

THE COMPLETE LIGHTING SOLUTION

# LITON

L I G H T I N G



## LUMENBLAST

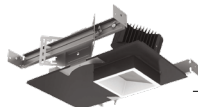
ARCHITECTURAL LED LUMINAIRES

RECESSED | DOWNLIGHT | WALL WASH | ADJUSTABLE | CYLINDER | CEILING | WALL | PENDANT MOUNT



LITON's LumenBlast architectural grade LED luminaire features high lumen output and a wide variety of options for corporate, retail and residential architectural lighting applications.

Product Matrix

|                                                                                                                     |                                |                          | LUMENS      |              |              |              |              |              |              |              |           |                |                  |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----------------|------------------|
|                                                                                                                     |                                |                          | 500-1499 lm | 1500-2499 lm | 2500-3499 lm | 3500-4499 lm | 4500-5499 lm | 5500-6499 lm | 6500-7499 lm | 7500-8499 lm | 8500-9499 | 9500-10,499 lm | 10,500-11,499 lm |
| LUMENBLAST - RECESSED ROUND                                                                                         |                                |                          |             |              |              |              |              |              |              |              |           |                |                  |
| <div><div>p. 6-11</div></div>    | 4" Recessed                    | Downlight (Open)         | ■           | ■            | ■            |              | ■            | ■            | ■            |              |           |                |                  |
|                                                                                                                     |                                | Downlight (Lensed)       | ■           | ■            | ■            |              | ■            | ■            | ■            |              |           |                |                  |
|                                                                                                                     |                                | Adjustable Accent (Open) |             | ■            | ■            | ■            | ■            |              |              |              |           |                |                  |
|                                                                                                                     |                                | Wall Wash (Lensed)       |             | ■            | ■            | ■            | ■            |              |              |              |           |                |                  |
|                                                                                                                     | 6" Recessed                    | Downlight (Open)         | ■           | ■            | ■            |              | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     |                                | Downlight (Lensed)       | ■           | ■            | ■            |              | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     |                                | Adjustable Accent (Open) |             | ■            | ■            | ■            | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     |                                | Wall Wash (Lensed)       |             | ■            | ■            | ■            | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     | 8" Recessed                    | Downlight (Open)         | ■           | ■            | ■            |              | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     |                                | Downlight (Lensed)       | ■           | ■            | ■            |              | ■            | ■            | ■            | ■            |           | ■              |                  |
| LUMENBLAST - RECESSED SQUARE                                                                                        |                                |                          |             |              |              |              |              |              |              |              |           |                |                  |
| <div><div>p. 12-15</div></div>  | 4" Recessed                    | Downlight (Open)         | ■           | ■            | ■            |              | ■            | ■            | ■            |              |           |                |                  |
|                                                                                                                     |                                | Downlight (Lensed)       | ■           | ■            | ■            |              | ■            | ■            | ■            |              |           |                |                  |
|                                                                                                                     |                                | Adjustable Accent (Open) |             | ■            | ■            | ■            | ■            |              |              |              |           |                |                  |
|                                                                                                                     |                                | Wall Wash (Lensed)       |             | ■            | ■            | ■            | ■            |              |              |              |           |                |                  |
|                                                                                                                     | 6" Recessed                    | Downlight (Open)         |             | ■            | ■            | ■            | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     |                                | Downlight (Lensed)       |             | ■            | ■            | ■            | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     |                                | Adjustable Accent (Open) |             | ■            | ■            | ■            | ■            | ■            | ■            | ■            |           | ■              |                  |
|                                                                                                                     |                                | Wall Wash (Lensed)       |             | ■            | ■            | ■            | ■            | ■            | ■            | ■            |           | ■              |                  |
| LUMENBLAST - CYLOPRO ADJUSTABLE CYLINDER                                                                            |                                |                          |             |              |              |              |              |              |              |              |           |                |                  |
| <div><div>p. 18-19</div></div> | 2.5" Adjustable Accent         |                          | ■           |              |              |              |              |              |              |              |           |                |                  |
|                                                                                                                     | 3.5" Adjustable Accent         |                          |             | ■            |              |              |              |              |              |              |           |                |                  |
|                                                                                                                     | 5" Adjustable Accent           |                          |             |              |              | ■            |              |              |              |              |           |                |                  |
| LUMENBLAST - LUMEN CANNON CYLINDER                                                                                  |                                |                          |             |              |              |              |              |              |              |              |           |                |                  |
| <div><div>p. 20-21</div></div> | 4" Ceiling Mount/Pendant Mount |                          | ■           | ■            |              |              |              |              |              |              |           |                |                  |
|                                                                                                                     | 4" Wall Mount                  |                          | ■           | ■            |              |              |              |              |              |              |           |                |                  |
| <div><div>p. 22-23</div></div> | 6" CeilingMount/Pendant Mount  |                          | ■           | ■            | ■            | ■            |              | ■            |              |              |           |                |                  |
|                                                                                                                     | 6" Wall Mount                  |                          | ■           | ■            | ■            | ■            |              | ■            |              |              |           |                | ■                |
| LUMENBLAST - LUMEN CANNON CYLINDER                                                                                  |                                |                          |             |              |              |              |              |              |              |              |           |                |                  |
| <div><div>p. 24-25</div></div> | 4" Recessed                    | Downlight                |             | ■            |              |              |              |              |              |              |           |                |                  |
|                                                                                                                     |                                |                          |             |              |              |              |              |              |              |              |           |                |                  |
|                                                                                                                     |                                | 6" Recessed              | Downlight   |              | ■            |              |              |              |              |              |           |                |                  |
|                                                                                                                     |                                | Wall Wash                |             | ■            |              |              |              |              |              |              |           |                |                  |

For ordering, refer to individual specification pages at <https://liton.com>

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## Overall Features

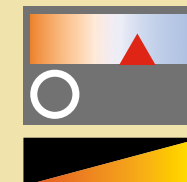


### Wireless Dimming

To avoid the cost of expensive rewiring and provide ultimate flexibility, LumenBlast is available with optional wireless dimming.

### Tunable White & Warm Dimming

Tunable White & Warm Dimming mimic natural outdoor lighting conditions and provides flexibility in meeting user needs and moods as they change over the day.



### DMX Dimming

LumenBlast is available with optional DMX512 digital multiplex dimming protocol to offer maximum user control with complex lighting installations.

101010

### 12 Year Warranty

12  
YEAR

Select LumenBlast models are covered by a 12-year warranty on LED\* to be free of defects in workmanship or material under normal and proper usage. The Fixture should not be installed in applications where the ambient temperature is above 40°C. Doing so will result in reduced lamp life and voided warranty. Consult factory for models.

\*Excluding LED Driver

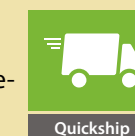
### UniDim™ Universal Dimming



UniDim delivers smooth incandescent-like dimming performance from ELV, 0-10V and 2-Wire Triac dimming systems.

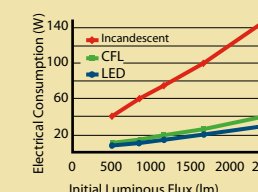
### QuickShip

Quick Ship items are available to ship within 10 business days on a first-come-first-served basis and upon request. Check the LITON website for additional information on the program.



### Luminous Efficacy

Many LumenBlast options offer 100lm/W plus efficacy versus 30-42lm/W efficacy for CFL and 10-17lm/W efficacy for incandescent fixtures.



### US Assembled

All LITON LumenBlast luminaires are US assembled in our Los Angeles, CA facility to ensure quality and timely delivery.





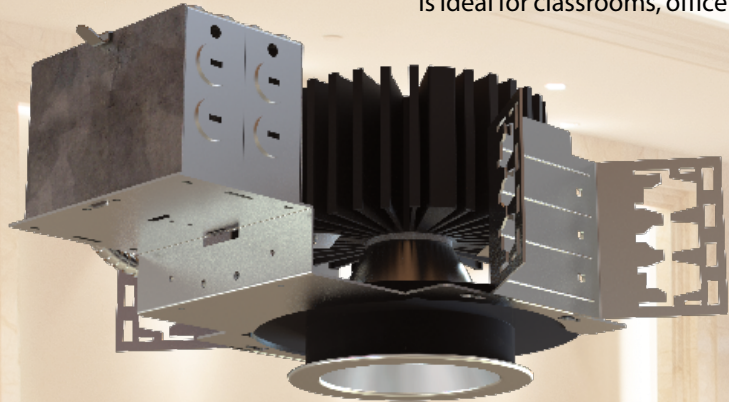
4 INCH | RECESSED | ROUND

4" LUMENBLAST  
RECESSED ROUND

Internal adjustments  
FOR PRECISE  
BEAM AIMING.

The 4" LumenBlast recessed housings are designed for medium to high ceiling heights and is available as both a fixed and adjustable downlight with a range of adjustability up to 35°. 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.

1000lm to 7000lm



12 YEAR  
WARRANTY  
Excluding LED Driver

DOWNLIGHT - OPEN

FRAME

LHABLD4

LUMENS (Nominal Delivered)

|         |              |
|---------|--------------|
| 12C025: | 1000lm (9W)  |
| 15C035: | 1500lm (13W) |
| 20C050: | 2500lm (19W) |
| 35C070: | 3500lm (28W) |
| 45C105: | 5000lm (41W) |
| 50C085: | 6000lm (51W) |
| 60C105: | 7000lm (64W) |



TRIM (Open)

|          |                  |
|----------|------------------|
| LRB41W:  | All White        |
| LRB41B:  | All Black        |
| LRB41S:  | All Satin Haze   |
| LRB41SW: | Satin Haze/White |

BEAM SPREAD

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

DOWNLIGHT - LENSED

FRAME

LHABLD4

LUMENS (Nominal Delivered)

|         |              |
|---------|--------------|
| 12C025: | 1000lm (9W)  |
| 15C035: | 1500lm (13W) |
| 20C050: | 2500lm (19W) |
| 35C070: | 3500lm (28W) |
| 45C105: | 5000lm (41W) |
| 50C085: | 6000lm (51W) |
| 60C105: | 7000lm (64W) |



TRIM (Lensed)

|          |                  |
|----------|------------------|
| LRB42W:  | All White        |
| LRB42B:  | All Black        |
| LRB42S:  | All Satin Haze   |
| LRB42SW: | Satin Haze/White |

(For wet locations add -WL)

BEAM SPREAD

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

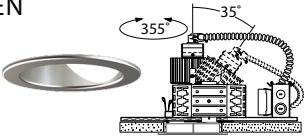
ADJUSTABLE ACCENT - OPEN

FRAME

LHAJLD4

LUMENS (Nominal Delivered)

|         |              |
|---------|--------------|
| 12C025: | 1500lm (9W)  |
| 15C035: | 2000lm (11W) |
| 20C050: | 2500lm (19W) |
| 25C070: | 3000lm (28W) |
| 30C085: | 3500lm (39W) |
| 35C105: | 4500lm (44W) |
| 50C140: | 5000lm (60W) |



TRIM (Open Adjustable)

|           |                  |
|-----------|------------------|
| LRA471W:  | All White        |
| LRA471B:  | All Black        |
| LRA471S:  | All Satin Haze   |
| LRA471SW: | Satin Haze/White |

BEAM SPREAD

|       |                  |
|-------|------------------|
| -B15: | 15° Narrow Spot  |
| -B25: | 25° Narrow Flood |
| -B45: | 45° Flood        |
| -B60: | 60° Wide Flood   |

WALL WASH - LENSED

FRAME

LHAJLD4

LUMENS (Nominal Delivered)

|         |              |
|---------|--------------|
| 12C025: | 1500lm (9W)  |
| 15C035: | 2000lm (11W) |
| 20C050: | 2500lm (19W) |
| 25C070: | 3000lm (28W) |
| 25C071: | 3500lm (28W) |
| 35C105: | 4500lm (44W) |
| 50C140: | 5000lm (60W) |



TRIM (Lensed Wall Wash)

|           |                  |
|-----------|------------------|
| LRA472W:  | All White        |
| LRA472B:  | All Black        |
| LRA472S:  | All Satin Haze   |
| LRA472SW: | Satin Haze/White |

(For wet locations add -WL)

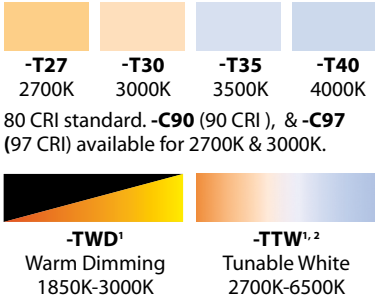
BEAM SPREAD

|       |                  |
|-------|------------------|
| -B15: | 15° Narrow Spot  |
| -B25: | 25° Narrow Flood |
| -B45: | 45° Flood        |
| -B60: | 60° Wide Flood   |

FINISHES



COLOR TEMPERATURES  
(3-Step MacAdam Binning)



AVAILABLE DIMMING<sup>3</sup>

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

FRAME OPTIONS

- Blank: None
- GTD: Generator Transfer Device
- FS: Single Fuse
- EM: Remote Emergency Backup (12W)
- EMAC: Remote Emergency Inverter<sup>4</sup>

C260: C-Channel  
Hanger Bar Set



C260-J: Adjustable C-Channel  
Hanger Bar Set



<sup>1</sup> For -TWD & -TTW, lumen limitations apply. See individual specification pages for more detail.  
<sup>2</sup> Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option.  
<sup>3</sup> All drivers are 120V/277V unless mentioned.  
<sup>4</sup> EMAC emergency option fully illuminates during power failure. Up to 28W only.  
**NOTE:** Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.

Ordering Example: LHABLD4 12C025 UE-DUN -B45 -TWD -FS / LRB41W  
Fixture Lumens Dimming Beam Spread Color Temperature Frame Options Trim



6 INCH | RECESSED | ROUND

6" LUMENBLAST  
RECESSED ROUND

Functions as a  
DOWNLIGHT,  
WALL WASH  
OR ACCENT.

The 6" LumenBlast recessed round housings are available as both a fixed and adjustable downlight with a range of adjustability up to 35°. With four trim options and four trim finishes, the luminaire offers the versatility and high lumen output that is ideal for wall wash applications or highlighting architectural features and items of interest.

1000lm to 10,000lm

DOWNLIGHT - OPEN

| FRAME                      |                 |
|----------------------------|-----------------|
| <b>LHABLD6</b>             |                 |
| LUMENS (Nominal Delivered) |                 |
| <b>12C025:</b>             | 1000lm (9W)     |
| <b>15C035:</b>             | 1500lm (13W)    |
| <b>20C050:</b>             | 2500lm (19W)    |
| <b>35C070:</b>             | 3500lm (28W)    |
| <b>45C105:</b>             | 5000lm (41W)    |
| <b>50C085:</b>             | 6000lm (51W)    |
| <b>60C105:</b>             | 7000lm (64W)    |
| <b>70C125:</b>             | 8000lm (72W)    |
| <b>120C200:</b>            | 10,000lm (116W) |

| BEAM SPREAD  |                     |
|--------------|---------------------|
| <b>-B25:</b> | 25° Narrow Flood    |
| <b>-B45:</b> | 45° Flood           |
| <b>-B60:</b> | 60° Wide Flood      |
| <b>-B90:</b> | 90° Very Wide Flood |



| TRIM (Open)     |                  |
|-----------------|------------------|
| <b>LRB61W:</b>  | All White        |
| <b>LRB61B:</b>  | All Black        |
| <b>LRB61S:</b>  | All Satin Haze   |
| <b>LRB61SW:</b> | Satin Haze/White |

DOWNLIGHT - LENSED

| FRAME                      |                 |
|----------------------------|-----------------|
| <b>LHABLD6</b>             |                 |
| LUMENS (Nominal Delivered) |                 |
| <b>12C025:</b>             | 1000lm (9W)     |
| <b>15C035:</b>             | 1500lm (13W)    |
| <b>20C050:</b>             | 2500lm (19W)    |
| <b>35C070:</b>             | 3500lm (28W)    |
| <b>45C105:</b>             | 5000lm (41W)    |
| <b>50C085:</b>             | 6000lm (51W)    |
| <b>60C105:</b>             | 7000lm (64W)    |
| <b>70C125:</b>             | 8000lm (72W)    |
| <b>120C200:</b>            | 10,000lm (116W) |

| BEAM SPREAD  |                     |
|--------------|---------------------|
| <b>-B25:</b> | 25° Narrow Flood    |
| <b>-B45:</b> | 45° Flood           |
| <b>-B60:</b> | 60° Wide Flood      |
| <b>-B90:</b> | 90° Very Wide Flood |

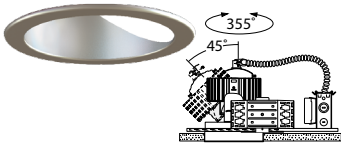


| TRIM (Lensed)               |                  |
|-----------------------------|------------------|
| <b>LRB62W:</b>              | All White        |
| <b>LRB62B:</b>              | All Black        |
| <b>LRB62S:</b>              | All Satin Haze   |
| <b>LRB62SW:</b>             | Satin Haze/White |
| (For wet locations add -WL) |                  |

ADJUSTABLE ACCENT - OPEN

| FRAME                      |                 |
|----------------------------|-----------------|
| <b>LHAJLD6</b>             |                 |
| LUMENS (Nominal Delivered) |                 |
| <b>15C035:</b>             | 1500lm (11W)    |
| <b>20C050:</b>             | 2000lm (19W)    |
| <b>25C070:</b>             | 2500lm (28W)    |
| <b>35C105:</b>             | 3000lm (44W)    |
| <b>50C140:</b>             | 4000lm (60W)    |
| <b>45C105:</b>             | 5000lm (41W)    |
| <b>60C085:</b>             | 6000lm (51W)    |
| <b>55C105:</b>             | 7000lm (64W)    |
| <b>70C125:</b>             | 8000lm (72W)    |
| <b>120C200:</b>            | 10,000lm (116W) |

| BEAM SPREAD  |                     |
|--------------|---------------------|
| <b>-B25:</b> | 25° Narrow Flood    |
| <b>-B45:</b> | 45° Flood           |
| <b>-B60:</b> | 60° Wide Flood      |
| <b>-B90:</b> | 90° Very Wide Flood |



| TRIM (Open Adjustable) |                  |
|------------------------|------------------|
| <b>LRA671W:</b>        | All White        |
| <b>LRA671B:</b>        | All Black        |
| <b>LRA671S:</b>        | All Satin Haze   |
| <b>LRA671SW:</b>       | Satin Haze/White |

WALL WASH - LENSED

| FRAME                      |                 |
|----------------------------|-----------------|
| <b>LHAJLD6</b>             |                 |
| LUMENS (Nominal Delivered) |                 |
| <b>15C035:</b>             | 1500lm (11W)    |
| <b>20C050:</b>             | 2000lm (19W)    |
| <b>25C070:</b>             | 2500lm (28W)    |
| <b>35C105:</b>             | 3000lm (44W)    |
| <b>50C140:</b>             | 4000lm (60W)    |
| <b>45C105:</b>             | 5000lm (41W)    |
| <b>60C085:</b>             | 6000lm (51W)    |
| <b>55C105:</b>             | 7000lm (64W)    |
| <b>70C125:</b>             | 8000lm (72W)    |
| <b>120C200:</b>            | 10,000lm (116W) |

| BEAM SPREAD  |                     |
|--------------|---------------------|
| <b>-B25:</b> | 25° Narrow Flood    |
| <b>-B45:</b> | 45° Flood           |
| <b>-B60:</b> | 60° Wide Flood      |
| <b>-B90:</b> | 90° Very Wide Flood |

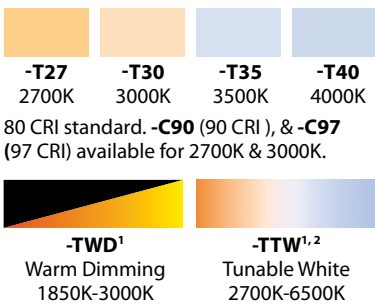


| TRIM (Lensed Wall Wash)     |                  |
|-----------------------------|------------------|
| <b>LRA672W:</b>             | All White        |
| <b>LRA672B:</b>             | All Black        |
| <b>LRA672S:</b>             | All Satin Haze   |
| <b>LRA672SW:</b>            | Satin Haze/White |
| (For wet locations add -WL) |                  |

FINISHES



COLOR TEMPERATURES  
(3-Step MacAdam Binning)



AVAILABLE DIMMING<sup>3</sup>

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

FRAME OPTIONS

- Blank:** None
- GTD:** Generator Transfer Device
- FS:** Single Fuse
- EM:** Remote Emergency Backup (12W)
- EMAC:** Remote Emergency Inverter<sup>4</sup>



<sup>1</sup> For -TWD & -TTW, lumen limitations apply. See individual specification pages for more detail.  
<sup>2</sup> Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option.  
<sup>3</sup> All drivers are 120V/277V unless mentioned.  
<sup>4</sup> EMAC emergency option fully illuminates during power failure. Up to 28W only.  
**NOTE:** Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.

Ordering Example: **LHABLD6** **15C035** **UE-DUN** **-B45** **-T27-C90** **-FS** / **LRB61W**  
Fixture Lumens Dimming Beam Spread Color Temperature Frame Options Trim

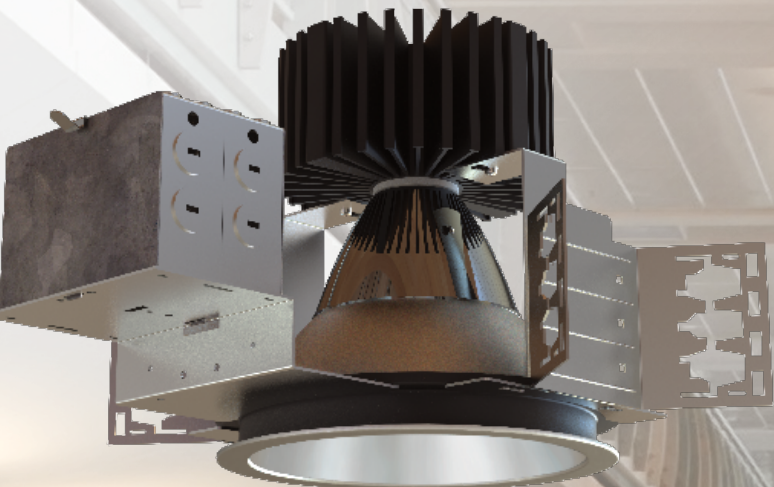


8 INCH | RECESSED | ROUND

8" LUMENBLAST  
RECESSED ROUND

1000 to 10,000  
LUMEN OUTPUT!

The 8" LumenBlast recessed round housings are available with two trim options and four trim finishes, and offers the versatility and high lumen output that is ideal for conference rooms, hotel lobbies, and other large spaces with tall ceiling heights.



12 YEAR  
WARRANTY  
Excluding LED Driver

DOWNLIGHT - OPEN

FRAME

LHABLD8

LUMENS (Nominal Delivered)

|          |                 |
|----------|-----------------|
| 12C025:  | 1000lm (9W)     |
| 15C035:  | 1500lm (13W)    |
| 20C050:  | 2500lm (19W)    |
| 35C070:  | 3500lm (28W)    |
| 45C105:  | 5000lm (41W)    |
| 50C085:  | 6000lm (51W)    |
| 60C105:  | 7000lm (64W)    |
| 70C125:  | 8000lm (72W)    |
| 120C200: | 10,000lm (116W) |

BEAM SPREAD

|       |                     |
|-------|---------------------|
| -B15: | 15° Narrow Spot     |
| -B20: | 20° Spot            |
| -B40: | 40° Flood           |
| -B70: | 70° Very Wide Flood |



TRIM (Open)

|          |                  |
|----------|------------------|
| LRB81W:  | All White        |
| LRB81B:  | All Black        |
| LRB81S:  | All Satin Haze   |
| LRB81SW: | Satin Haze/White |

DOWNLIGHT - LENSED

FRAME

LHABLD8

LUMENS (Nominal Delivered)

|          |                 |
|----------|-----------------|
| 12C025:  | 1000lm (9W)     |
| 15C035:  | 1500lm (13W)    |
| 20C050:  | 2500lm (19W)    |
| 35C070:  | 3500lm (28W)    |
| 45C105:  | 5000lm (41W)    |
| 50C085:  | 6000lm (51W)    |
| 60C105:  | 7000lm (64W)    |
| 70C125:  | 8000lm (72W)    |
| 120C200: | 10,000lm (116W) |

BEAM SPREAD

|       |                     |
|-------|---------------------|
| -B15: | 15° Narrow Spot     |
| -B20: | 20° Spot            |
| -B40: | 40° Flood           |
| -B70: | 70° Very Wide Flood |



TRIM (Lensed)

|          |                  |
|----------|------------------|
| LRB82W:  | All White        |
| LRB82B:  | All Black        |
| LRB82S:  | All Satin Haze   |
| LRB82SW: | Satin Haze/White |

(For wet locations add -WL)

AVAILABLE  
2019

FINISHES

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| W<br>All White                                                                      | B<br>All Black                                                                      | S<br>All Satin Haze                                                                 | SW<br>Satin Haze/White                                                              |

COLOR TEMPERATURES  
(3-Step MacAdam Binning)

|                                                                                       |                                                                                     |                                                                                       |                                                                                     |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|    |  |    |  |
| -T27<br>2700K                                                                         | -T30<br>3000K                                                                       | -T35<br>3500K                                                                         | -T40<br>4000K                                                                       |
| 80 CRI standard. -C90 (90 CRI) and -C97 (97 CRI) options available for 2700K & 3000K. |                                                                                     |                                                                                       |                                                                                     |
|  |                                                                                     |  |                                                                                     |
| -TWD <sup>1</sup><br>Warm Dimming<br>1850K-3000K                                      |                                                                                     | -TTW <sup>1,2</sup><br>Tunable White<br>2700K-6500K                                   |                                                                                     |

AVAILABLE DIMMING<sup>3</sup>

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

FRAME OPTIONS

- Blank: None
- GTD: Generator Transfer Device
- FS: Single Fuse
- EM: Remote Emergency Backup (12W)
- EMAC: Remote Emergency Inverter<sup>4</sup>

-C260: C-Channel  
Hanger Bar Set



-C260-J: Adjustable C-Channel  
Hanger Bar Set



<sup>1</sup> For -TWD & -TTW, lumen limitations apply. See individual specification pages for more detail.  
<sup>2</sup> Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option.  
<sup>3</sup> All drivers are 120V/277V unless mentioned.  
<sup>4</sup> EMAC emergency option fully illuminates during power failure. Up to 28W only.

NOTE: Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.

Ordering Example: LHABLD8 12C025 UE-DUN -B20 -T27-C90 -FS / LRB81W  
Fixture Lumens Dimming Beam Spread Color Temperature Frame Options Trim



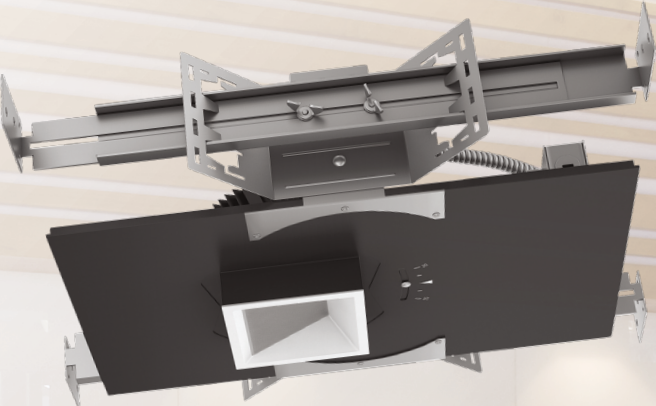
4 INCH | RECESSED | SQUARE

4" LUMENBLAST  
RECESSED SQUARE

Internal adjustments  
FOR PRECISE  
BEAM AIMING.

The 4" LumenBlast recessed square housings are designed for medium to high ceiling heights and is available as both a fixed and adjustable downlight with a range of adjustability up to to 35°. 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.

1000lm to 7000lm



12 YEAR  
WARRANTY  
Excluding LED Driver

DOWNLIGHT - OPEN

FRAME

LHABLDQ4

LUMENS (Delivered)

|         |              |
|---------|--------------|
| 12C025: | 1000lm (9W)  |
| 15C035: | 1500lm (13W) |
| 20C050: | 2500lm (19W) |
| 35C070: | 3500lm (27W) |
| 45C105: | 5000lm (41W) |
| 50C085: | 6000lm (51W) |
| 60C105: | 7000lm (64W) |

TRIM (Open)

|           |                  |
|-----------|------------------|
| LRAQ41W:  | All White        |
| LRAQ41B:  | All Black        |
| LRAQ41S:  | All Satin Haze   |
| LRAQ41SW: | Satin Haze/White |

BEAM SPREAD

|       |                     |
|-------|---------------------|
| -B15: | 15° Narrow Spot     |
| -B20: | 20° Spot            |
| -B40: | 40° Flood           |
| -B70: | 70° Very Wide Flood |



DOWNLIGHT - LENSED

FRAME

LHABLDQ4

LUMENS (Delivered)

|         |              |
|---------|--------------|
| 12C025: | 1000lm (9W)  |
| 15C035: | 1500lm (13W) |
| 20C050: | 2500lm (19W) |
| 35C070: | 3500lm (27W) |
| 45C105: | 5000lm (41W) |
| 50C085: | 6000lm (51W) |
| 60C105: | 7000lm (64W) |

TRIM (Lensed)

|           |                  |
|-----------|------------------|
| LRAQ42W:  | All White        |
| LRAQ42B:  | All Black        |
| LRAQ42S:  | All Satin Haze   |
| LRAQ42SW: | Satin Haze/White |

(For wet locations add -WL)

BEAM SPREAD

|       |                     |
|-------|---------------------|
| -B15: | 15° Narrow Spot     |
| -B20: | 20° Spot            |
| -B40: | 40° Flood           |
| -B70: | 70° Very Wide Flood |



ADJUSTABLE ACCENT - OPEN

FRAME

LHAJLDQ4

LUMENS (Delivered)

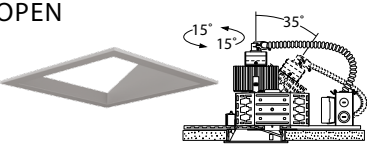
|         |              |
|---------|--------------|
| 12C025: | 1500lm (9W)  |
| 15C035: | 2000lm (11W) |
| 20C050: | 2500lm (19W) |
| 25C070: | 3000lm (28W) |
| 30C085: | 3500lm (39W) |
| 35C105: | 4500lm (44W) |
| 50C140: | 5000lm (60W) |

TRIM (Open Adjustable)

|            |                  |
|------------|------------------|
| LRAQ472W:  | All White        |
| LRAQ472B:  | All Black        |
| LRAQ472S:  | All Satin Haze   |
| LRAQ472SW: | Satin Haze/White |

BEAM SPREAD

|       |                  |
|-------|------------------|
| -B15: | 15° Narrow Spot  |
| -B25: | 25° Narrow Flood |
| -B45: | 45° Flood        |
| -B60: | 60° Wide Flood   |



WALL WASH - LENSED

FRAME

LHAJLDQ4

LUMENS (Delivered)

|         |              |
|---------|--------------|
| 12C025: | 1500lm (9W)  |
| 15C035: | 2000lm (11W) |
| 20C050: | 2500lm (19W) |
| 25C070: | 3000lm (28W) |
| 30C085: | 3500lm (39W) |
| 35C105: | 4500lm (44W) |
| 50C140: | 5000lm (60W) |

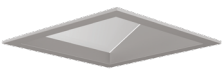
TRIM (Lensed Wall Wash)

|            |                  |
|------------|------------------|
| LRAQ471W:  | All White        |
| LRAQ471B:  | All Black        |
| LRAQ471S:  | All Satin Haze   |
| LRAQ471SW: | Satin Haze/White |

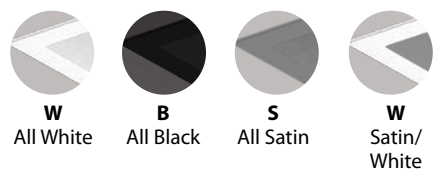
(For wet locations add -WL)

BEAM SPREAD

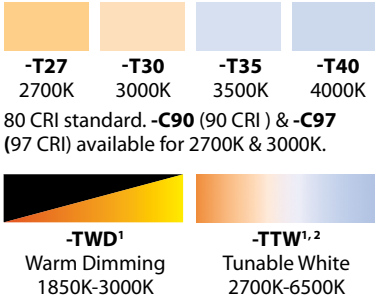
|       |                  |
|-------|------------------|
| -B15: | 15° Narrow Spot  |
| -B25: | 25° Narrow Flood |
| -B45: | 45° Flood        |
| -B60: | 60° Wide Flood   |



FINISHES



COLOR TEMPERATURES  
(3-Step MacAdam Binning)



AVAILABLE DIMMING<sup>3</sup>

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

FRAME OPTIONS

- Blank:** None
- GTD:** Generator Transfer Device
- FS:** Single Fuse
- EM:** Remote Emergency Backup (12W)
- EMAC:** Remote Emergency Inverter<sup>4</sup>



Ordering Example: LHABLDQ4 12C025 UE-DUN -B40 -T27-C90 -FS / LRAQ41W  
Fixture Lumens Dimming Beam Spread Color Temperature Frame Options Trim

<sup>1</sup> For -TWD & -TTW, lumen limitations apply. See individual specification pages for more detail.  
<sup>2</sup> Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option.  
<sup>3</sup> All drivers are 120V/277V unless mentioned.  
<sup>4</sup> EMAC emergency option fully illuminates during power failure Up to 28W only.  
**NOTE:** Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.



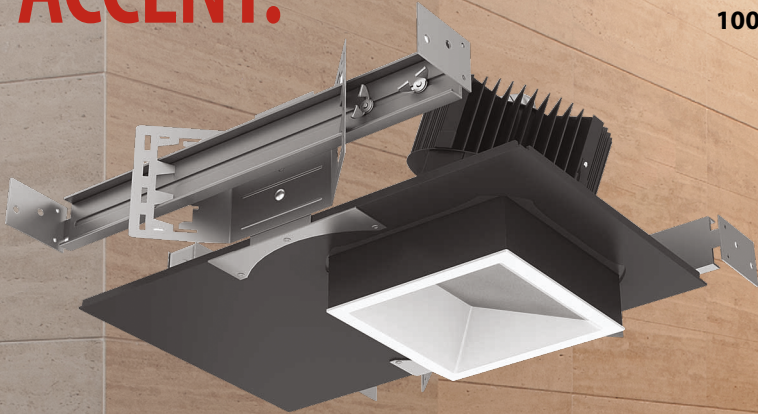
6 INCH | RECESSED | SQUARE

6" LUMENBLAST  
RECESSED SQUARE

Functions as a  
DOWNLIGHT,  
WALL WASH  
OR ACCENT.

The 6" LumenBlast recessed square housings are available as both fixed and adjustable downlight with a range of adjustability up to 35°. With four trim options and four trim finishes, the luminaire offers the versatility and high lumen output that is ideal for wall wash applications or highlighting architectural features and items of interest.

1000lm to 10,000lm



12 YEAR  
WARRANTY  
Excluding LED Driver

DOWNLIGHT - OPEN

FRAME

LHAJLDQ6

LUMENS (Delivered)

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

BEAM SPREAD

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



TRIM (Open)

|            |                  |
|------------|------------------|
| LRAQ621W:  | All White        |
| LRAQ621B:  | All Black        |
| LRAQ621S:  | All Satin Haze   |
| LRAQ621SW: | Satin Haze/White |

DOWNLIGHT - LENSED

FRAME

LHAJLDQ6

LUMENS (Delivered)

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

BEAM SPREAD

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



TRIM (Lensed)

|            |                                                 |
|------------|-------------------------------------------------|
| LRAQ602W:  | All White                                       |
| LRAQ602B:  | All Black                                       |
| LRAQ602S:  | All Satin Haze                                  |
| LRAQ602SW: | Satin Haze/White<br>(For wet locations add -WL) |

ADJUSTABLE ACCENT - OPEN

FRAME

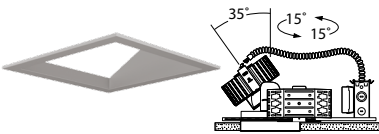
LHAJLDQ6

LUMENS (Delivered)

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

BEAM SPREAD

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



TRIM (Open Adjustable)

|            |                  |
|------------|------------------|
| LRAQ672W:  | All White        |
| LRAQ672B:  | All Black        |
| LRAQ672S:  | All Satin Haze   |
| LRAQ672SW: | Satin Haze/White |

WALL WASH - LENSED

FRAME

LHAJLDQ6

LUMENS (Delivered)

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

BEAM SPREAD

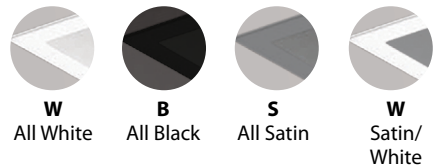
|       |                     |
|-------|---------------------|
| -B25: | 25° Narrow Flood    |
| -B45: | 45° Flood           |
| -B60: | 60° Wide Flood      |
| -B90: | 90° Very Wide Flood |



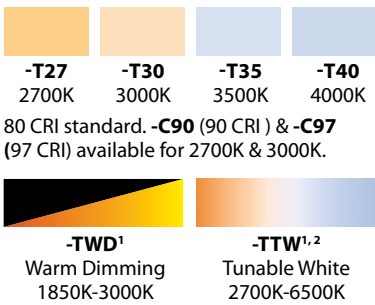
TRIM (Lensed Wall Wash)

|            |                                                 |
|------------|-------------------------------------------------|
| LRAQ671W:  | All White                                       |
| LRAQ671B:  | All Black                                       |
| LRAQ671S:  | All Satin Haze                                  |
| LRAQ671SW: | Satin Haze/White<br>(For wet locations add -WL) |

FINISHES



COLOR TEMPERATURES  
(3-Step MacAdam Binning)



AVAILABLE DIMMING<sup>3</sup>

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

FRAME OPTIONS

- Blank:** None
- GTD:** Generator Transfer Device
- FS:** Single Fuse
- EM:** Remote Emergency Backup (12W)
- EMAC:** Remote Emergency Inverter<sup>4</sup>

-C260: C-Channel  
Hanger Bar Set



-C260-J: Adjustable C-Channel  
Hanger Bar Set



Ordering Example: LHAJLDQ6 15C035 UE-DUN -B25 -TWD -FS / LRAQ621W  
Fixture Lumens Dimming Beam Spread Color Temperature Frame Options Trim

<sup>1</sup> For -TWD & -TTW, lumen limitations apply. See individual specification pages for more detail.  
<sup>2</sup> Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option.  
<sup>3</sup> All drivers are 120V/277V unless mentioned.  
<sup>4</sup> EMAC emergency option fully illuminates during power failure. Up to 28W only.  
**NOTE:** Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.



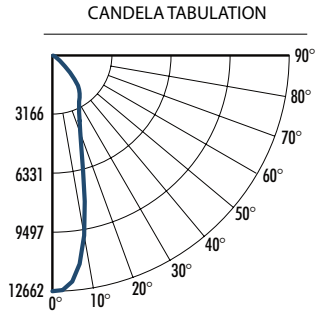
SAMPLE PHOTOMETRY (4" LumenBlast Recessed Round Downlight - Open)

|                        |        |        |        |        |        |        |        |
|------------------------|--------|--------|--------|--------|--------|--------|--------|
| NOMINAL LUMEN PACKAGE: | 1000lm | 1500lm | 2500lm | 3500lm | 5000lm | 6000lm | 7000lm |
| SYSTEM POWER:          | 9W     | 13W    | 19W    | 28W    | 41W    | 51W    | 64W    |

LHABLD460C105UE-DUN-B25-T40/LRA41W (7000lm, 25°, 4000K)

|                    |          |
|--------------------|----------|
| System Power:      | 63.8W    |
| Test Date:         | 5/9/2018 |
| Beam Angle 50%:    | 29.0°    |
| Field Angle 0%:    | 90.9°    |
| Color Temp. (CCT): | 4000K    |
| CRI :              | 80       |
| Lumens Delivered:  | 7142.4   |
| CBCP:              | 12662    |
| Power Factor:      | >0.90    |

| MULTIPLIERS   |              |
|---------------|--------------|
| Lumen         | CCT          |
| 7000lm : 1.00 | 4000K : 1.00 |
| 6000lm : 0.82 | 3500K : 0.99 |
| 5000lm : 0.69 | 3000K : 0.98 |
| 3500lm : 0.47 | 2700K : 0.94 |
| 2500lm : 0.34 |              |
| 1500lm : 0.24 |              |
| 1000lm : 0.18 |              |
| CRI           |              |
| 80 CRI : 1.00 |              |
| 90 CRI : 0.86 |              |
| 97 CRI : 0.77 |              |

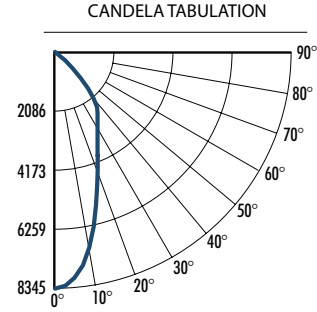


| Height | Beam Diameter | Footcandle (FC) |           |
|--------|---------------|-----------------|-----------|
|        |               | Beam Center     | Beam Edge |
| 8.0'   | 4.1'          | 197.84          | 90.79     |
| 10.0'  | 5.2'          | 126.62          | 58.10     |
| 15.0'  | 7.8'          | 56.3            | 25.82     |
| 20.0'  | 10.3'         | 31.7            | 14.53     |
| 25.0'  | 12.9'         | 20.3            | 9.30      |

LHABLD460C105UE-DUN-B45-T40/LRA41W (7000lm, 45°, 4000K)

|                    |          |
|--------------------|----------|
| System Power:      | 63.8W    |
| Test Date:         | 5/9/2018 |
| Beam Angle 50%:    | 43.1°    |
| Field Angle 10%:   | 96.9°    |
| Color Temp. (CCT): | 4000K    |
| CRI :              | 80       |
| Lumens Delivered:  | 6980.1   |
| CBCP:              | 8345     |
| Power Factor:      | >0.90    |

| MULTIPLIERS   |              |
|---------------|--------------|
| Lumen         | CCT          |
| 7000lm : 1.00 | 4000K : 1.00 |
| 6000lm : 0.82 | 3500K : 0.99 |
| 5000lm : 0.69 | 3000K : 0.98 |
| 3500lm : 0.47 | 2700K : 0.94 |
| 2500lm : 0.34 |              |
| 1500lm : 0.24 |              |
| 1000lm : 0.18 |              |
| CRI           |              |
| 80 CRI : 1.00 |              |
| 90 CRI : 0.86 |              |
| 97 CRI : 0.77 |              |

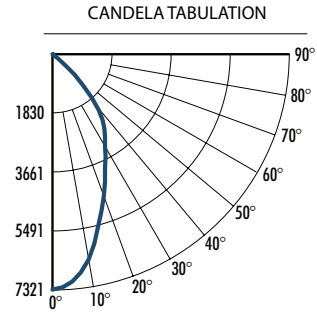


| Height | Beam Diameter | Footcandle (FC) |           |
|--------|---------------|-----------------|-----------|
|        |               | Beam Center     | Beam Edge |
| 8.0'   | 6.3'          | 130.39          | 49.89     |
| 10.0'  | 7.9'          | 83.45           | 31.93     |
| 15.0'  | 11.8'         | 37.1            | 14.19     |
| 20.0'  | 15.8'         | 20.9            | 7.98      |
| 25.0'  | 19.7'         | 13.4            | 5.11      |

LHABLD460C105UE-DUN-B60-T40/LRA41W (7000lm, 60°, 4000K)

|                    |          |
|--------------------|----------|
| System Power:      | 63.8W    |
| Test Date:         | 5/9/2018 |
| Beam Angle 50%:    | 53.1°    |
| Field Angle 10%:   | 98.9°    |
| Color Temp. (CCT): | 4000K    |
| CRI :              | 80       |
| Lumens Delivered:  | 7055.6   |
| CBCP:              | 7314     |
| Power Factor:      | >0.90    |

| MULTIPLIERS   |              |
|---------------|--------------|
| Lumen         | CCT          |
| 7000lm : 1.00 | 4000K : 1.00 |
| 6000lm : 0.82 | 3500K : 0.99 |
| 5000lm : 0.69 | 3000K : 0.98 |
| 3500lm : 0.47 | 2700K : 0.94 |
| 2500lm : 0.34 |              |
| 1500lm : 0.24 |              |
| 1000lm : 0.17 |              |
| CRI           |              |
| 80 CRI : 1.00 |              |
| 90 CRI : 0.86 |              |
| 97 CRI : 0.77 |              |

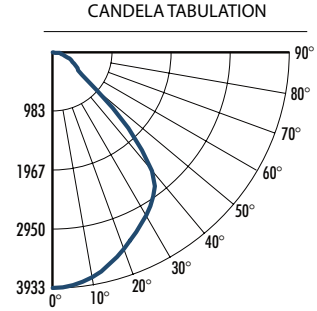


| Height | Beam Diameter | Footcandle (FC) |           |
|--------|---------------|-----------------|-----------|
|        |               | Beam Center     | Beam Edge |
| 8.0'   | 8.0'          | 114.28          | 40.84     |
| 10.0'  | 10.0'         | 73.14           | 26.13     |
| 15.0'  | 15.0'         | 32.5            | 11.62     |
| 20.0'  | 20.0'         | 18.3            | 6.53      |
| 25.0'  | 25.0'         | 11.7            | 4.18      |

LHABLD460C105UE-DUN-B90-T40/LRA41W (7000lm, 90°, 4000K)

|                    |          |
|--------------------|----------|
| System Power:      | 63.8W    |
| Test Date:         | 5/9/2018 |
| Beam Angle 50%:    | 88.4°    |
| Field Angle 10%:   | 126.0°   |
| Color Temp. (CCT): | 4000K    |
| CRI :              | 80       |
| Lumens Delivered:  | 7279.2   |
| CBCP:              | 3933     |
| Power Factor:      | >0.90    |

| MULTIPLIERS   |              |
|---------------|--------------|
| Lumen         | CCT          |
| 7000lm : 1.00 | 4000K : 1.00 |
| 6000lm : 0.82 | 3500K : 0.99 |
| 5000lm : 0.69 | 3000K : 0.98 |
| 3500lm : 0.47 | 2700K : 0.94 |
| 2500lm : 0.34 |              |
| 1500lm : 0.24 |              |
| 1000lm : 0.18 |              |
| CRI           |              |
| 80 CRI : 1.00 |              |
| 90 CRI : 0.86 |              |
| 97 CRI : 0.77 |              |



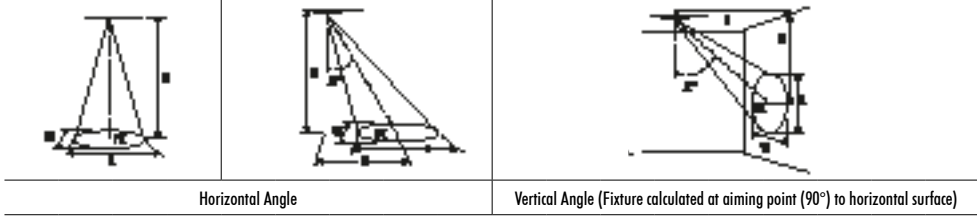
| Height | Beam Diameter | Footcandle (FC) |           |
|--------|---------------|-----------------|-----------|
|        |               | Beam Center     | Beam Edge |
| 8.0'   | 15.5'         | 61.45           | 10.30     |
| 10.0'  | 19.4'         | 39.33           | 6.59      |
| 15.0'  | 29.1'         | 17.5            | 2.93      |
| 20.0'  | 38.8'         | 9.8             | 1.65      |
| 25.0'  | 48.5'         | 6.3             | 1.06      |

Refer to individual specification pages at <https://liton.com/> for additional photometric data

SAMPLE PHOTOMETRY (4" LumenBlast Recessed Round Adjustable Accent - Open)

|                        |        |        |        |        |        |        |
|------------------------|--------|--------|--------|--------|--------|--------|
| NOMINAL LUMEN PACKAGE: | 1500lm | 2000lm | 2500lm | 3000lm | 4500lm | 5000lm |
| SYSTEM POWER:          | 9W     | 11W    | 19W    | 28W    | 44W    | 60W    |

D = Distance from ceiling to ground/wall  
H = Distance to FC center of beam  
FC = Footcandles  
W = Beam width  
L = Beam length



LHAJLD450C140UE-DUN-B45-T40LRA471W (5000lm, 45°, 4000K)

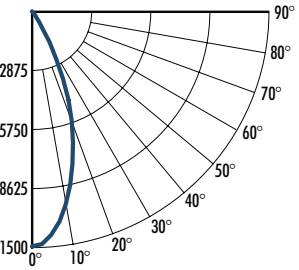
|                    |           |
|--------------------|-----------|
| System Power:      | 60.0W     |
| Test Date:         | 5/14/2018 |
| Beam Angle 50%:    | 36.4°     |
| Field Angle 0%:    | 64.5°     |
| Color Temp. (CCT): | 4000K     |
| CRI :              | 80        |
| Lumens Delivered:  | 5330.5    |
| CBCP:              | 11500     |
| Power Factor:      | > 0.9     |

|                 |
|-----------------|
| (Tilted at 35°) |
| 60.0W           |
| 5/14/2018       |
| 35.3°           |
| 65.5°           |
| 4000K           |
| 80              |
| 5341            |
| 10016           |
| > 0.9           |

| MULTIPLIERS   |              |
|---------------|--------------|
| Lumen         | CCT          |
| 5000lm : 1.00 | 4000K : 1.00 |
| 4500lm : 0.88 | 3500K : 0.93 |
| 3500lm : 0.57 | 3000K : 0.93 |
| 3000lm : 0.48 | 2700K : 0.87 |
| 2500lm : 0.50 |              |
| 2000lm : 0.37 |              |
| 1500lm : 0.28 |              |
| CRI           |              |
| 80 CRI : 1.00 |              |
| 93 CRI : 0.84 |              |

| No Angle Tilt (0°) |    |       |       | Angle A° = 20° |       |    |       | Angle A° = 20° |       |       |    | Angle A° = 35° |       |       |    |       |         |
|--------------------|----|-------|-------|----------------|-------|----|-------|----------------|-------|-------|----|----------------|-------|-------|----|-------|---------|
| H                  | FC | W     | L     | H              | D     | FC | W     | L              | D     | H     | FC | W              | D     | H     | FC | W     | L       |
| 8.0'               | 83 | 11.0' | 11.0' | 8.0'           | 2.9'  | 69 | 11.7' | 13.3'          | 4.0'  | 11.0' | 13 | 16.1'          | 4.0'  | 5.7'  | 63 | 9.6'  | 456.9'  |
| 10.0'              | 53 | 13.7' | 13.7' | 10.0'          | 3.6'  | 44 | 14.6' | 16.6'          | 6.0'  | 16.5' | 6  | 24.1'          | 6.0'  | 8.6'  | 28 | 14.4' | 685.3'  |
| 20.0'              | 13 | 27.5' | 27.5' | 20.0'          | 7.3'  | 11 | 29.3' | 33.2'          | 8.0'  | 22.0' | 3  | 32.2'          | 8.0'  | 11.4' | 16 | 19.2' | 913.7'  |
| 25.0'              | 9  | 34.4' | 34.4' | 25.0'          | 9.1'  | 7  | 36.6' | 41.5'          | 10.0' | 27.5' | 2  | 40.2'          | 10.0' | 14.3' | 10 | 24.0' | 1142.1' |
| 30.0'              | 6  | 41.2' | 41.2' | 30.0'          | 10.9' | 5  | 43.9' | 49.8'          | 12.0' | 33.0' | 1  | 48.2'          | 12.0' | 17.1' | 7  | 28.8' | 1370.6' |

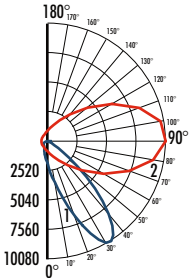
CANDELA TABULATION



MULTIPLIER (Tilted at 35°)

| Lumen         |
|---------------|
| 5000lm : 1.00 |
| 4500lm : 0.87 |
| 3500lm : 0.55 |
| 3000lm : 0.45 |
| 2500lm : 0.50 |
| 2000lm : 0.37 |
| 1500lm : 0.28 |

CANDELA TABULATION (Tilted at 32.5°)



# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

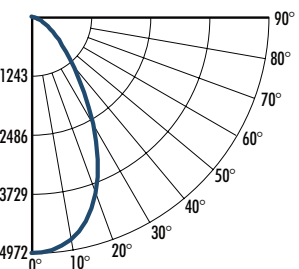
LHAJLD450C140UE-DUN-B60-T40/LRA471W (5000lm, 60°, 4000K)

|                    |           |
|--------------------|-----------|
| System Power:      | 60.0W     |
| Test Date:         | 6/18/2018 |
| Beam Angle 50%:    | 61.7°     |
| Field Angle 0%:    | 114.3°    |
| Color Temp. (CCT): | 4000K     |
| CRI :              | 80        |
| Lumens Delivered:  | 6161.6    |
| CBCP:              | 4971      |
| Power Factor:      | > 0.9     |

| MULTIPLIERS   |              |
|---------------|--------------|
| Lumen         | CCT          |
| 5000lm : 1.00 | 4000K : 1.00 |
| 4500lm : 0.87 | 3500K : 0.93 |
| 3500lm : 0.52 | 3000K : 0.93 |
| 3000lm : 0.43 | 2700K : 0.87 |
| 2500lm : 0.41 |              |
| 2000lm : 0.37 |              |
| 1500lm : 0.28 |              |
| CRI           |              |
| 80 CRI : 1.00 |              |
| 93 CRI : 0.84 |              |

| No Angle Tilt (0°) |     |       |       | Angle A° = 20° |      |     |       |       | Angle A° = 20° |       |    |       | Angle A° = 35° |       |    |       |        |
|--------------------|-----|-------|-------|----------------|------|-----|-------|-------|----------------|-------|----|-------|----------------|-------|----|-------|--------|
| H                  | FC  | W     | L     | H              | D    | FC  | W     | L     | D              | H     | FC | W     | D              | H     | FC | W     | L      |
| 6.0'               | 138 | 7.2'  | 7.2'  | 6.0'           | 2.2' | 115 | 7.6'  | 8.5'  | 4.0'           | 11.0' | 12 | 14.0' | 4.0'           | 5.7'  | 59 | 8.3'  | 53.3'  |
| 8.0'               | 78  | 9.6'  | 9.6'  | 8.0'           | 2.9' | 64  | 10.2' | 11.4' | 6.0'           | 16.5' | 6  | 21.0' | 6.0'           | 8.6'  | 26 | 12.5' | 80.0'  |
| 14.0'              | 25  | 16.7' | 16.7' | 14.0'          | 5.1' | 21  | 17.8' | 19.9' | 8.0'           | 22.0' | 3  | 27.9' | 8.0'           | 11.4' | 15 | 16.7' | 106.7' |
| 16.0'              | 19  | 19.1' | 19.1' | 16.0'          | 5.8' | 16  | 20.3' | 22.7' | 10.0'          | 27.5' | 2  | 34.9' | 10.0'          | 14.3' | 9  | 20.8' | 133.3' |
| 18.0'              | 15  | 21.5' | 21.5' | 18.0'          | 6.6' | 13  | 22.9' | 25.6' | 12.0'          | 33.0' | 1  | 41.9' | 12.0'          | 17.1' | 7  | 25.0' | 160.0' |

CANDELA TABULATION



Refer to individual specification pages at <https://liton.com/> for additional photometric data





Fully Adjustable  
THREE SIZES!

LITON's 2.5", 3.5" and 5" CyloPro provides the flexibility to put the light where you want it, whether into tight corners or accenting your favorite collection. With the FR Frosted Lens, and LVR Louver options you have even more control. Mounting options include surface mount, 12", 24", 36" and 48" stem pendant mounts and track mounting.



Wall Mount



CyloPro can be adjusted to function as a wall mounted downlight/uplight

Up to 340°  
Rotation

Up to 90°  
Angle

2.5, 3.5 & 5 INCH | SURFACE | WALL | PENDANT | TRACK

2.5" ADJUSTABLE ACCENT - 15W, 1000lm

FIXTURE  
LCALDJ2

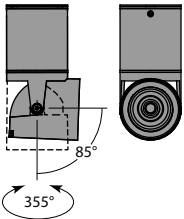
|                    |              |
|--------------------|--------------|
| LUMENS (Delivered) |              |
| -L07:              | 700lm (10W)  |
| -L09:              | 1000lm (15W) |

BEAM SPREAD

|        |                  |
|--------|------------------|
| Blank: | 40° Flood        |
| -B15:  | 15° Narrow Spot  |
| -B25:  | 25° Narrow Flood |
| -B60:  | 60° Narrow Flood |

DIMMING

|         |                                |
|---------|--------------------------------|
| Blank:  | Non-Dimming                    |
| UE-DUN: | 2-Wire, ELV, 0-10V (120V/277V) |



3.5" ADJUSTABLE ACCENT - 30W, 2500lm

FIXTURE  
LCALDJ3

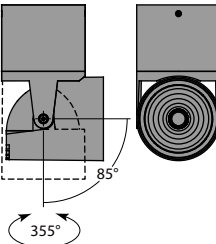
|                    |              |
|--------------------|--------------|
| LUMENS (Delivered) |              |
| -L15:              | 1500lm (20W) |
| -L20:              | 2000lm (30W) |

BEAM SPREAD

|        |                  |
|--------|------------------|
| Blank: | 40° Flood        |
| -B15:  | 15° Narrow Spot  |
| -B25:  | 25° Narrow Flood |
| -B60:  | 60° Narrow Flood |

DIMMING

|         |                                |
|---------|--------------------------------|
| Blank:  | Non-Dimming                    |
| -DIN:   | 2-Wire ELV (120V)              |
| UE-D10: | 0-10V (120V/277V)              |
| UE-DUN: | 2-Wire, ELV, 0-10V (120V/277V) |



5" ADJUSTABLE ACCENT - 50W, 4000lm

FIXTURE  
LCALDJ5

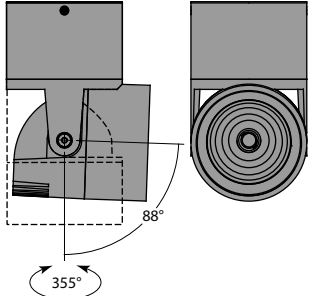
|                    |              |
|--------------------|--------------|
| LUMENS (Delivered) |              |
| -L25:              | 2500lm (30W) |
| -L35:              | 3500lm (35W) |

BEAM SPREAD

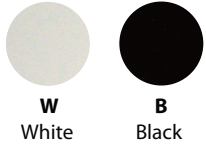
|        |                  |
|--------|------------------|
| Blank: | 40° Flood        |
| -B15:  | 15° Narrow Spot  |
| -B25:  | 25° Narrow Flood |

DIMMING

|         |                                |
|---------|--------------------------------|
| Blank:  | Non-Dimming                    |
| -DIN:   | 2-Wire ELV (120V)              |
| UE-D10: | 0-10V (120V/277V)              |
| UE-DUN: | 2-Wire, ELV, 0-10V (120V/277V) |



FINISHES



COLOR TEMPERATURES  
(3-Step MacAdam Binning)

|       |       |       |       |
|-------|-------|-------|-------|
| -T27  | Blank | -T35  | -T40  |
| 2700K | 3000K | 3500K | 4000K |

90 CRI standard. -T27-C97 (97 CRI) & -T30-C97 (97 CRI) available for 2700 & 3000K.

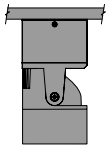


-TWD  
Warm Dimming  
1850K-3000K

MOUNTING

SURFACE MOUNT

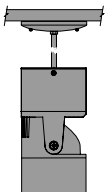
|      |                                               |
|------|-----------------------------------------------|
| -40: | Surface Mount<br>(3.5" & 4.5" Octagonal Jbox) |
|------|-----------------------------------------------|



Surface Mount

PENDANT MOUNT

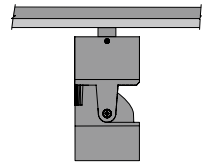
|         |                         |
|---------|-------------------------|
| STM12:  | 12" Stem Pendant        |
| STM24:  | 24" Stem Pendant        |
| STM36:  | 36" Stem Pendant        |
| STM48:  | 48" Stem Pendant        |
| STM12J: | 12" Stem Pendant (Adj.) |
| STM24J: | 24" Stem Pendant (Adj.) |
| STM36J: | 36" Stem Pendant (Adj.) |
| STM48J: | 48" Stem Pendant (Adj.) |



Stem Pendant Mount

TRACK MOUNT

|        |                                 |
|--------|---------------------------------|
| -1C1N: | Track - 1 & 2-circuit/1-Neutral |
| -2C2N: | Track - 2-circuit/1-Neutral     |
| -3C1N: | Track - 3-circuit/1-Neutral     |



Track Connector Mount

ACCESSORIES

- FR: Frosted Lens
- LVR: Louver

NOTE: Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.

|                   |         |        |        |             |         |                   |          |             |
|-------------------|---------|--------|--------|-------------|---------|-------------------|----------|-------------|
| Ordering Example: | LCALDJ2 | W      | -L09   | -B25        | -DIN    | -T27              | -STM24   | -FR         |
|                   | Fixture | Finish | Lumens | Beam Spread | Dimming | Color Temperature | Mounting | Accessories |



4" LUMEN CANNON

Now with 4" WALL MOUNT!

Designed for atriums, lobbies and other hospitality areas at heights up to 15', the 4" Lumen Cannon comes in wall and ceiling mount configurations, offering powerful lumen output for indoor ceilings. Pendant mount kits are available up to 48" and cable extension kits are available up to 120".



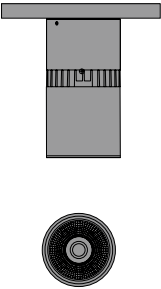
4 INCH | CEILING | WALL | PENDANT MOUNT | ROUND

DOWNLIGHT - Ceiling/Pendant Mount

FIXTURE  
LCALD4

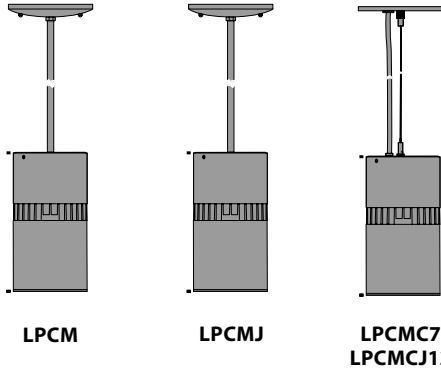
| LUMENS (Delivered) |                           |
|--------------------|---------------------------|
| 060:               | 600lm (12 W)              |
| 120:               | 1100lm (14W)              |
| 220:               | 2200lm (25W) <sup>1</sup> |

| BEAM SPREAD |                     |
|-------------|---------------------|
| Blank:      | 30° Narrow Flood    |
| -B50:       | 50° Wide Flood      |
| -B70:       | 70° Very Wide Flood |



MOUNTING OPTIONS - LCALD4

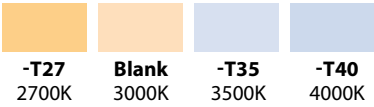
| MOUNT    |                                                    | SIZE         |
|----------|----------------------------------------------------|--------------|
| LPCM:    | Pendant for Flat Ceilings                          | 12: 12" Stem |
| LPCMJ:   | Pendant for Sloped Ceilings                        | 18: 18" Stem |
| LPCMQ:   | Square Ceiling Adapter                             | 24: 24" Stem |
| LPCM72:  | Cable Extension Kit, 72" max.                      | 36: 36" Stem |
| LPCM120: | Cable Extension Kit, 120" max. For Sloped Ceilings | 48: 48" Stem |
| FINISH   |                                                    |              |
| W:       | White                                              |              |
| B:       | Black                                              |              |
| N:       | Natural                                            |              |



FINISHES



COLOR TEMPERATURES



**CRI OPTIONS:**  
**Blank:** 80 CRI  
**-C90:** 90+ CRI  
**-C97:** 97 CRI

**AVAILABLE DIMMING**  
**Blank:** Non-Dimming (120V)  
**UE:** Non-Dimming (120V/277V)  
**UE-DUN:** UniDim™ (120V-277V)  
0-10V, ELV, Triac Dimming (5%)

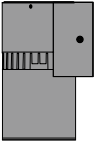
<sup>1</sup>Not for use with surface mount applications.  
<sup>2</sup>Custom finish. Consult factory.

DOWNLIGHT - Wall Mount

FIXTURE  
LWMLD4

| LUMENS (Delivered) |              |
|--------------------|--------------|
| 060:               | 600lm (12W)  |
| 120:               | 1100lm (14W) |
| 220:               | 2200lm (25W) |

| BEAM SPREAD |                  |
|-------------|------------------|
| Blank:      | 30° Narrow Flood |
| -B50:       | 50° Wide Flood   |



NOTE: Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.

Ordering Example: LWMLD4 B 060 -B50 UE-DUN -T27  
Fixture Finish Lumen Package Beam Spread Dimming Color Temperature



6" LUMEN CANNON

Up to 11000lm for 60' CEILINGS!

Designed for larger venues and for applications that have ceiling heights up to 60', the 6" Lumen Cannon comes in wall and ceiling mount configurations, offering powerful lumen output for indoor ceilings. Pendant mount kits are available up to 48" and cable extension kits are available up to 120".



Wall Mount



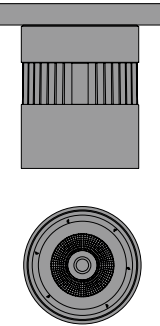
Ceiling & Pendant Mount



6 INCH | CEILING | WALL | PENDANT MOUNT | ROUND

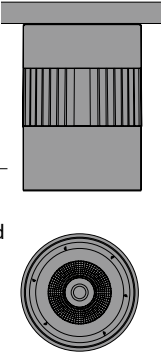
DOWNLIGHT - Ceiling/Pendant Mount

| FIXTURE            |              |
|--------------------|--------------|
| LCALD6             |              |
| LUMENS (Delivered) |              |
| 101:               | 1100lm (18W) |
| 151:               | 1500lm (25W) |
| 320:               | 2600lm (28W) |
| 350:               | 3700lm (40W) |
| 450:               | 4300lm (50W) |
| 550:               | 6000lm (60W) |



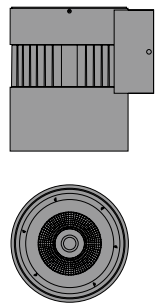
| BEAM SPREAD |                              |
|-------------|------------------------------|
| Blank       | Flood                        |
| -B10:       | 10° Narrow Spot <sup>1</sup> |
| -B25:       | 25° Narrow Flood             |
| -B30:       | 30° Flood <sup>1</sup>       |
| -B70:       | 70° Very Wide Flood          |

| FIXTURE            |                     |
|--------------------|---------------------|
| LCALD6X11          |                     |
| LUMENS (Delivered) |                     |
| Blank:             | 11000lm (125W)      |
| BEAM SPREAD        |                     |
| -B15:              | 15° Narrow Spot     |
| -B40:              | 40° Flood           |
| -B70:              | 70° Very Wide Flood |



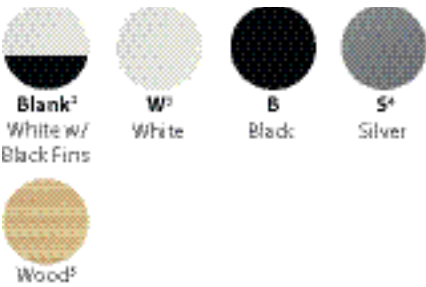
DOWNLIGHT - Wall Mount

| FIXTURE            |              |
|--------------------|--------------|
| LWMLD6             |              |
| LUMENS (Delivered) |              |
| 101:               | 1100lm (18W) |
| 151:               | 1500lm (25W) |
| 320:               | 2600lm (28W) |
| 350:               | 3700lm (40W) |
| 450:               | 4300lm (50W) |
| 550:               | 6000lm (60W) |

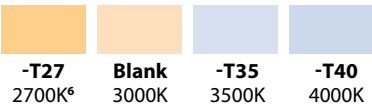


| BEAM SPREAD |                              |
|-------------|------------------------------|
| Blank:      | Flood                        |
| -B10:       | 10° Narrow Spot <sup>1</sup> |
| -B25:       | 25° Narrow Flood             |
| -B30:       | 30° Flood <sup>1</sup>       |
| -B70:       | 70° Very Wide Flood          |

FINISHES



COLOR TEMPERATURES



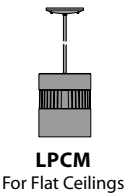
**CRI OPTIONS:**  
Blank: 80 CRI  
-C90: 90+ CRI  
-C97: 97 CRI

AVAILABLE DIMMING<sup>7</sup>

Blank: Non-Dimming  
UE-D10: 0-10V, 10% Dimming  
UE-D10P1: 0-10V, 1% Dimming  
UE-DHL: Lutron Hilume 1% Dimming  
DIN: 2-Wire 10% Dimming (120V)  
DINP1: 2-Wire 1% Dimming (120V)<sup>1</sup>  
UE-DLI: DALI 0% Dimming  
UE-DMX: DMX 0% Dimming  
UE-DUN: UniDim™ 0-10V, ELV, Triac Dimming (5%)<sup>8</sup>

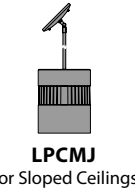
MOUNTING OPTIONS - LCALD6/LCALD6X11

| PENDANT MOUNT |                                                    |
|---------------|----------------------------------------------------|
| LPCM:         | Pendant for Flat Ceilings                          |
| LPCMJ:        | Pendant for Sloped Ceilings                        |
| LPCM72:       | Cable Extension Kit, 72" max.                      |
| LPCM120:      | Cable Extension Kit, 120" max. for Sloped Ceilings |



| SIZE |          |
|------|----------|
| 12:  | 12" Stem |
| 18:  | 18" Stem |
| 24:  | 24" Stem |
| 36:  | 36" Stem |
| 48:  | 48" Stem |

| FINISH |         |
|--------|---------|
| W:     | White   |
| B:     | Black   |
| N:     | Natural |



| TRACK MOUNT                   |       |
|-------------------------------|-------|
| LPTM6W-3C1N:                  | White |
| LPTM6B-3C1N:                  | Black |
| For 3-circuit/1-neutral track |       |



| CLAMP MOUNT  |       |
|--------------|-------|
| LPCM-CLAMPW: | White |
| LPCM-CLAMPB: | Black |



| THREAD HUB FOR PIPE MOUNTING |                |
|------------------------------|----------------|
| LPCM-HUB-1/2:                | 1/2" pipe size |
| LPCM-HUB-3/4:                | 3/4" pipe size |
| LPCM-HUB-1:                  | 1" pipe size   |



<sup>1</sup> Not available for 1100lm/1500lm.  
<sup>2</sup> Order Blank for White/Black Fins on LCALD6X11.  
<sup>3</sup> Order W for all white on LCALD6/LWMLD6.  
<sup>4</sup> S is Silver/Black Fins. Only available on LWMLD6/LCALD6X11  
<sup>5</sup> Custom finish. Consult factory.

<sup>6</sup> Extended lead time may apply for quantities over 100 for LWMLD6.  
<sup>7</sup> All drivers are 120V/277V except DIN option.  
<sup>8</sup> UniDim™ not available for 6000lm on LCALD6.

NOTE: Refer to individual specification pages at <https://liton.com/> for more detailed information about lumen, driver, and color temperature compatibility.

Ordering Example: **LCALD6** **B** **450** **-B30** **UE-DUN** **-T27**  
Fixture Finish Lumens Beam Spread Dimming Color Temperature



4 & 6 INCH | DOWNLIGHT | WALL WASH | VANDAL RESISTANT | IP67

4" & 6" RECESSED  
VANDAL RESISTANT

IP67 with Optional  
SHATTER PROOF  
POLYCARBONATE LENS

High grade die cast aluminum with a powder coat finish delivers outstanding durability, offering superior anti-aging with resistance to corrosion and UV-degradation. Perfect for soffits, overhanging eaves and other exterior applications with high ceilings.

- Energy efficient, low glare LED Chip-On-Board light engine
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty

4" Recessed  
Downlight  
1500lm (23W)  
DL34R



6" Recessed  
Downlight  
2000lm (30W)  
DL36R



6" Recessed  
Wall Wash  
1500lm (30W)  
DL36R7



DL34R/DL36R ORDERING

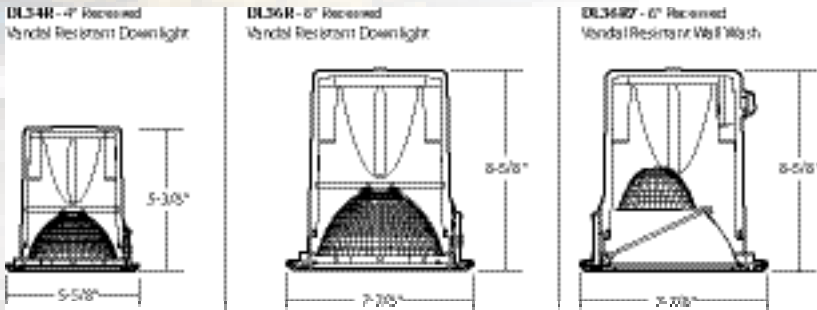
| FIXTURE | FINISH                         | LENS                        | DIMMING                     | LED                     | CRI           | CEILING THICKNESS <sup>3</sup> |
|---------|--------------------------------|-----------------------------|-----------------------------|-------------------------|---------------|--------------------------------|
| DL34R   | B: Black                       | Blank: Clear Tempered Glass | Blank: Non-Dimming (120V)   | -T27 2700K              | Blank: 80 CRI | Blank: 0.75"                   |
| DL36R   | W: White                       | FR: Frosted Tempered Glass  | UE-DUN: UniDim™ (120V/277V) | -T30 3000K              | -C90: 90 CRI  | -TH1.2: 1.2"                   |
|         | S: Silver                      | PC: Clear Polycarbonate     |                             | -T35 3500K              |               |                                |
|         | BZ: Bronze                     |                             |                             | -T40 4000K              |               |                                |
|         | NS: Brushed Steel <sup>1</sup> |                             |                             | -T50 5000K              |               |                                |
|         |                                |                             |                             | -T56 5600K              |               |                                |
|         |                                |                             |                             | -T65 6500K <sup>2</sup> |               |                                |

Example: DL34RB-T40-C90

DL36R7 ORDERING

| FIXTURE | FINISH     | LENS                        | DIMMING                     | LED        |
|---------|------------|-----------------------------|-----------------------------|------------|
| DL36R7  | B: Black   | Blank: Clear Tempered Glass | Blank: Non-Dimming (120V)   | -T40 4000K |
|         | W: White   | FR: Frosted Tempered Glass  | UE-DUN: UniDim™ (120V/277V) | -T27 2700K |
|         | S: Silver  | PC: Clear Polycarbonate     |                             | -T30 3000K |
|         | BZ: Bronze |                             |                             | -T35 3500K |
|         |            |                             |                             | -T50 5000K |
|         |            |                             |                             | -T56 5600K |
|         |            |                             |                             | -T65 6500K |

Example: DL36R7B-T40



<sup>1</sup>Special Order. Available on DL34 only.  
<sup>2</sup>6500K available on DL36R only  
<sup>3</sup>1.2" ceiling thickness available on DL34R only.



# Liton®

L I G H T I N G

- LUMENBLAST
- CYLOPRO ADJUSTABLE LED ACCENT
- LUMEN CANNON LED DOWNLIGHT
- RECESSED ROUND & SQUARE LED

## ALSO AVAILABLE

### ▶ LUMENPAD LED

- New round pendant mounting option
- Easy-install alternative for plenum-challenged spaces



### ▶ 2.5" RECESSED LED

- Small 2.5" aperture
- Flanged or flangeless trim options



### ▶ IP65 SURFACE

- 4" & 6" ceiling or pendant mount
- Outdoor or indoor, up to 2600lm

