

Project:	Catalogue:	Type:
Notes:		

**Product Description**

Premium-grade high or low bay luminaire. Thermally designed for high bay applications. This LED fixture is available in multiple lumen packages and various mounting options.

**Applications**

Schools, Retail Stores, Industrial, Showrooms, Atriums

**Features**

- Ideal for high bay or low bay applications
- Sleek design complements any interior
- 80+ CRI
- Standard low voltage dimming (0-10v)
- Suitable for row mounting
- 4000K Standard

**Featured Options**

- White straight blade louver
- Wireguard heavy duty
- Round lens
- Emergency lighting battery pack

**Optical System**

Standard unit is supplied with no lens. Frosted, impact acrylic, extruded lens and straight blade louver are available as options.

**Mounting**

This luminaire is specifically designed for suspended mount applications, including stem, chain & adjustable aircraft cable. Mounting kits available (ordered separately).

**Construction**

CNC fabricated, code gauge steel housing and ends, with integral ventilation slots and heat sink.

**Finish**

Pre-painted, high reflectance white housing. White, polyester powder painted endcaps.

**Electrical**

CSA/UL approved electronic components. Long life LEDs coupled with high efficiency drivers, provide quality illumination. Rated to deliver an L80 performance >60,000 hours.

**Warranty**

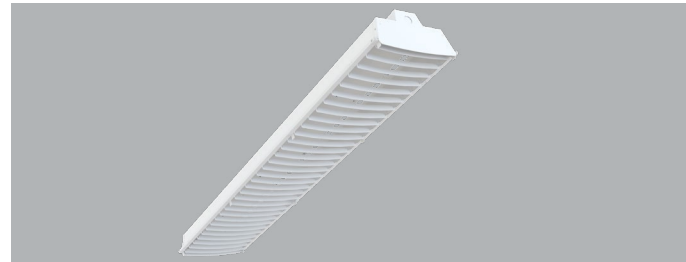
5 year limited warranty. For complete warranty, click here: [5YR Warranty](#)



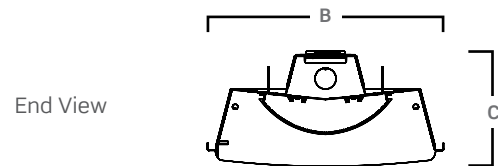
**Approvals**

- Approved to CSA and UL standards.
- Suitable for damp locations.
- DesignLights Consortium® Qualified.

All configurations may not be DLC qualified. Check [www.designlights.org/QPL](http://www.designlights.org/QPL) for qualified configurations.



**Dimensions**



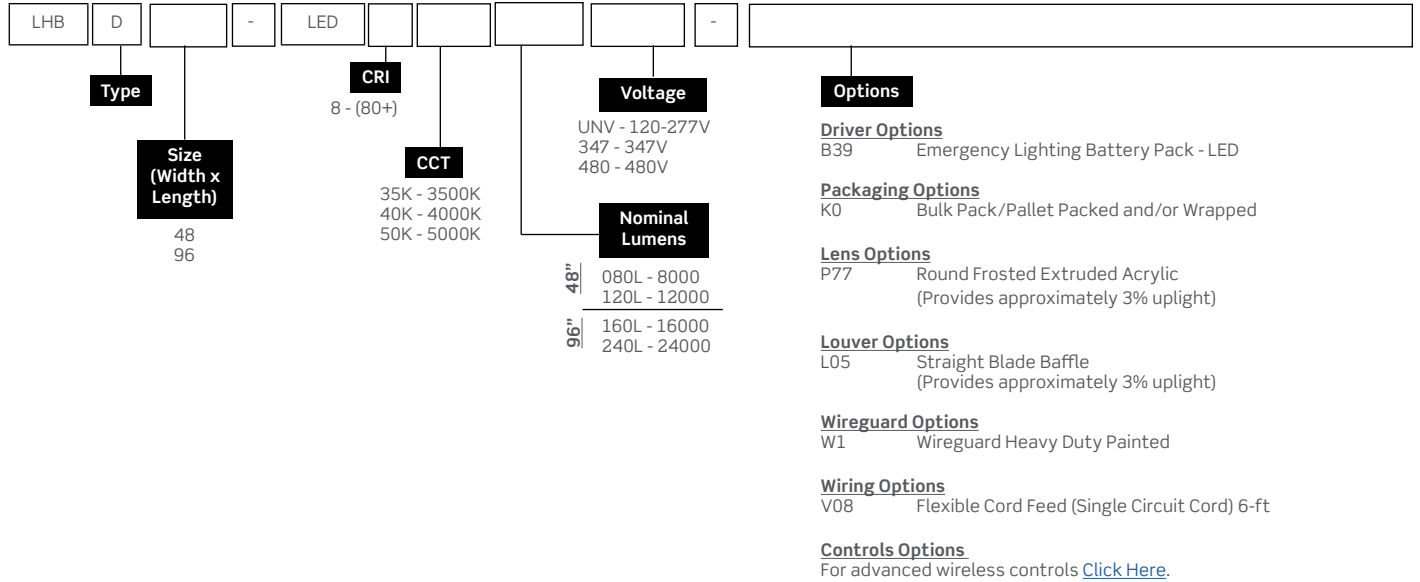
Size	A	B	C
48"	46 1/16"	9 13/16"	4 11/16"
96"	92 1/16"	9 13/16"	4 11/16"

Consult installation guide for exact dimensions.

Project:	Catalogue:	Type:
Notes:		

Order Key

EXAMPLE: LHBD48-LED840K080LUNV



Other options may be available, consult factory. Specifications and data subject to change without notice.

Performance Data

LED Performance Data											
Size	Nominal Lumens	Delivered Lumens (Values based on 840K with standard lens at 25C)								Watts	Lumen Package (Ambient Min/Max)
		Delivered Lumens (no lens)	Lumens per Watt	Delivered Lumens (P77 lens)	Lumens per Watt	Delivered Lumens (Baffle)	Lumens per Watt	Delivered Lumens (P77 & Baffle)	Lumens per Watt		
48	8000	7816	133	7091	120	7132	121	6353	107	59	080L (-40°C/50°C)
	12000	12221	139	10970	125	10872	124	9807	111	88	120L (-40°C/45°C)
96	16000	15632	133	14182	120	14264	121	12646	107	118	160L (-40°C/50°C)
	24000	24442	139	21940	125	21744	124	19164	111	176	240L (-40°C/45°C)

Values based on 840K with standard lens at 25C

Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

Lifetime Expectancy

	Calculated Hours	Reported Hours
L70	≥ 238,000	> 60,000
L80	≥ 149,000	> 60,000
L90	≥ 71,000	> 60,000

Mounted Accessories (Ordered Separately)	
KIT00001	Chain Set (2) 4ft w/ S-hooks.M10
KIT00002	Speedy Hangers (2).M23
KIT00003	Stem & Canopy Set 3/8"IP (2) 4ft.M26
KIT00004	Aircraft "Y" Cable (10Ft) with Adjustable Grip (2).M36
KIT00027	Aircraft "Y" Cable (5Ft) With Adjustable Coupler, 6-Ft Cord Set & Canopy Kit (2)