



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 with a retrofit housing or with optional rough-in housings to fit any construction needs.



Dimmable
Triac, ELV & 0-10V



Weight
11 oz.
(module only)



Wattage
14.5W-1350 lumens
19W-1600 lumens **



AC Driver Input
Universal: 120-277V
Triac/ELV: 120V



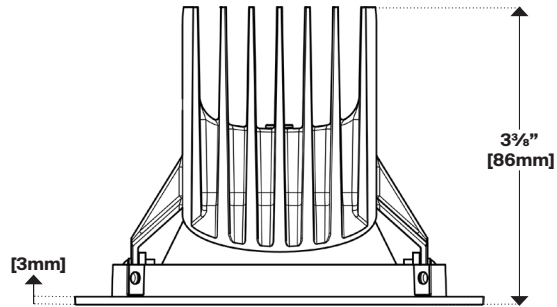
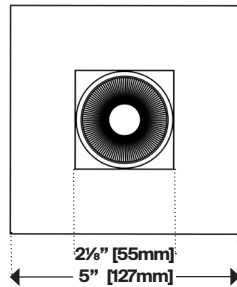
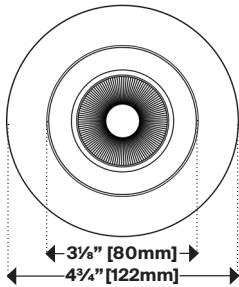
Housing Options
Open, Non-IC-Rated
Closed, IC-Rated
Retrofit, Non-IC-Rated



Material & Finish
Die-cast Aluminum
Module, Powdercoat



Accessories
Field replaceable
optics & accessories



ORDERING

FIXTURE	CCT/CRI*	BEAM SPREAD*	CONE COLOR	TRIM COLOR	TRIM TYPE	DRIVER	OUTPUT (mA)	HOUSING
DL100 - 3" Fixed Downlight	22H - 2200K, CRI 90+	15 - 15°	W - White	W - White	R - Round	T - Triac/ELV	350 - 15W	N - Open, Non-IC-Rated
	27H - 2700K, CRI 90+	25 - 25°	B - Black	B - Black	S - Square	U - Universal Dimming Driver (Triac, ELV & 0-10V)	400 - 17W	C - Closed, IC-Rated
	30H - 3000K, CRI 90+	40 - 40°	S - Specular	C - Custom		Z - 0-10V	450 - 19W	R - Retrofit, Non-IC-Rated
	30B - 3000K, CRI 95+	60 - 60°	SN - Satin Nickel					
	30K - 3000K, CRI 80+		C - Custom					
	30V - 3000K, CRI 90+, VividLight™							
	30D - 3000K, CRI90+, Dim-to-Warm							
	35H - 3500K, CRI 90+							
	40H - 4000K, CRI 90+							

**Not all combinations available. See page 3 for Driver Matrix.



ORDERING EXAMPLE: DL100-30H-25-W-W-R-U-350-N

*Custom options available, please consult factory.

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

Product Specifications subject to change.



www.lumenture.com

20210318



PHOTOMETRICS

Lumen output values fluctuate based on CCT and CRI. To estimate delivered lumen output of various CCT/CRI options, multiply nominal lumens (1600 lumens @19W, 1350 lumens@14.5W) by the multiplier below.

CODE	CCT	CRI	TECHNOLOGY	DEGREE			
				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
30K	3000K	80+	Standard	1.00	0.95	1.05	1.10
30V	3000K	90+	VividLight™	0.70*	0.65*	0.75*	0.80*
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

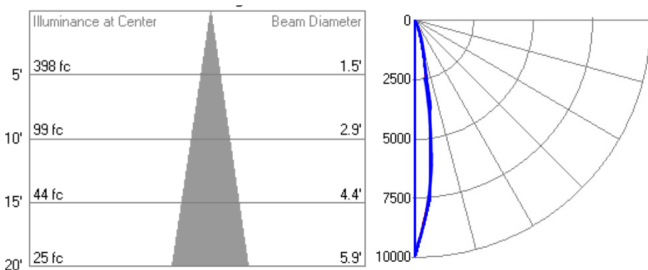
Luminaire maintains a lumen output tolerance of +/-7.5%

*VividLight™ perceived brightness is significantly higher than measured lumens.

**Dim-to-warm dims from 3000K to 1800K

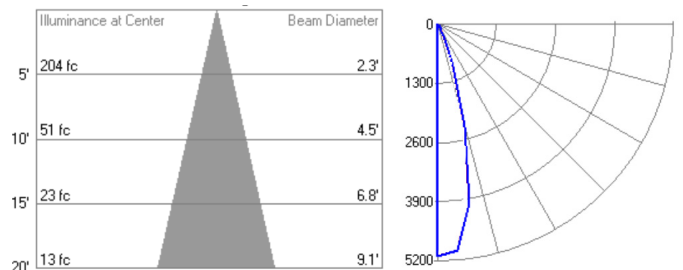
DL100 - 15 Degree

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



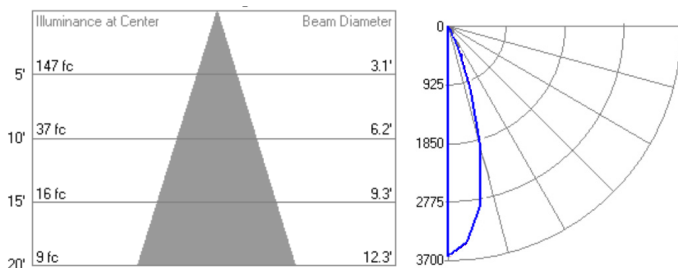
DL100 - 25 Degree

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



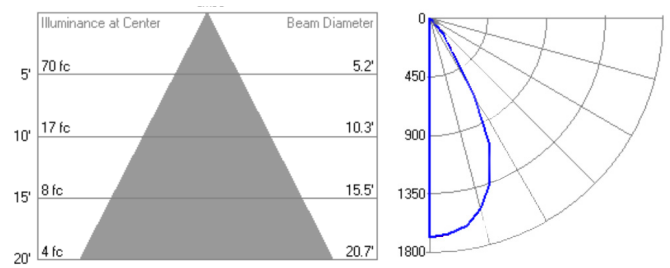
DL100 - 40 Degree

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

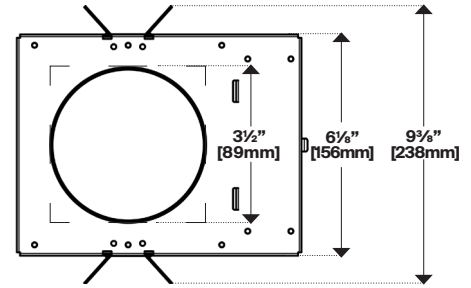


Product Specifications subject to change.

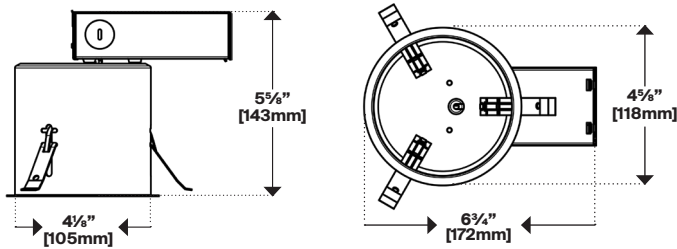


HOUSINGS

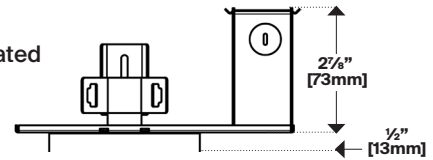
Maximum 1" ceiling thickness.



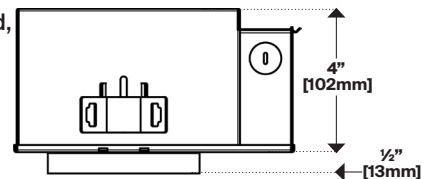
R - Retrofit, Non-IC-Rated



N - Open, Non-IC-Rated



C - Closed, IC-Rated



DIMMING

Dimming is standard and allows for smooth illumination below 1% with certain dimmer/driver combinations. The "U" (Universal) driver accepts 120-277V AC Input and is compatible with 0-10V, Triac (forward phase) and ELV (reverse phase) dimmers. The "T" (Triac/ELV) driver is 120V AC Input only and compatible with Triac and ELV dimmers. The "Z" (0-10v) driver accepts 120-277V AC Input and is compatible with 0-10V dimmers. For dimmer compatibility, refer to the Fixture Dimming Compatibility document on our website.

DRIVER	OUTPUT (mA)	N – Open, Non-IC-Rated	C – Closed, IC-Rated	R – Retrofit, Non-IC-Rated (No Housing)
T – Triac/ELV	350 – 15W	✓	✓	
	400 – 17W	✓	✓	
U – Universal Dimming Driver (Triac, ELV & 0-10V)	350 – 15W	✓	✓	✓
	400 – 17W	✓		
	450 – 19W	✓		
Z – 0-10V	350 – 15W	✓	✓	



ACCESSORIES

Field replaceable optics, accessories and emergency backup options available, please consult factory.



LENSES & LOUVERS

DL100-x

Lens Accessories

 **CL** (Clear)

 **G** (Green)

 **LB** (Light Blue)

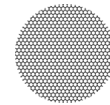
 **R** (Red)

 **RO** (Rose)

 **Y** (Yellow)

 **LS** (Linear Spread)

 **SOL** (Solite)



DL100-HL
Black Honeycomb
Louver

Honeycomb Louver can be used in combination with up to two of the thin-film accessories above.