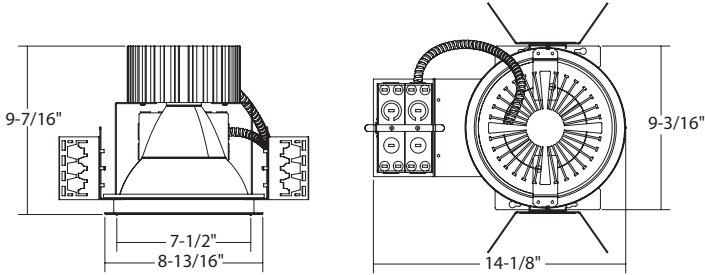


LHABLD8 - 8" LUMENBLAST

OPEN & LENSED DOWNLIGHTS, ROUND, 1000LM - 10,000LM

- Illuminate up to 100' ceilings
- Four trim finishes
- Low glare design
- Highly efficient COB (Chip on Board) LED



Ceiling Cut-out: 8" Dia.
Maximum Ceiling Thickness: 1"



LHABLD8

ORDERING : LHABLD820C050UE-DUN-B40-T27-FS/LRB81S

LHABLD8

Fixture Lumens Control Beam Spread Color Temperature Frame Options / Trim



Fixture	Lumens	Control	Beam Spread	Color Temperature	Frame Options	Trim		
Downlight	LHABLD8	Non-Dimming TRIAC/ELV Dimming (120V) 0-10V Dimming (120V/277V) UniDim™ 0-10V, TRIAC/ELV Dimming (120V/277V) eldoLED Dim to Dark Remote Driver 10%, Wireless Enocean Adapter DMX Dimming with input via XLR5 (120V/277V) DMX Dimming with input via RJ45 (120V/277V) 1%, 0-10V Dimming 0-10V Dimming (347V) Lutron Hi-Lume (120V/277V) 1%, 2-Wire Incandescent (120V) Athena Wireless Node (120V) UniSense - Remotely Mounted Motion/Photosensor (120V) UniSense - Remotely Mounted Motion/Photosensor Casambi Wireless Dimming BubblyNet Wireless System Lutron Vive Wireless Dimming Module	Blank -DIN UE-D10 UE-DUN UE-D10PZ¹¹ -RMT UE-DEN UE- DMXLR5² UE- DMXRJ45² UE-D10P1³ -347-D10³ UE-DHL³ DINP1⁴ -AWN -SUN-RMT¹⁰ -SUN-RMT-1227¹⁰ -DCSM⁹ -DBNT⁹ -VIVE⁹	15° Narrow Spot 20° Spot 40° Flood 70° Very Wide Flood	2700K, 90 CRI 2700K, 97 CRI 3000K, 90 CRI 3000K, 97 CRI 3500K, 90 CRI 4000K, 90 CRI Warm Dimming 1850K-3000K 90+ CRI Tunable White 2700K-6500K 90+ CRI	-B15 -B20 -B40 -B70 -T27 -T27-C97 -T30 -T30-C97 -T35 -T40 -TWD⁵ -TTW⁶	None Generator Transfer Device Single Fuse 10W Emergency Backup Full Power Emergency Inverter Full Power Emergency Inverter (347V) C-Channel Hanger Bar Set Adjustable C-Channel Hanger Bar Set Trim (Open) All White All Black All Satin Haze Satin Haze/White Clear/White Specular Clear Trim (Frosted Lens) All White All Black All Satin Haze Satin Haze/White Clear/White Specular Clear (For wet locations add -WL)	Blank -GTD -FS -EM -EMAC⁷ -EMAC347⁷ C260 C260-J LRB81W LRB81B LRB81S LRB81SW LRB81CW LRB81C LRB82W LRB82B LRB82S LRB82SW LRB82CW LRB82C

¹ All drivers are 120V/277V unless otherwise noted.
² DMX Dimming to 0% except for 8000lm & 10,000lm with DMX Dimming to 10%.
³ Not available for 8000lm & 10,000lm.
⁴ Not available for 1000lm - 3500lm.
⁵ Warm Dimming Only available for 1000lm & 1500lm options.
⁶ Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option.
⁷ Check wiring diagrams.
⁸ Not compatible to UE-DUN Driver.
⁹ Special Order.
¹⁰ (-SUN-RMT) sensor sent with mounting clips for existing ceiling applications.
¹¹ Not available for 10,000lm

OPTIONS

/C260
C-Channel Hanger Bar Set



/C260-J
Adjustable C-Channel Hanger Bar Set



SPECIFICATION

Applications

The 8" LumenBlast housing is designed for medium to high ceiling heights and is available as a fixed downlight. With four trim options and four trim finishes, the luminaire offers the versatility and high lumen output that is ideal for classrooms, office lobbies and retail applications.

Housing Frame

16 gauge galvanized plaster ring with powder coat finish, six friction clips secure trim to housing for ceilings up to 1" thick.

Mounting

Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT. 26"C Channel Strut for T-bar ceilings and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Heavy duty 16-gauge, die-formed galvanized steel. Bar hangers optional.

Optics

LED Light Engine - COB (Chip on Board) LED is replaceable via quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Beam Spread - Available in 15° Narrow Spot (B15), 20° Spot (B20), 40° Flood (B40), and 70° Very Wide Flood (B70).

Color Temperature - Comes standard with 3000K Warm White LEDs binned to 3-step MacAdam ellipses within the ANSI C78 377A standard for color temperature and chromaticity ranges light binning allowance. Also available in 2700K, 3500K and 4000K.

Color Rendering Index - Comes standard with 90 CRI. 97 CRI (C97) option also available with 2700K and 3000K.

Warm Dimming - Optional from 1850K to 3500K.

Tunable White - Optional with correlated color temperature range from 2700K to 5500K.

Lumen Maintenance - Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management

Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Trims

Open trims are available in all White (LRB81W), all Black (LRB81B), all Satin Haze (LRB81B), and Satin Haze/White (LRB81SW). Frosted lens trims are available in all White (LRB82W), all Black (LRB82B), all Satin Haze (LRB82B), and Satin Haze/White (LRB82SW).

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations.

Caution

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

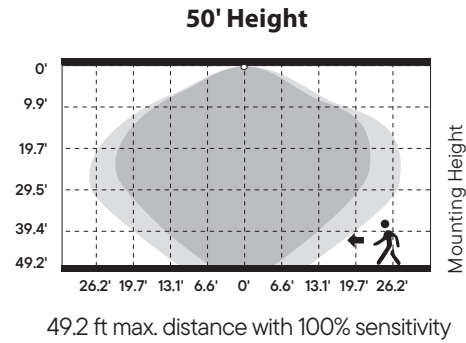
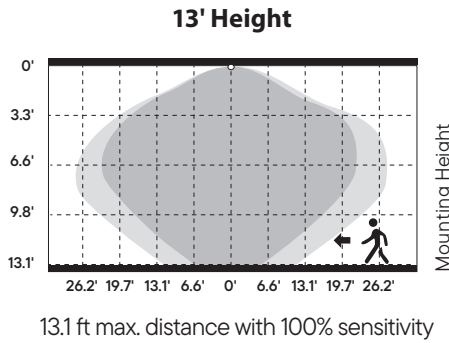
Warranty

Covered by an 5 years warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C (95°F). Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

SPECIFICATION

Unisense™ PROGRAMMABLE MOTION + DAYLIGHT (-SUN-RMT, -SUN-RMT-1227)

- Microwave and PIR (Passive Infrared) sensors depending on option
- Daylight harvesting
- Dusk/dawn sensing capabilities
- Motion Sensor



Well Detected Area
 Possibly Detected Area

 1.6-3.3 ft/s

SPECIFICATION

EMERGENCY BATTERY (-EM): 10W

- Must be installed in Dry Locations
- 10W constant output to LED lamp

Not rated for outdoor mounting. Damp location rated.

-EM Lumen Data (Battery)

Fixture/Trim	LHABLD812C025
Fixture Wattage:	9W
Fixture Lumens:	1000
Multiplier:	1.11
EM Lumens:	1110

Fixture/Trim	LHABLD815C035
Fixture Wattage:	13W
Fixture Lumens:	1500
Multiplier:	0.77
EM Lumens:	1160

Fixture/Trim	LHABLD820C050
Fixture Wattage:	19W
Fixture Lumens:	2500
Multiplier:	0.53
EM Lumens:	1330

Fixture/Trim	LHABLD835C070
Fixture Wattage:	28W
Fixture Lumens:	3500
Multiplier:	0.36
EM Lumens:	1260

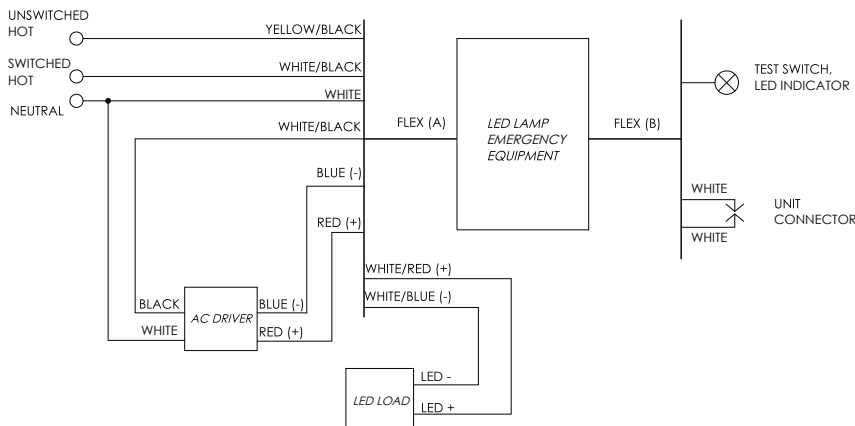
Fixture/Trim	LHABLD845C105
Fixture Wattage:	41W
Fixture Lumens:	5000
Multiplier:	0.24
EM Lumens:	1200

Fixture/Trim	LHABLD850C85
Fixture Wattage:	51W
Fixture Lumens:	6000
Multiplier:	0.20
EM Lumens:	1200

Fixture/Trim	LHABLD860C105
Fixture Wattage:	64W
Fixture Lumens:	7000
Multiplier:	0.16
EM Lumens:	1120

Fixture/Trim	LHABLD870C125
Fixture Wattage:	72W
Fixture Lumens:	8000
Multiplier:	0.14
EM Lumens:	1120

Fixture/Trim	LHABLD8120C200
Fixture Wattage:	116W
Fixture Lumens:	10,000
Multiplier:	0.09
EM Lumens:	900



Input Voltage:	120-277VAC/60Hz
Output Voltage:	10W
Wattage:	10W
Switching Time:	< 1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	No

SPECIFICATION

FULL POWER EMERGENCY INVERTER (-EMAC or -EMAC347): 9W - 116W

- Must be installed in Dry Locations
- Wattage package will determine battery sent; corresponding wiring diagrams below
- 170 VDC output to AC DRIVER during EM mode

Not rated for outdoor mounting. Damp location rated.

-EMAC Lumen Data (Battery)

Fixture/Trim	LHABLD812C025
Fixture Wattage:	9W
Fixture Lumens:	1000
EM Lumens:	1000

Fixture/Trim	LHABLD815C035
Fixture Wattage:	13W
Fixture Lumens:	1500
EM Lumens:	1500

Fixture/Trim	LHABLD820C050
Fixture Wattage:	19W
Fixture Lumens:	2500
EM Lumens:	2500

Fixture/Trim	LHABLD835C070
Fixture Wattage:	28W
Fixture Lumens:	3500
EM Lumens:	3500

Fixture/Trim	LHABLD845C105
Fixture Wattage:	41W
Fixture Lumens:	5000
EM Lumens:	5000

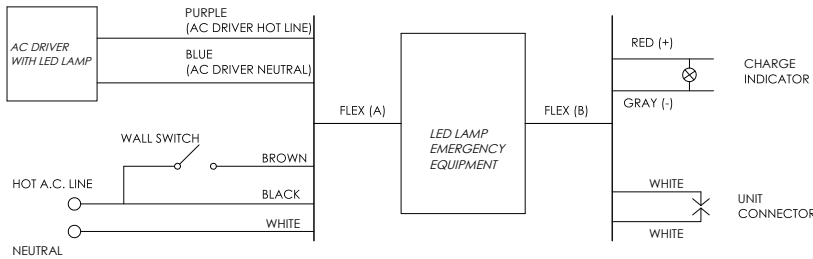
Fixture/Trim	LHABLD850C85
Fixture Wattage:	51W
Fixture Lumens:	6000
EM Lumens:	6000

Fixture/Trim	LHABLD860C105
Fixture Wattage:	64W
Fixture Lumens:	7000
EM Lumens:	7000

Fixture/Trim	LHABLD870C125
Fixture Wattage:	72W
Fixture Lumens:	8000
EM Lumens:	8000

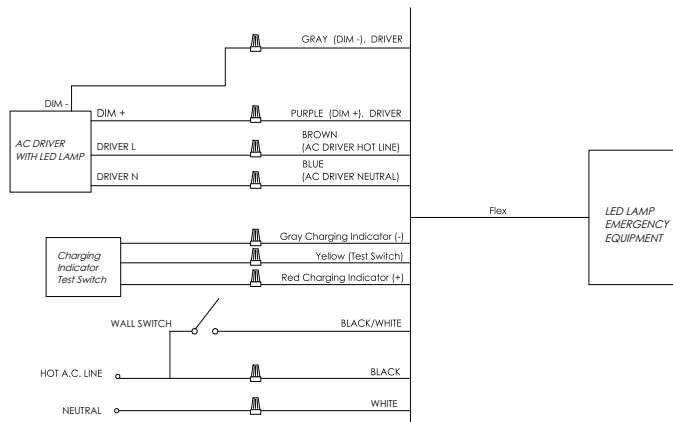
Fixture/Trim	LHABLD8120C200
Fixture Wattage:	116W
Fixture Lumens:	10,000
EM Lumens:	10,000

<25W LOAD



Input Voltage:	120-277VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	25W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	No

<40W LOAD

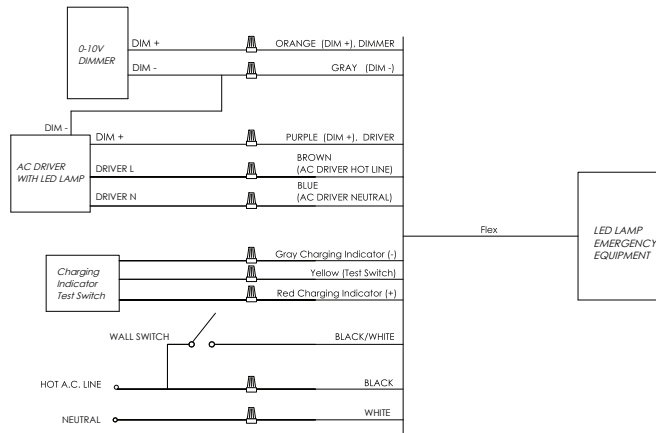


Input Voltage:	120-277VAC or 347VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	40W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	Yes

SPECIFICATION

>40W LOAD

- 0-10V dimmable driver required



Input Voltage:	120-277VAC or 347VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	50.7W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	Yes