

# LUMENTURE®









## DL75 3" FIXED DOWNLIGHTS

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

With a minimal 3" aperture, knife-edge trim and excellent visual cutoff - Lumenture's DL75 blends discreetly in any environment. These recessed modules deliver high lumens without glare. The result is superior brightness and quality from an unobtrusive fixture. DL75 is available both as remodel with an attached junction box or with optional rough-in housings to fit any construction needs.



							
<b>DIMMING</b> Triac, ELV, 0-10V, DALI & LEDcode	<b>WEIGHT</b> 11 oz. (module only)	<b>WATTAGE</b> 6.5W-17W	<b>EFFICACY</b> up to 1600lm up to 111lm/W	<b>AC DRIVER INPUT</b> 120-277V	<b>HOUSING</b> Closed, Open, Pan, Remodel, Chicago Plenum	<b>FINISH</b> Aluminum module & trim, Powdercoat	<b>ACCESSORIES</b> Field replaceable optics & accessories

### ORDERING

FIXTURE	CCT/CRI <sup>1</sup>	BEAM SPREAD <sup>1</sup>	CONE COLOR <sup>1</sup>	TRIM COLOR <sup>1</sup>	TRIM TYPE <sup>2</sup>	DRIVER <sup>3</sup>	OUTPUT (mA) <sup>1</sup>	Housing Availability <sup>4</sup>					HOUSING/ J-BOX
								C	N	P	R	CP	
DL75	22H - 2200K, CRI 90+	15 - 15° <sup>6</sup> 25 - 25° 40 - 40° 60 - 60°	W - White	W - White	R - Round	U - Universal Dimming Driver (Triac, ELV & 0-10V)  D1 - EldoLED DALI/LEDcode (0.1% dimming)  Z1 - EldoLED 0-10V (0.1% dimming)	150 - 6.5W	✓	✓	✓	✓	✓	C - Closed
	27H - 2700K, CRI 90+		B - Black	B - Black	RF - Round Flangeless		200 - 8.5W	✓	✓	✓	✓	✓	N - Open
	30H - 3000K, CRI 90+		S - Silver	S - Silver	RP - Round Pinhole		250 - 11W	✓	✓	✓	✓	✓	P - Pan
	30B - 3000K, CRI 95+				RW - Round Wet		300 - 12.5W	✓	x	x	✓	✓	R - Remodel
	30D - 3000K, CRI 90+ (Dim-to-Warm) <sup>5</sup>				RFW - Round Flangeless Wet		350 - 15W	✓	x	x	✓	✓	CP - Chicago Plenum
	35H - 3500K, CRI 90+				S - Square		400 - 17W	x	x	x	x	x	
40H - 4000K, CRI 90+			SF - Square Flangeless										
			SW - Square Wet										
			SFW - Square Flangeless Wet										

#### NOTES

- Custom options available. Please consult factory.
  - 15° nominal Dim-to-Warm is 20° actual. Please see website for IES files.
  - When "wet" trim is added, the fixtures are Wet Location Rated. Wall Wash trim must be specified with 15° optic.
  - EM battery backup option 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
- x Not available

#### ORDERING EXAMPLE:

DL75 - 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. Airtight (AT) certified less than 2 cfm leakage @ 1.57PSI per ASTM E283. Lithonia LEM08 emergency driver is CEC Title 20 compliant.



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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°
<b>22H</b>	2200K	90+	Standard	0.65	0.70	0.70	0.65
<b>27H</b>	2700K	90+	Standard	0.75	0.85	0.85	0.80
<b>30H</b>	3000K	90+	Standard	0.80	0.90	0.90	0.85
<b>30B</b>	3000K	95+	Standard	0.75	0.80	0.80	0.75
<b>30D</b>	3000K	90+	Dim-to-Warm	N/A	0.80	0.80	0.75
<b>35H</b>	3500K	90+	Standard	0.85	0.95	0.95	0.90
<b>40H</b>	4000K	90+	Standard	0.85	0.95	0.95	0.90

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

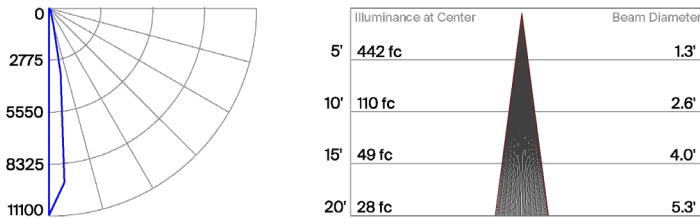
\* Full Dim-to-Warm range of 3000K to 1800K only applicable between 300-400mA.

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.

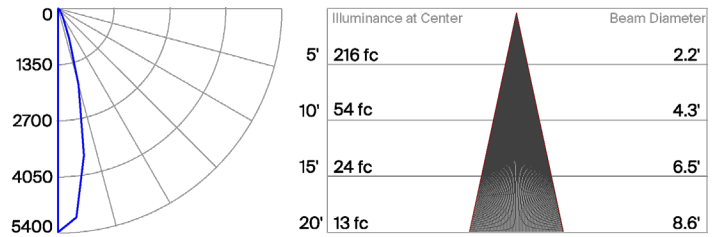
#### DL75 - 15 Degree

Delivered Light Output: 1144 Lumens  
 Total Watts @120V: 13.5;  
 Lumens Per Watt: 85  
 Center Beam Candle Power: 10801  
 Spacing Criteria: 0.26



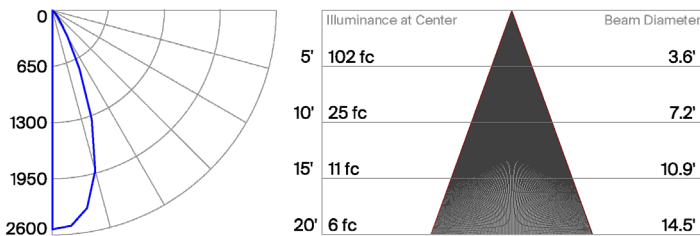
#### DL75 - 25 Degree

Delivered Light Output: 1466 Lumens  
 Total Watts @120V: 12.5;  
 Lumens Per Watt: 99  
 Center Beam Candle Power: 5384  
 Spacing Criteria: 0.42



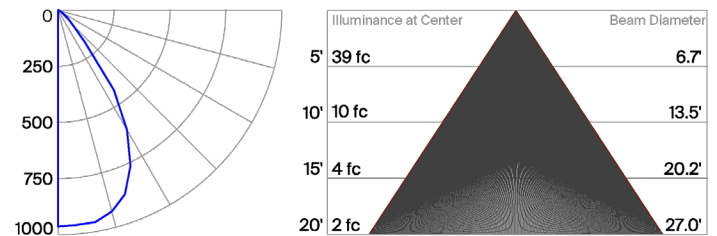
#### DL75 - 40 Degree

Delivered Light Output: 1474 Lumens  
 Total Watts @120V: 12.5;  
 Lumens Per Watt: 98  
 Center Beam Candle Power: 2535  
 Spacing Criteria: 0.62



#### DL75 - 60 Degree

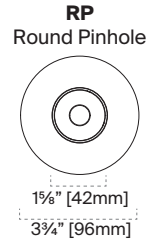
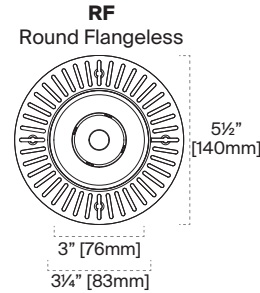
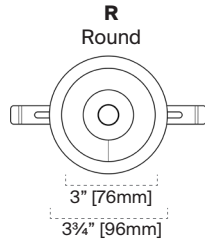
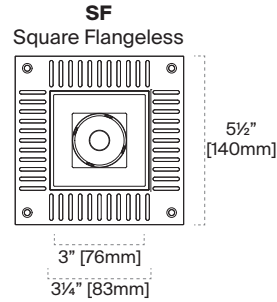
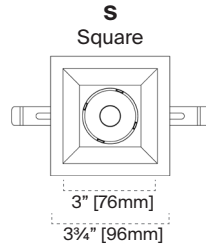
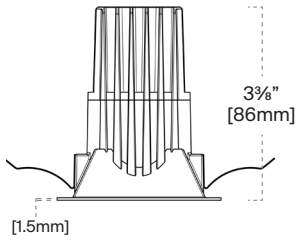
Delivered Light Output: 1401 Lumens  
 Total Watts @120V: 12.5;  
 Lumens Per Watt: 88  
 Center Beam Candle Power: 962  
 Spacing Criteria: 1.0



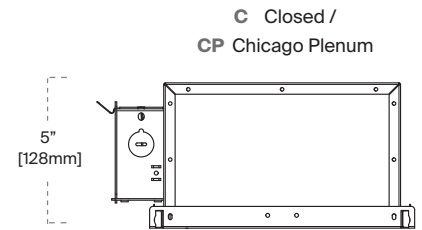
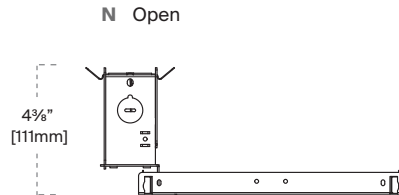
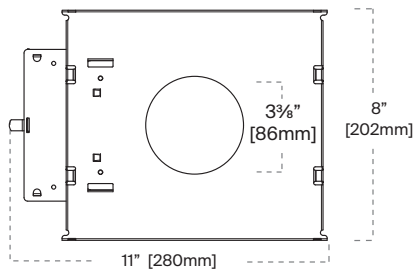
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**Max Ceiling Thickness = 1"**  
Please consult factory for thicker ceiling options

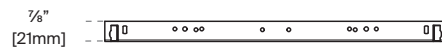
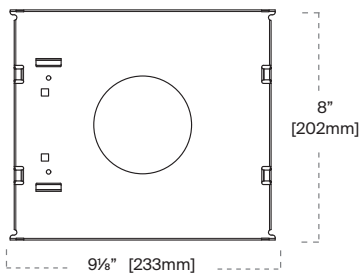
## DIMENSIONS



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



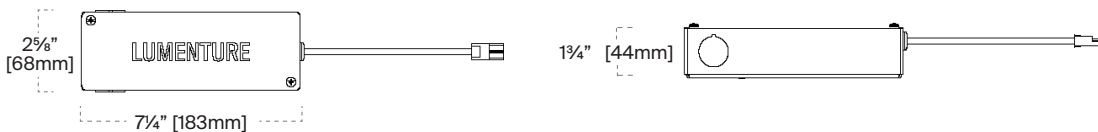
## PAN (P) HOUSING DIMENSIONS



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-50**

 **Lens-Green-50**

 **Lens-Blue-50**  
(Light Blue)

 **Lens-Red-50**

 **Lens-Rose-50**

 **HL-50**  
(Black Honeycomb Louver)

 **LS-50**  
(Linear Spread)

 **SOL-50**  
(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 BACKUP

	<b>LEM08: Lithonia LEM08-A-06</b>
<b>Output Power:</b>	8W (initial)
<b>Emergency Operation:</b>	90 minutes
<b>Battery Type:</b>	nickel-cadmium
<b>Input Voltage:</b>	120-277 VAC
<b>Output Voltage:</b>	20-50 VDC
<b>Class 2 Output:</b>	Yes
<b>Diagnostic Type:</b>	Manual
<b>Title-20 Compliant:</b>	Yes
<b>Life Expectancy:</b>	7-10 years
<b>Dimensions:</b>	13.4 x 2.4 x 1.6"
<b>Mounting Type:</b>	Remote Inline (metal conduit)
<b>Maximum Distance:</b>	25 ft
<b>Weight:</b>	2.8 lbs
<b>Cost:</b>	\$\$

### NOTES

Access panel is required for service of remote emergency backup battery.