <b>ED</b> 0-10V Dimming	<b>U</b> 120V-277V	<b>ELL14</b> Emergency Battery Pack Installed, 1400 Lumens <sup>1</sup>	<b>C6TL15</b> 6' Cord and Twist-Lock™ Plug 15A (Add Voltage: 1=120, 2=277)	<b>C6TL20</b> 6' Cord and Twist-Lock™ Plug 20A (Add Voltage: 1=120, 2=277)	<b>C6P151</b> 6' Cord and Straight Blade Plug 15A, 120V	<b>VH</b> (2) V-Hangers	<b>NS</b> No Sensor	<b>US</b> Ultrasonic Sensor (Fixed Output Only), WS	<b>DH-SL</b> Digital Dimming Low-Bay Sensor, WS <sup>2</sup>

<sup>1</sup> Not available with 2'  
<sup>2</sup> Sensor programming module sold separately, SCP-REMOTE

Product Availability			
Lumen Package	Lumens	Input Watts	Efficacy
LBIL-2-30VW-EU	1654	15	114
LBIL-2-35VW-EU	1684	15	116
LBIL-2-40VW-EU	1706	15	118
LBIL-2-50VW-EU	1762	15	122
LBIL-2-30MW-EU	1973	18	111
LBIL-2-35MW-EU	2009	18	113
LBIL-2-40MW-EU	2034	18	114
LBIL-2-50MW-EU	2101	18	118
LBIL-2-30LW-EU	3026	27	112
LBIL-2-35LW-EU	3081	27	115
LBIL-2-40LW-EU	3120	27	116
LBIL-2-50LW-EU	3223	27	120
LBIL-4-30LW-EU	2959	24	124
LBIL-4-35LW-EU	3012	24	127
LBIL-4-40LW-EU	3051	24	128
LBIL-4-50LW-EU	3151	24	132
LBIL-4-30ML-EU	4997	42	118
LBIL-4-35ML-EU	5087	42	121
LBIL-4-40ML-EU	5152	42	122
LBIL-4-50ML-EU	5322	42	126
LBIL-8-30LW-EU	5918	48	124
LBIL-8-35LW-EU	6024	48	127
LBIL-8-40LW-EU	6102	48	128
LBIL-8-50LW-EU	6302	48	132
LBIL-8-30ML-EU	9994	84	118
LBIL-8-35ML-EU	10174	84	121
LBIL-8-40ML-EU	10304	84	122
LBIL-8-50ML-EU	10644	84	126

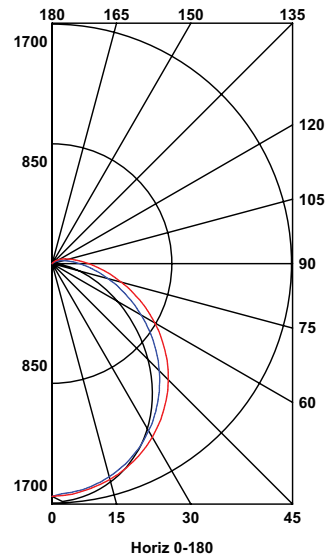
**PHOTOMETRIC DATA**

Test #19318 Test Date 5/3/2017

**LUMINAIRE DATA**

Luminaire	LBIL-4-40ML-EU LBIL LED Bi-Level Luminaire, Surface 4' LED Bi-Level Luminaire with Controls
Ballast	OT50W/PRG1400C/UNV/DIM/L
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	5152
Watts	42.20
Mounting	Surface
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.21 90° = 1.28
Luminous Opening in Feet	Length: 4.00 Width: 0.42 Height: 0.00

**INDOOR CANDELA PLOT**



0.0 — 45.0 — 90.0 — 180.0

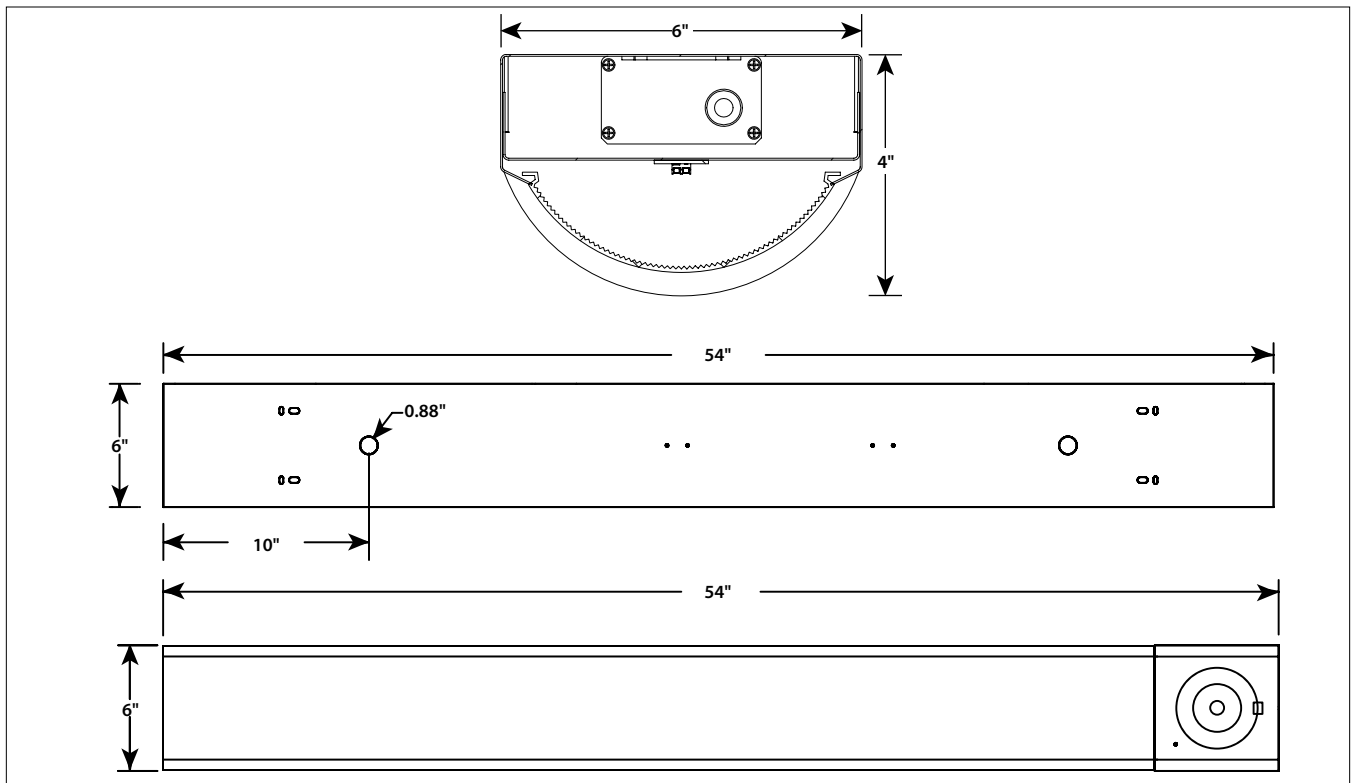
**ENERGY DATA**

Total Luminaire Efficiency	100.0%
Total Lumens per Watt	122
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$1.95 based on 3000 hrs. and \$0.08 per KWH

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	% Fixt.
0-30	1273	24.7	24.7
0-40	2076	40.3	40.3
0-60	3641	70.7	70.7
0-90	4880	94.7	94.7
0-180	5152	100.0	100.0

**DIMENSIONAL DATA**



**NOTE:** All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.