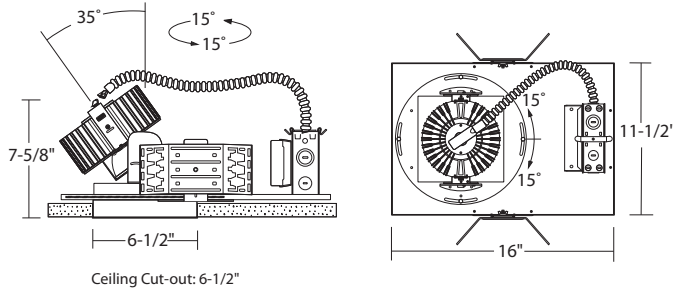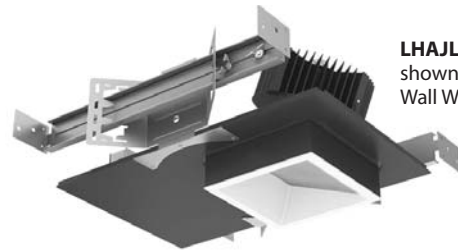# LHAJLDQ6 - 6" LUMENBLAST

OPEN & LENSED DOWNLIGHTS, ADJUSTABLE ACCENT & LENSED WALL WASH, SQUARE, 1500LM - 10,000LM

- Adjustable from 0° to 35°
- Illuminate up to 100' ceilings
- Four trim finishes
- Low glare design
- Highly efficient COB (Chip on Board) LED

35°   15° / 15°

7-5/8"   11-1/2"

6-1/2"   16"   15°   15°

Ceiling Cut-out: 6-1/2"

LHAJLDQ6 shown with Frosted Lens Wall Wash

ORDERING – Example: LHAJLDQ620C050UE-DUN-B45-TWD-FS/LRAQ621S

LHAJLDQ6

Fixture	Lumen	Dimming	Beam Spread	Color Temperature	Frame Options	/ Trim

Quickship | Damp Location | Emergency Back-Up | Sloped Ceiling | US Assembled | Dedicated LED | Adjustable

Ambient Light | Downlight | Intertek | 120V | 277V

Fixture

Downlight	**LHAJLDQ6**

Lumens (Nominal Delivered)

1500lm (11W)	**15C035**
2000lm (19W)	**20C050**
2500lm (28W)	**25C070**
3000lm (44W)	**35C105**
4000lm (60W)	**50C140[1]**
5000lm (41W)	**45C105**
6000lm (51W)	**60C085**
7000lm (64W)	**55C105**
8000lm (72W)	**70C125[1]**
10,000lm (116W)	**120C200[1]**

Dimming[2]

Non-Dimming	**Blank**
Remote Driver	**-RMT**
UniDim™ 0-10V, ELV, Triac Dimming (5%)	**UE-DUN**
Wireless Enocean Adapter (10%)	**UE-DEN**
DMX Dimming (0%)	**UE-DMX**
0-10V Dimming (1%)	**UE-D10P1**
347V 0-10V Dimming (5%)	**-347-D10**
Lutron Hilume/ Ecoystem Dimming (1%)	**UE-DHL[1]**
120V 2-Wire Incandescent (1%)	**DINP1[7]**

Beam Spread

25° Narrow Flood	**-B25**
45° Flood	**-B45**
60° Wide Flood	**-B60**
90° Very Wide Flood	**-B90**

Color Temperature

2700K, 80 CRI	**-T27**
2700K, 90 CRI	**-T27-C90**
2700K, 97 CRI	**-T27-C97[3]**
3000K, 80 CRI	**-T30**
3000K, 90 CRI	**-T30-C90**
3000K, 97 CRI	**-T30-C97[3]**
3500K, 80 CRI	**-T35**
4000K, 80 CRI	**-T40**
Warm dimming 1850K-3000K	**-TWD[4]**
Tunable White 2700K-6500K	**-TTW[5]**

Frame Options

None	**Blank**
Generator Transfer Device	**-GTD**
Single Fuse	**-FS**
Remote Emergency Backup (12W)	**-EM**
Remote Emergency Inverter (up to 28W)	**-EMAC[6, 7]**
C-Channel Hanger Bar Set	**C260**
Adjustable C-Channel Hanger Bar Set	**C260-J**

Trim (Open)

All White	**LRAQ621W**
All Black	**LRAQ621B**
All Satin Haze	**LRAQ621S**
Satin Haze/White	**LRAQ621SW**

Trim (Frosted Lens)

All White	**LRAQ602W**
All Black	**LRAQ602B**
All Satin Haze	**LRAQ602S**
Satin Haze/White	**LRAQ602SW**

Trim (Open Adjustable)

All White	**LRAQ672W**
All Black	**LRAQ672B**
All Satin Haze	**LRAQ672S**
Satin Haze/White	**LRAQ672SW**

Trim (Frosted Lens Wall Wash)

All White	**LRAQ671W**
All Black	**LRAQ671B**
All Satin Haze	**LRAQ671S**
Satin Haze/White	**LRAQ671SW**

(For wet locations add -WL)

[1] 4000lm, 8000lm and 10,000lm not available with Lutron (HiLume) driver.
[2] All drivers are 120V/277V unless otherwise noted.
[3] 97 CRI available for lumen packages of 5000lm and above.
[4] Warm Dimming only available for 1500lm, 2000lm & 2500lm options.
[5] Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option for 1500lm, 2000lm, 2500lm, 3000lm & 5000lm option only.
[6] EMAC emergency option fully illuminates during power failure.
[7] Only available for 11W, 19W and 28W options.

OPTIONS

/C260
C-Channel Hanger Bar Set

/C260-J
Adjustable C-Channel Hanger Bar Set

SPECIFICATION

Applications

The 6" 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 2 1/4" 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 25° Narrow Flood (B25), 45° Flood (B45), 60° Wide Flood (B60), and 90° Very Wide Flood (B90).

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 80 CRI. 90 CRI and 97 CRI (C97) option also available with 2700K and 3000K.

Warm Dimming - Optional from 1850K to 3500K. Only available for 1500lm, 2000lm & 2500lm options.

Tunable White - Optional with correlated color temperature range from 2700K to 5500K. Only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option for 1500lm, 2000lm, 2500lm, 3000lm & 5000lm option only.

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.

Electrical Components

Dimming - Options include UniDim™ 5%, 0-10V, ELV, Triac Dimming (UE-DUN); Wireless Enocean Adapter (UE-DEN); DMX Dimming (UE-DMX);1% 0-10V Dimming (UE-D10P1); 347V 5% 0-10V Dimming (-347V-D10); Lutron Hilume/Ecosystem Dimming (UE-DHL); 1% 2-Wire Incandescent 120V (DINP1).

Trims

Open trims are available in all White (LRAQ61W), all Black (LRAQ621B), all Satin Haze (LRAQ621B), and Satin Haze/White (LRAQ621SW). Frosted lens trims are available in all White (LRAQ602W), all Black (LRAQ602B), all Satin Haze (LRAQ602B), and Satin Haze/White (LRAQ602SW).

Open adjustable trims are available in all White (LRAQ672W), all Black (LRAQ672B),all Satin Haze (LRAQ672B), and Satin Haze/White (LRAQ672SW). Frosted lens wall wash trims are available in all White (LRAQ671W), all Black (LRAQ671B), all Satin Haze (LRAQ671B), and Satin Haze/White (LRAQ671W).

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 a 5-year warranty driver options to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C. Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.