

LUMENTURE®

DL100 3" FIXED DOWNLIGHTS

TYPE: _____

PROJECT: _____

With a minimal 3" aperture, slim trim and excellent visual cutoff - Lumenture's DL100 blends discreetly in any environment. These recessed modules deliver high lumens without glare. The result is superior brightness and quality from an unobtrusive fixture. DL100 is available both in remodel or with optional rough-in housings to fit any construction needs.



DIMMING

Triac, ELV
0-10V, DALI &
LEDcode



WEIGHT

11 oz.
(module only)



WATTAGE

8.5W-17W



EFFICACY

up to 1600lm
up to 95lm/W



AC DRIVER INPUT

120-277V



HOUSING

Closed, Open,
Remodel



FINISH

Aluminum module &
trim, Powdercoat



ACCESSORIES

Field replaceable
optics & accessories

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	R	
DL100	22H - 2200K, CRI 90+	15 - 15°	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)	200 - 8.5W	✓	✓	✓	C - Closed N - Open R - Remodel
	27H - 2700K, CRI 90+	25 - 25°	B - Black	B - Black	S - Square		250 - 11W	✓	✓	✓	
	30H - 3000K, CRI 90+	40 - 40°	S - Silver	S - Silver			300 - 12.5W	✓	✓	✓	
	30B - 3000K, CRI 95+	60 - 60°					350 - 15W	✓	✓	✓	
	30D - 3000K, CRI 90+ (Dim-to-Warm)						400 - 17W		✓		
	35H - 3500K, CRI 90+										
40H - 4000K, CRI 90+											

NOTES

1. Custom options available. Please consult factory.
2. EM battery backup option available. See page (4).
D1 and Z1 0.1% dimming is not available with (R) Remodel housing types.
3. Check marks represent Housing/mA availability. All shaded housing options are IC-Rated and Title-24 certified. All other options are Non-IC-Rated and not Title-24 certified. Housing availability chart is for informational purposes only. Do not include in ordering.

* Optional butterfly brackets available. See accessories on page (4).
Butterfly brackets and factory installed brackets are required for acoustical ceiling tile (ACT) ceilings.

ORDERING EXAMPLE:

DL100 - 30H - 25 - W - W - R - U - 350 - N

LISTINGS

Certified to UL standard 1598 and CSA C22.2 No. 250.0-08 for damp locations.



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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.

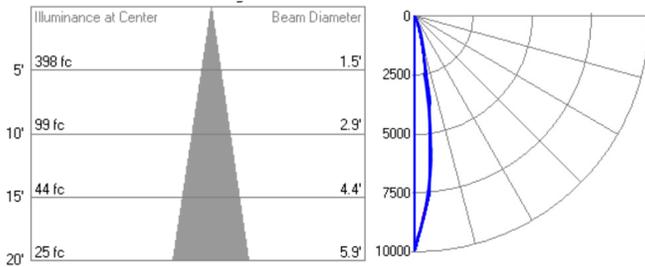
OUTPUT (mA)	WATTAGE	NOMINAL LUMENS
200	8.5W	950
250	11W	1050
300	12.5W	1200
350	15W	1450
400	17W	1600

CODE	CCT	CRI	TECHNOLOGY	15°	25°	40°	60°
22H	2200K	90+	Standard	0.65	0.60	0.70	0.75
27H	2700K	90+	Standard	0.80	0.75	0.85	0.90
30H	3000K	90+	Standard	0.85	0.80	0.90	0.95
30B	3000K	95+	Standard	0.75	0.70	0.80	0.85
30D	3000K	90+	Dim-to-Warm	0.75	0.70	0.80	0.85
35H	3500K	90+	Standard	0.90	0.85	0.95	1.00
40H	4000K	90+	Standard	0.90	0.85	0.95	1.00

Luminaire maintains a lumen output tolerance of +/-7.5%
 **Dim-to-Warm dims from 3000K to 1800K

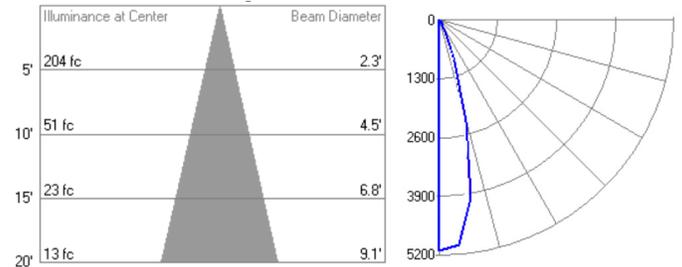
DL100 - 15 Degree

Delivered Light Output: 1363 Lumens
 Total Watts @120V: 14.5;
 Lumens Per Watt: 94
 Center Beam Candle Power: 9945
 Spacing Criteria: 0.3



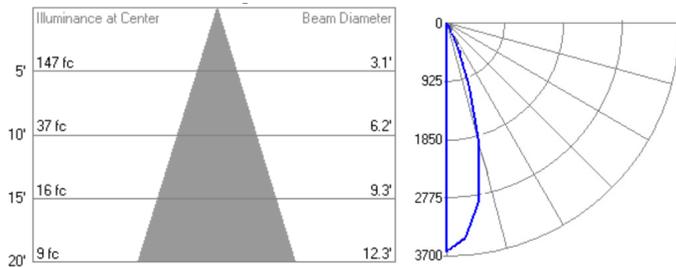
DL100 - 25 Degree

Delivered Light Output: 1311 Lumens
 Total Watts @120V: 14.5;
 Lumens Per Watt: 90
 Center Beam Candle Power: 5100
 Spacing Criteria: 0.4



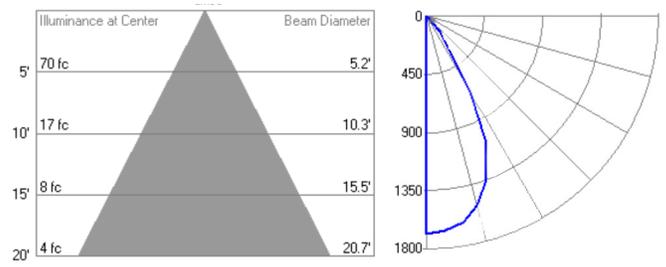
DL100 - 40 Degree

Delivered Light Output: 1387 Lumens
 Total Watts @120V: 14.5;
 Lumens Per Watt: 96
 Center Beam Candle Power: 3635
 Spacing Criteria: 0.6



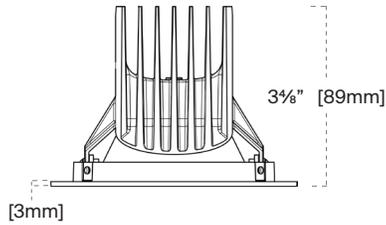
DL100 - 60 Degree

Delivered Light Output: 1472 Lumens
 Total Watts @120V: 14.5;
 Lumens Per Watt: 101
 Center Beam Candle Power: 1684
 Spacing Criteria: 0.9



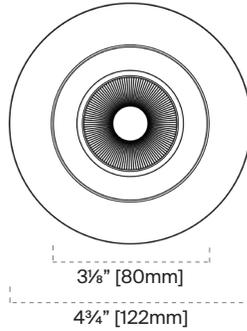
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DIMENSIONS

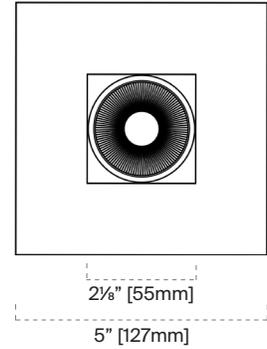


Max Ceiling Thickness = 1"

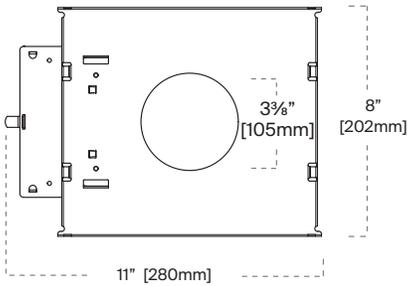
R Round



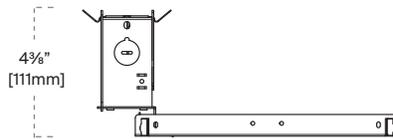
S Square



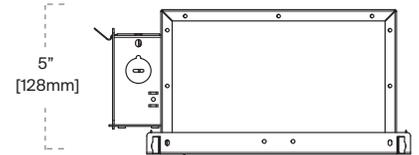
OPEN (N) AND CLOSED (C) HOUSING DIMENSIONS



N Open

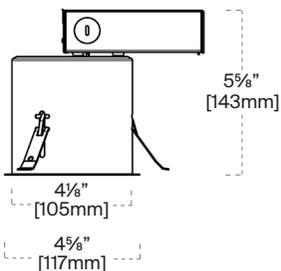


C Closed /

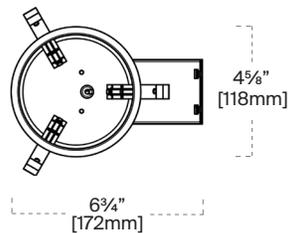


Supplied with (2) 24" adjustable hanger bars with nails. Butterfly brackets for C-Channel available upon request.

REMODEL (R) DIMENSIONS



Cut-out Dimensions = 4 1/4"



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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

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

NOTES

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