



ADL Series Downlight



PROJECT NAME _____

FIXTURE TYPE _____

CATALOG NUMBER _____

ADDITIONAL NOTES _____

Applications

- Retail
- Lobbies
- Shopping Malls
- Architectural Applications



Highlights

- ETL Certified
- 50,000 Hours
- 5 Year Warranty
- Round or Square Option
- Up to 80 Lumens per Watt
- Elegant and Modern Design
- Versatile: Adjustable, Fixed or Wall Wash

Ordering Guide

Example

LGL-ADL-42-UV-AR-NCI-T-30-B-10-8-1

LGL ADL

LUMINOS GLOBAL	PRODUCT	POWER	VOLTAGE	TYPE	HOUSING	TRIM	CCT	FINISH	ANGLE	CRI	DIMMING	ACCESSORIES
LGL	ADL	42= 4W (2")	UV= (100-277V)	AR= (Adjustable Round)	NCI= (New Construction IC)	T= (W/Trim)	27= (2700K)	S= (Specular)	10=10°	8=83+	PH= (Phase Dim)	HR= (Honeycomb Reflector)
		73= 7.5W (3")		AS= (Adjustable Square)	NCP= (New Construction Plaster Frame)	TL= (Trimless)	30= (3000K)	B= (Black)	20=20°	9=90+	1= (1=1-10V)	
		113= 11W (3")		FR= (Fixed Round*)	RD= (Remodel Driver)		35= (3500K)	W= (White)	30=30°		DI= (Dali)	
		134= 13W (4")		FS= (Fixed Square*)			40= (4000K)	G= (Gold)	40=40°			
		184= 18W (4")		WR= (Wall Wash Round*)			50= (5000K)	CB= (Chrome Blk)	50=50°			
		254= 25W (4")		WS= (Wall Wash Square*)				M= (Matte)	Blank= (Wall Wash)			
		185= 18W (5")										
		255= 25W (5")										
		256= 25W (6")										
		386= 38W (6")										

* Only Available in 4", 5", and 6"



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Technical Overview

Performance Summary

Input Voltage	100-277V
Input Frequency	50Hz-60Hz
Lumen Efficacy	Up to 80 lm/w
Light Output (Photopic)	2" 4W- 350 lumens
	3" 7.5W- 600 lumens
	4" 11W- 800 lumens
	4" 13W- 850 lumens
	4" 18W- 1,100 lumens
	4" 25W- 1,700 lumens
5"	18W- 1,300 lumens
	25W- 1,700 lumens
6"	25W- 1,800 lumens
	38W- 2,500 lumens
Working Environment	Indoor
Beam Angle	10°, 20°, 40°, 50°
CCT Options	2700K, 3000K, 3500K, 4000K, 5000K
CRI	83+, 90+
Power Factor	>0.9
IP Rating	IP44
Life Span	50,000 hrs
Dimming Options	Phase Dimming, 1-10V, DALI
Mounting Options	Recessed

Dimensions



Model No	Height	Trim Diameter
LGL-ADL-2-R	2.36"	2.17"
LGL-ADL-3-R	3.86"	3.07"
LGL-ADL-4-R	4.96"	4.33"
LGL-ADL-5-R	6.18"	5.39"
LGL-ADL-6-R	7.40"	6.38"



Model No	Height	Trim Diameter
LGL-ADL-2-S	2.36"	2.17"
LGL-ADL-3-S	3.86"	3.07"
LGL-ADL-4-S	4.96"	4.21"
LGL-ADL-5-S	6.18"	5.28"
LGL-ADL-6-S	7.40"	6.26"



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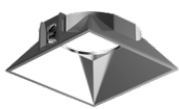
CATALOG NUMBER _____

ADDITIONAL NOTES _____

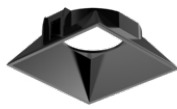
ADL Series Downlight



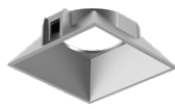
Reflector Finish Options



Specular



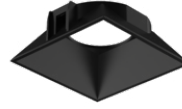
Chrome
Black



Matte



White

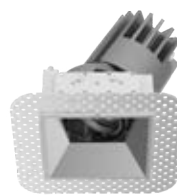
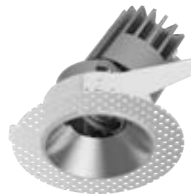


Black



Gold

Trimless Option



Configuration Options



Double



Triple



Quadruple



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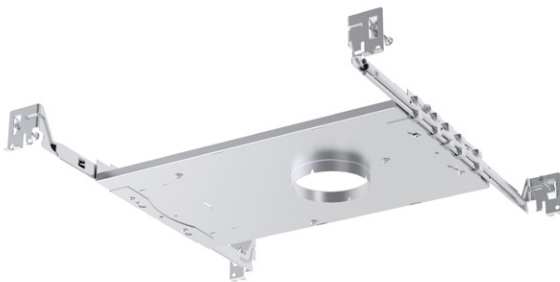
New Construction Housing & Remodel Version



New construction Housing for insulated Ceiling (NCI) IC-Rated

Housing with hanger bar system for new construction installations. Suitable for insulated ceiling or applications.

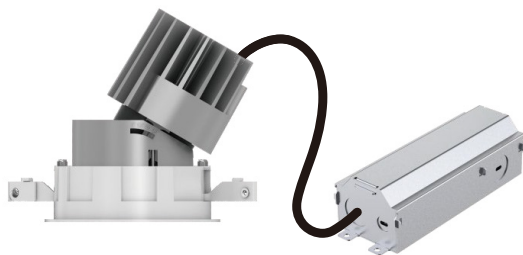
Ceiling thickness: 1/2"



New Construction with Plaster Frame (NCP) Non-IC

Plaster frame with hanger bar system to be installed during rough-in phase. Suitable for non-insulated new construction ceiling assemblies, like Sheetrock, Acoustic Tiles.

Ceiling thickness: 1/2"



Remodel Driver (RD)

For new or existing ceiling. Suitable for non-insulated ceiling.

Ceiling thickness: 1/25" to 1"



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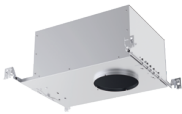
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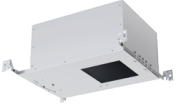
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Available Housings

Round Flanged/Flangeless	Size	Cut-out Dimension	Cut-out Position (A)	Overall Dimension (BXC)	Hanger Bars (D)	Clearance (H)
	2"	Φ2¾"(70mm)	4½"(115mm)	7⅝" x 12 ½"(194x307mm)	9½" x 24½"(246x622mm)	7⅝"(195mm)
	4"	Φ4"(100mm)	4½"(115mm)	7⅝" x 12 ½"(194x307mm)	9½" x 24½"(246x622mm)	7⅝"(195mm)
	4"	Φ4"(100mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	7⅝"(195mm)
	5"	Φ5"(130mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	7⅝"(195mm)
	6"	Φ6"(150mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	7⅝"(195mm)

Square Flanged	Size	Cut-out Dimension	Cut-out Position (A)	Overall Dimension (BXC)	Hanger Bars (D)	Clearance (H)
	2"	2⅝"X2⅝"(71mmX71mm)	4½"(115mm)	7⅝" x 12 ½"(194x307mm)	9½" x 24½"(246x622mm)	7⅝"(195mm)
	4"	4"x4"(100x100mm)	4⅞"(126mm)	7⅝" x 12 ½"(194x307mm)	9½" x 24½"(246x622mm)	7⅝"(195mm)
	4"	4"x4"(100x100mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	7⅝"(195mm)
	4"	4⅞"x4⅞"(126x126mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	7⅝"(195mm)
	6"	6"x6"(151x151mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	7⅝"(195mm)

Round Flanged	Size	Cut-out Dimension	Cut-out Position (A)	Overall Dimension (BXC)	Hanger Bars (D)	Clearance (H)
	2"	Φ2¾"(70mm)	4½"(115mm)	7⅝" x 12 ½"(194x307mm)	9½" x 24½"(246x622mm)	7⅝"(181mm)
	4"	Φ4"(100mm)	4½"(115mm)	7⅝" x 12 ½"(194x307mm)	9 1/2" x 24 1/2"(246x622mm)	5"(127mm)
	4"	Φ4"(100mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	5"(127mm)
	5"	Φ5"(130mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	6⅝"(160mm)
	6"	Φ6"(150mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	6⅝"(190mm)

Square Flanged	Size	Cut-out Dimension	Cut-out Position (A)	Overall Dimension (BXC)	Hanger Bars (D)	Clearance (H)
	2"	2⅝"X2⅝"(71mmX71mm)	4½"(115mm)	7⅝" x 12 ½"(194x307mm)	9½" x 24½"(246x622mm)	7⅝"(181mm)
	4"	4"x4"(100x100mm)	4½"(115mm)	7⅝" x 12 ½"(194x307mm)	9½" x 24½"(246x622mm)	5"(127mm)
	4"	4"x4"(100x100mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	5"(127mm)
	4"	4⅞"x4⅞"(126x126mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	6⅝"(160mm)
	6"	6"x6"(151x151mm)	4⅞"(126mm)	11 ⅞" x 16 ⅞"(288x420mm)	11 ⅞" x 24½"(299.7x622mm)	7⅝"(190mm)

Ceiling thickness	Dimension	Compatible Trim
	L6⅞" x W1 ⅞" x H1 ⅞" (L175 x W47 x H41mm)	3", 4"
	L6 ⅞" x W2 ⅞" x H1 ⅞" (L164 x W61 x H50mm)	3", 4"
	L9 ⅞" x W3 ⅞" x H2 ⅞" (L230 x W78 x H54mm)	5", 6"

Downlight, round, square trim, trimless