



DLA75 3" ADJUSTABLE DOWNLIGHTS

TYPE: _____

PROJECT: _____

With a discreet 3" aperture, knife-edge trim and excellent visual cutoff - Lumenture's DLA75 blends discreetly into any environment. These recessed modules offer 35 degrees of tilt and deliver high lumens without glare. The result is superior brightness and quality from an unobtrusive fixture. DLA75 is available both in remodel with an attached junction box or with optional rough-in housings to fit any construction needs.



| | | | | | | | | |
|---|--|----------------------------|--|------------------------------------|--|---|--|-----------------------------|
| | | | | | | | | |
| DIMMING Triac, ELV, 0-10V, DALI & LEDcode | WEIGHT 11 oz. (module only) | WATTAGE 6.5W-17W | EFFICACY up to 1600lm up to 111lm/W | AC DRIVER INPUT 120-277V | HOUSING Closed, Open, Pan, Remodel, Chicago Plenum | FINISH Aluminum module & trim, Powdercoat | ACCESSORIES Emergency Backup Inverter, Lenses & Louvres (pg 4) | MOVEMENT 35° tilt |

ORDERING

| FIXTURE | CCT/CRI ¹ | BEAM SPREAD ¹ | CONE COLOR ¹ | TRIM COLOR ¹ | TRIM TYPE | DRIVER ² | OUTPUT (mA) ¹ | Housing Availability ³ | | | | | HOUSING/J-BOX |
|---------|---|--------------------------|-------------------------|-------------------------|------------------------|---|--------------------------|-----------------------------------|---|---|---|----|---------------------|
| | | | | | | | | C | N | P | R | CP | |
| DLA75 | 22H - 2200K, CRI 90+ | 15 - 15° ⁵ | W - White | W - White | R - Round | U - Universal Dimming Driver (Triac, ELV & 0-10V) | 150 - 6.5W | ✓ | ✓ | ✓ | ✓ | ✓ | C - Closed |
| | 27H - 2700K, CRI 90+ | 25 - 25° | B - Black | B - Black | RF - Round Flangeless | | 200 - 8.5W | ✓ | ✓ | ✓ | ✓ | ✓ | N - Open |
| | 30H - 3000K, CRI 90+ | 40 - 40° | S - Silver | S - Silver | S - Square | D1 - EldoLED DALI/LEDcode (0.1% dimming) | 250 - 11W | ✓ | ✓ | ✓ | ✓ | ✓ | P - Pan |
| | 30B - 3000K, CRI 95+ | 60 - 60° | | | SF - Square Flangeless | Z1 - EldoLED 0-10V (0.1% dimming) | 300 - 12.5W | ✓ | ✓ | | ✓ | | R - Remodel |
| | 30D - 3000K, CRI 90+ (Dim-to-Warm) ⁴ | | | | | | 350 - 15W | ✓ | ✓ | | ✓ | | CP - Chicago Plenum |
| | 35H - 3500K, CRI 90+ | | | | | | 400 - 17W | ✓ | | | | | |
| | 40H - 4000K, CRI 90+ | | | | | | | | | | | | |

NOTES

- Custom options available. Please consult factory.
 - Emergency Backup Inverter options available. See page (4).
 - Housing availability chart is for informational purposes only. Do not include in ordering.
 - Full Dim-to-Warm range of 3000K to 1800K only applicable between 300-400mA. Range for other outputs: 150mA=2600K to 1800K; 200mA=2750K to 1800K; 250mA=2850K to 1800K.
 - 15° nominal Dim-to-Warm is 20° actual. Please see website for IES files.
- * Optional butterfly brackets available. See accessories on page (4).
Butterfly brackets and factory installed brackets are required for acoustical ceiling tile (ACT) ceilings.

KEY

- ✓ Available, Non-IC-Rated
- ✓ Available, IC-Rated, Title-24 Certified
- ✓ Available, IC-Rated
- × Not available

ORDERING EXAMPLE:

DLA75 - 22H - 15 - W - W - R - U - 250 - P

LISTINGS

Certified to UL standard 1598 and CSA C22.2 No. 250.0-08 for damp locations. Lithonia LEM08 emergency driver is CEC Title 20 compliant.



DLA75 3in Adjustable Downlight Specifications p. 1/4

Custom options available, please consult factory
Product specifications are subject to change
info@lumenture.com P. 203.864.3333



www.lumenture.com
version 2025429

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PHOTOMETRICS

LUMEN OUTPUT

Values fluctuate based on CCT and CRI. To estimate delivered lumen output of various CCT/CRI options, multiply nominal lumens by the multiplier below.

| OUTPUT (mA) | WATTAGE | NOMINAL LUMENS |
|-------------|---------|----------------|
| 150 | 6.5W | 700 |
| 200 | 8.5W | 950 |
| 250 | 11W | 1050 |
| 300 | 12.5W | 1200 |
| 350 | 15W | 1450 |
| 400 | 17W | 1600 |

| CODE | CCT | CRI | TECHNOLOGY | 15° | 25° | 40° | 60° |
|------------|-------|-----|-------------|------|------|------|------|
| 22H | 2200K | 90+ | Standard | 0.70 | 0.75 | 0.75 | 0.70 |
| 27H | 2700K | 90+ | Standard | 0.80 | 0.90 | 0.90 | 0.85 |
| 30H | 3000K | 90+ | Standard | 0.85 | 0.95 | 0.95 | 0.90 |
| 30B | 3000K | 95+ | Standard | 0.80 | 0.85 | 0.85 | 0.80 |
| 30D | 3000K | 90+ | Dim-to-Warm | N/A | 0.85 | 0.85 | 0.80 |
| 35H | 3500K | 90+ | Standard | 0.90 | 1.00 | 1.00 | 0.95 |
| 40H | 4000K | 90+ | Standard | 0.90 | 1.00 | 1.00 | 0.95 |

Luminaire maintains a lumen output tolerance of +/-7.5%

* Full Dim-to-Warm range of 3000K to 1800K only applicable between 300-400mA.

150mA dims 2600K to 1800K. 200mA dims 2750K to 1800K. 250mA dimd 2850K to 1800K.

*15° nominal Dim-to-Warm is 20° actual. Please see website for IES files.

DLA75 - 15 Degree

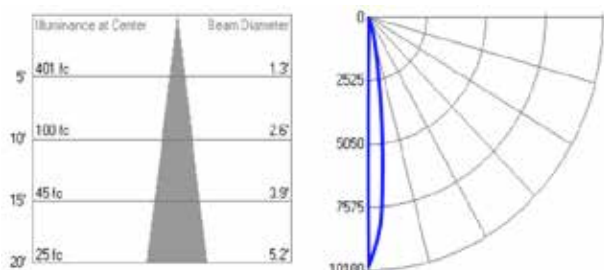
Delivered Light Output: 1037 Lumens

Total Watts @120V: 12.5;

Lumens Per Watt: 86

Center Beam Candle Power: 10029

Spacing Criteria: 0.5



DLA75 - 25 Degree

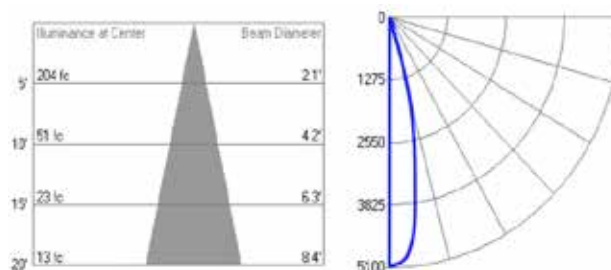
Delivered Light Output: 1173 Lumens

Total Watts @120V: 12.5;

Lumens Per Watt: 98

Center Beam Candle Power: 5090

Spacing Criteria: 0.6



DLA75 - 40 Degree

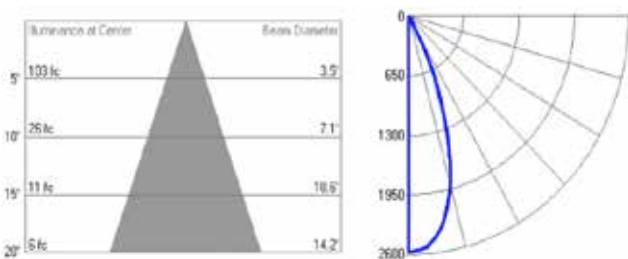
Delivered Light Output: 1179 Lumens

Total Watts @120V: 12.5;

Lumens Per Watt: 98

Center Beam Candle Power: 2581

Spacing Criteria: 0.8



DLA75 - 60 Degree

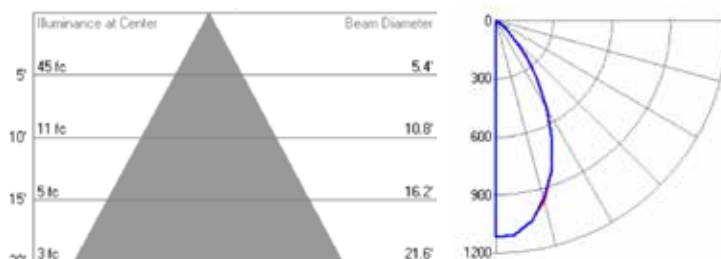
Delivered Light Output: 1120 Lumens

Total Watts @120V: 12.5

Lumens Per Watt: 93

Center Beam Candle Power: 1121

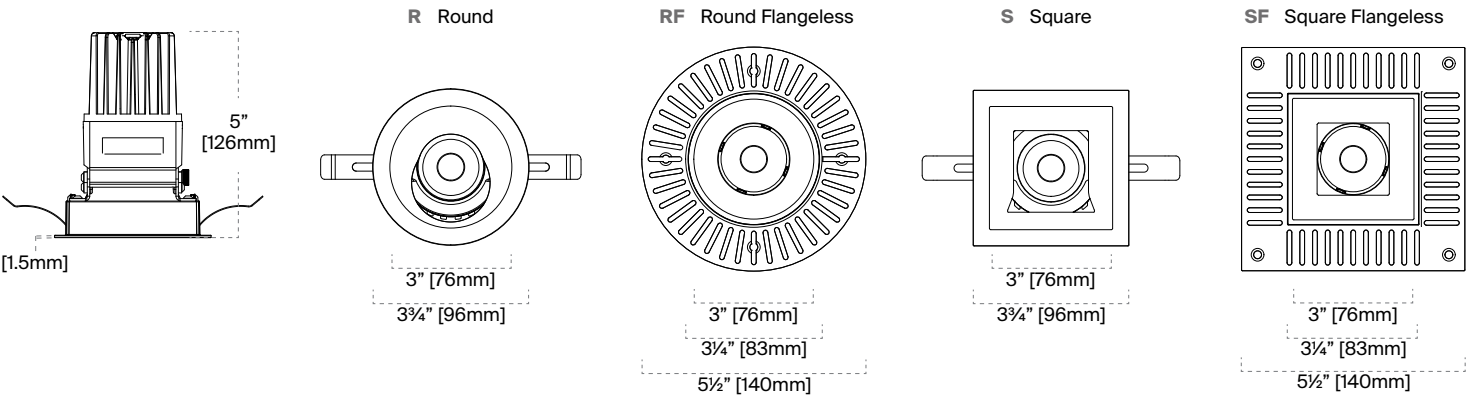
Spacing Criteria: 0.9



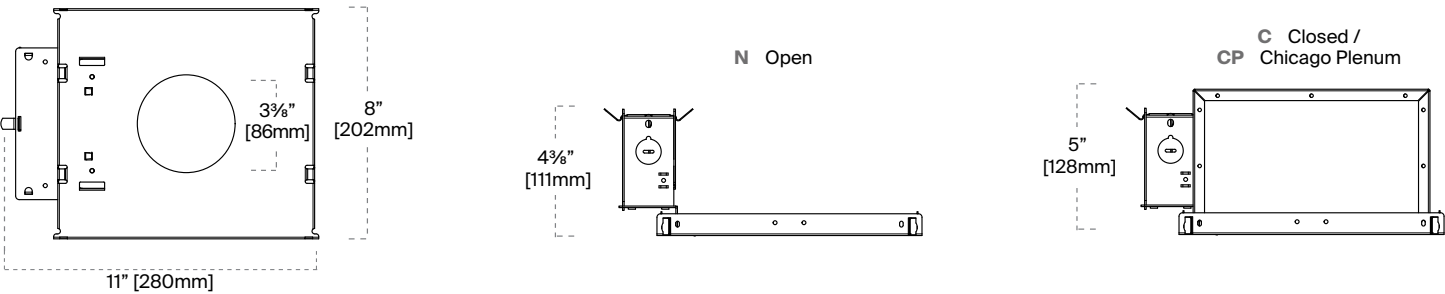
DLA75 3" ADJUSTABLE DOWNLIGHTS

Max Ceiling Thickness = 1"
Please consult factory for thicker ceiling options

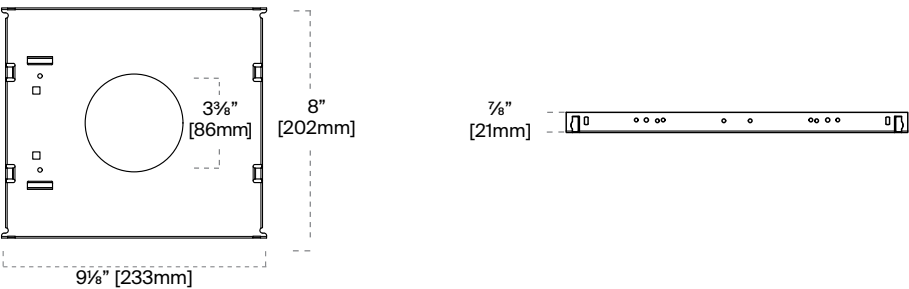
DIMENSIONS



OPEN (N), CLOSED (C), AND CHICAGO PLENUM (CP) HOUSING DIMENSIONS



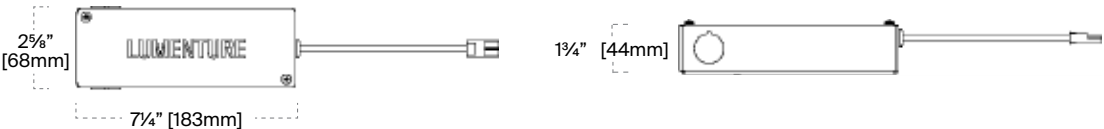
PAN (P) HOUSING DIMENSIONS



Supplied with (2) 24" adjustable hanger bars with nails. Butterfly brackets for C-Channel available upon request.

Supplied with (R) Remodel Housing (Loose Junction Box)

REMODEL (R) DIMENSIONS (Loose Junction Box)




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DIMMING


Dimming is standard and allows for smooth illumination below 0.1% with certain dimmer/driver combinations. The “U” (Universal) driver dims to 1%, accepts 120-277V AC Input and is compatible with 0-10V, Triac (forward phase) and ELV (reverse phase) dimmers. The “Z1” (0-10V) driver dims to 0.1%, accepts 120-277V AC Input and is compatible with 0-10V dimmers. The “D1” (DALI) driver dims to 0.1%, accepts 120-277V AC Input and is compatible with DALI dimmers. For dimmer compatibility, refer to the Dimming Compatibility document on our website.


ACCESSORIES


LENS ACCESSORIES


 **Lens-Yellow-38**


 **Lens-Green-38**


 **Lens-Blue-38**
(Light Blue)

 **Lens-Red-38**


 **Lens-Rose-38**

 **HL-38**
(Black Honeycomb Louver)

 **LS-38**
(Linear Spread)

 **SOL-38**
(Solite)

NOTES
Field replaceable optics and accessories available. Please consult factory.
Lens accessories can not be combined with any Wet Trim.



BUTTERFLY BRACKET KIT
Contains two (2) butterfly brackets and two (2) wing nuts
Butterfly brackets and factory installed brackets are required for acoustical ceiling tile (ACT) ceilings.

EMERGENCY LIGHTING INVERTERS

Small size and versatile mounting is suitable for plenum space mounting in close proximity to the luminaire or for remote mounting up to 300 ft. distance using 18 AWG wire. Further distances are possible with larger gauge wire. Two-wire universal input reduces wiring errors and reduces installation time and complexity.

| | ACI-H35-A1 | ACI-H100-A1 |
|------------------------|--------------------------|--------------------------|
| Output Power: | 35 Watts | 100 Watts |
| Emergency Operation: | 90 Min | 90 Min |
| Battery Type: | LiFePO4 | LiFePO4 |
| Input Voltage: | 120-277 Volts | 120-277 Volts |
| Output Voltage: | 120-277 Volts | 120-277 Volts |
| Class 2 Output: | n/a | n/a |
| Diagnostic Type: | Test switch ¹ | Test switch ¹ |
| Title-20 Compliant: | Yes | Yes |
| Life Expectancy: | 75k Hours | 75k Hours |
| Dimensions: | 20.67" x 2.24" x 2.05" | 19.5" x 3.35" x 2.2" |
| Mounting Type: | In-Line / Remote | In-Line / Remote |
| Maximum Distance: | 300ft (18AWG) | 300ft (18AWG) |
| Weight: | 4.85lbs | 7.28lbs |
| Operating Ambient Temp | 0-50° C | 0-50° C |

NOTE:
1. Test switch wiring can be extended up to 50 feet.