

NICOR[®] | LED

2018 LED Downlight Series

DLEv2 | DSKv2 | DSE | DRD | DQD | DGD

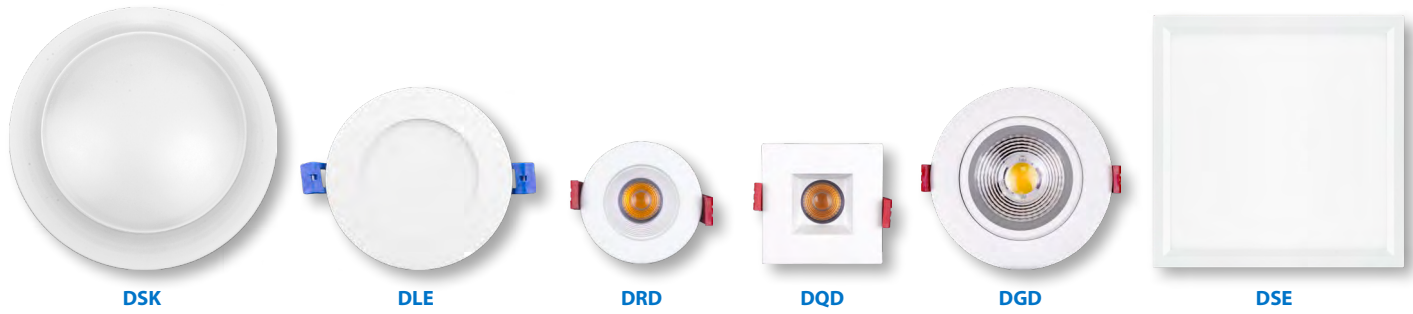


More Choices for **More Applications**



NICOR strives to deliver ease of installation and high-performance lighting solutions while providing a wide variety of form factors and sizes that fit any application. The newest expansion of NICOR's LED downlight family continues to deliver on these standards by providing new remote driver, and surface mount options that not only offer a variety of choices but also meet Energy Star standards. The range of available sizes and form factors add flexibility in application installation while being supported by an array of accessories and color options on select models.

NICOR's LED Downlight Family aims to fill any application need with its large variety of options. With IC and Airtight ratings, these fixtures can be used in areas ranging from residential to retail and commercial spaces. Their high performance, matched with long life, and uniform illumination make them the perfect choices for almost any lighting solution.

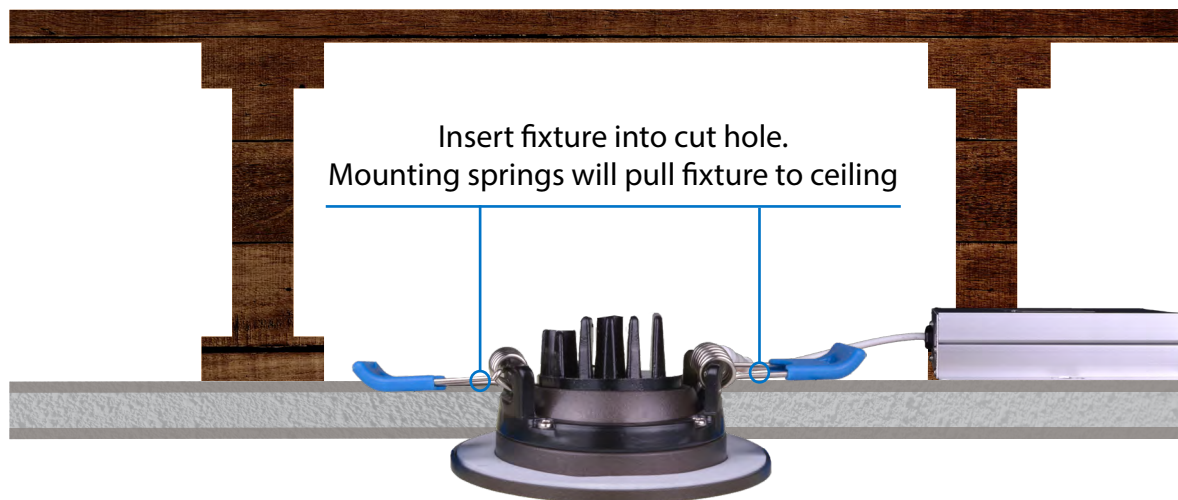
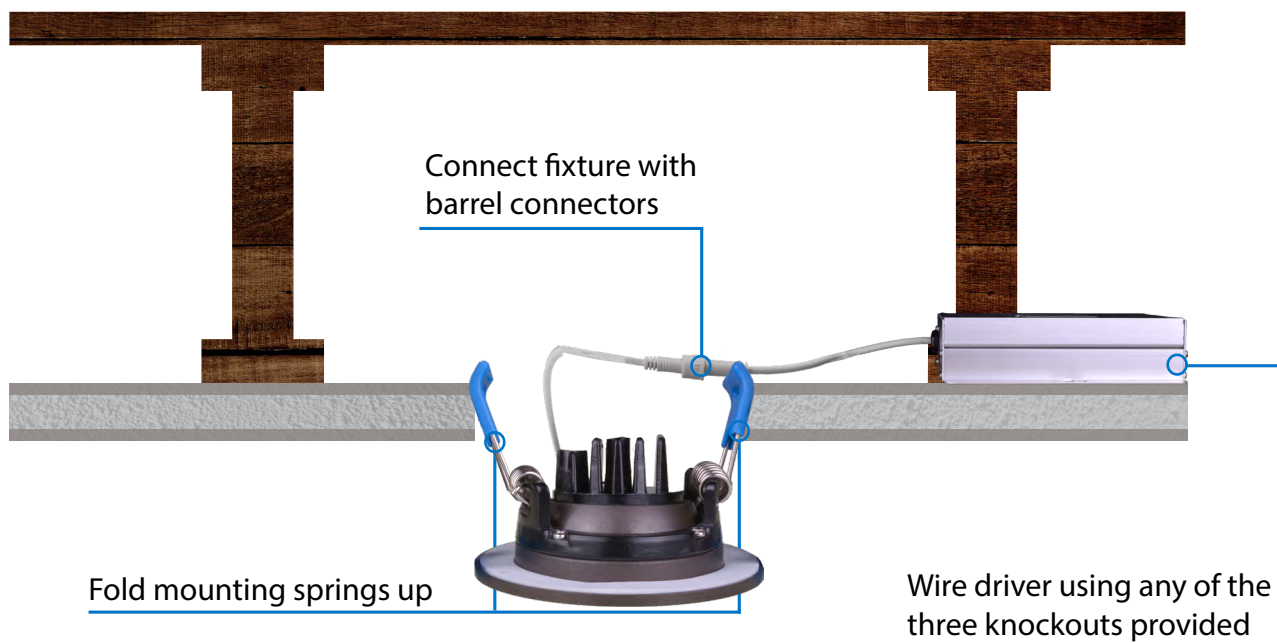


REMOTE DRIVER PRODUCTS

Fixtures using the remote driver allow for a more flexible installation process and are now supported with rough-in templates and extensions cables to further assist in installment.



Remote Driver Products Installation



DLE V2

2" Recessed LED Downlight

The DLE Edge Lit LED Downlight Series offers an attractive visual aesthetic with a low profile in both round and square apertures. The edge-lit technology uses a reflective light guide panel that disperses light through a diffused lens, making it a practical and economical solution with high performance. The ultra-thin fixture depth and off-board driver allow for more flexible installation and increased lifetime with improved thermal management. The DLE fixture uses a plenum-rated cable connector to link the downlight module to the remote driver box and then pops into place with its adjustable, spring-loaded retention tabs for a secure fit, eliminating the need for a J-box or recessed housing. Adding light in tight spaces such as hallways, bathrooms, basements, entryways, porches, stairways, work areas, utility closets and corridors just got easier.

Edge Lit Technology

Allows for thin fixture depth



Frosted Diffused Lens

Uniform light distribution for maximum lumen output



Spring loaded retention arms

For easy installation, no housing needed

Cast Aluminum housing

Keeps heat away from electrical components



Off-Board Driver

Includes junction box with three knockout ports for connection

Product Measurements						
	DLE3-RD	DLE4-RD	DLE4-SQ	DLE6-RD	DLE6-SQ	DLE8-RD
Length:	3.69in (94 mm)	5.0in (127 mm)	4.70in (120 mm)	6.75in (171 mm)	6.90in (175 mm)	9.9in (251 mm)
Height:	0.44in (11 mm)	0.44in (11 mm)	0.80in (18 mm)	0.44in (11 mm)	0.82in (21 mm)	1.9in (48 mm)

DLE V2

Ordering Information

Construction

- Cast aluminum housing routes heat away from electrical components
- Edge-Lit technology allows for extremely thin fixture depth
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation
- Includes gasket to meet AirTight requirements
- Square fixture has round back for easier cut in with standard hole cutters.

Optical System

- Precision engineered optical stack creates uniform light distribution that maximizes lumen output
- Frosted diffused acrylic lens also available CCT offered at 2700K, 3000K, 4000K, 5000K
- Utilizes high performing LEDs with a greater than 90 CRI and an R9 greater than 50

Electrical

- Off-board driver minimizes installation height and maximizes fixture life through improved heat management
- Dimmable to less than 5% with compatible TRIAC dimmers
- Operating temperature of 0° to 120°F (-18°C to 49°C)
- Input voltage of 120VAC
- TM-21 Reported L70(9K) hours >54,000

Finish

- Matte white powder coat finish
- Color trims available in Black, Nickel and Aged Copper
- Available in round or square configurations (DLE4&6 only)

Mounting and Installation

- Spring loaded retention arms allow for easy installation with no need for a recessed housing
- Off-board driver/junction box includes two 1/2" KOs and three-port poke-in connectors
- Included paper cutting template
- Metal rough in template available
- Extension power cables (2', 10', 20') available
- Suitable for damp locations

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel



Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DLE321202KRDWH	347	5.9	58.8
DLE321203KRDWH	354	5.9	60.0
DLE321204KRDWH	362	5.9	61.4
DLE321205KRDWH	372	5.9	63.0
DLE421202KRDWH	710	11.1	64
DLE421203KRDWH	725	11.1	65.3
DLE421204KRDWH	741	11.1	66.8
DLE421205KRDWH	760	11.1	68.5
DLE421202KSQWH	566	8.3	68.4
DLE421203KSQWH	578	8.3	69.8
DLE421204KSQWH	541	8.3	71.4
DLE421205KSQWH	606	8.3	73.2
DLE621202KRDWH	948	13.9	68.4
DLE621203KRDWH	968	13.9	69.8
DLE621204KRDWH	990	15.3	71.4
DLE621205KRDWH	1015	13.9	73.2
DLE621202KSQWH	858	10.8	79.4
DLE621203KSQWH	876	10.8	81.1
DLE621204KSQWH	896	10.8	82.9
DLE621205KSQWH	919	10.8	85.1
DLE821202KRDWH	2018	33.2	60.8
DLE821203KRDWH	2060	33.2	62.1
DLE821204KRDWH	2107	33.2	63.5
DLE821205KRDWH	2161	33.2	65.1



Ordering Information					Example: DLE421203KRDWH
Series	Voltage	Voltage	CCT	Trim Shape	Trim Color
DLE3	2 (Version 2)	120	2K (2700 K)	RD (Round)	WH (white)
DLE4			3K (3000 K)	SQ (Square) (DLE4&6 only)	
DLE6			4K (4000 K)		
DLE8			5K (5000 K)		

(T24 not available in 5000K)

DGD

Gimbal Recessed **LED** Downlight

The DGD LED Downlight Gimbal Series offers a line of gimbal downlights that simplify installing tailored lighting in challenging locations. The high performing light engine with off-board driver allows for more flexible installations and increased lifetime with improved thermal management. The DGD fixture uses a plenum-rated cable connector to link the downlight module to the remote driver box and then pops into place with its adjustable, spring-loaded retention tabs for a secure fit, eliminating the need for a J-box or recessed housing. Adding directional lighting for architectural accent in areas such as living rooms, hallways, stairways and corridors is now easier than ever.



Aluminum Trim

Trims available in 2", 3" and 4"

Gimbal Lens

32° tilt with 360° rotation

Spring loaded retention arms

For easy installation, no housing needed



Cast Aluminum Housing

Keeps heat away from electrical components

Product Measurements

	DGD2	DGD3	DGD4
Width:	2.5in (64 mm)	3.4in (86 mm)	5.0in (127 mm)
Height:	1.5in (38 mm)	2.0in (51 mm)	2.3in (58 mm)

DGD

Ordering Information

Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Optical System

- COB with greater than 90 CRI and an R9 greater than 50
- TIR optic provides smooth, uniform light with a 40° beam angle
- 32° Tilt with 360° rotation

Electrical

- Off-board driver minimizes installation height and maximizes fixture life through improved heatmanagement
- 120V input to driver
- Dimmable to less than 5% with compatible TRIAC dimmers
- Operating temperature rating of 0°F to 120°F (-18°C to 49°C)
- Lifetime rated for greater than 60,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Finish

- Matte white powder coat finish
- Also available in Black, Oil-Rubbed Bronze and Nickel

Installation

- Spring loaded retention arms allow for easy installation with no need for a recessed housing
- Off-board driver/junction box includes two 1/2" KOs and three-port poke-in connectors
- Extension power cables (2', 10', 20') available
- Suitable for damp locations

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel



Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DGD211202KRDWH	356	4.8	74.2
DGD211203KRDWH	366	4.8	76.3
DGD211204KRDWH	376	4.8	78.3
DGD211205KRDWH	384	4.8	80.0
DGD311202KRDWH	571	7.9	72.3
DGD311203KRDWH	588	7.9	74.4
DGD311204KRDWH	603	7.9	76.3
DGD311205KRDWH	616	7.9	77.9
DGD411202KRDWH	983	11.6	84.7
DGD411203KRDWH	1012	11.6	87.2
DGD411204KRDWH	1038	11.6	89.5
DGD411205KRDWH	1060	11.6	91.4



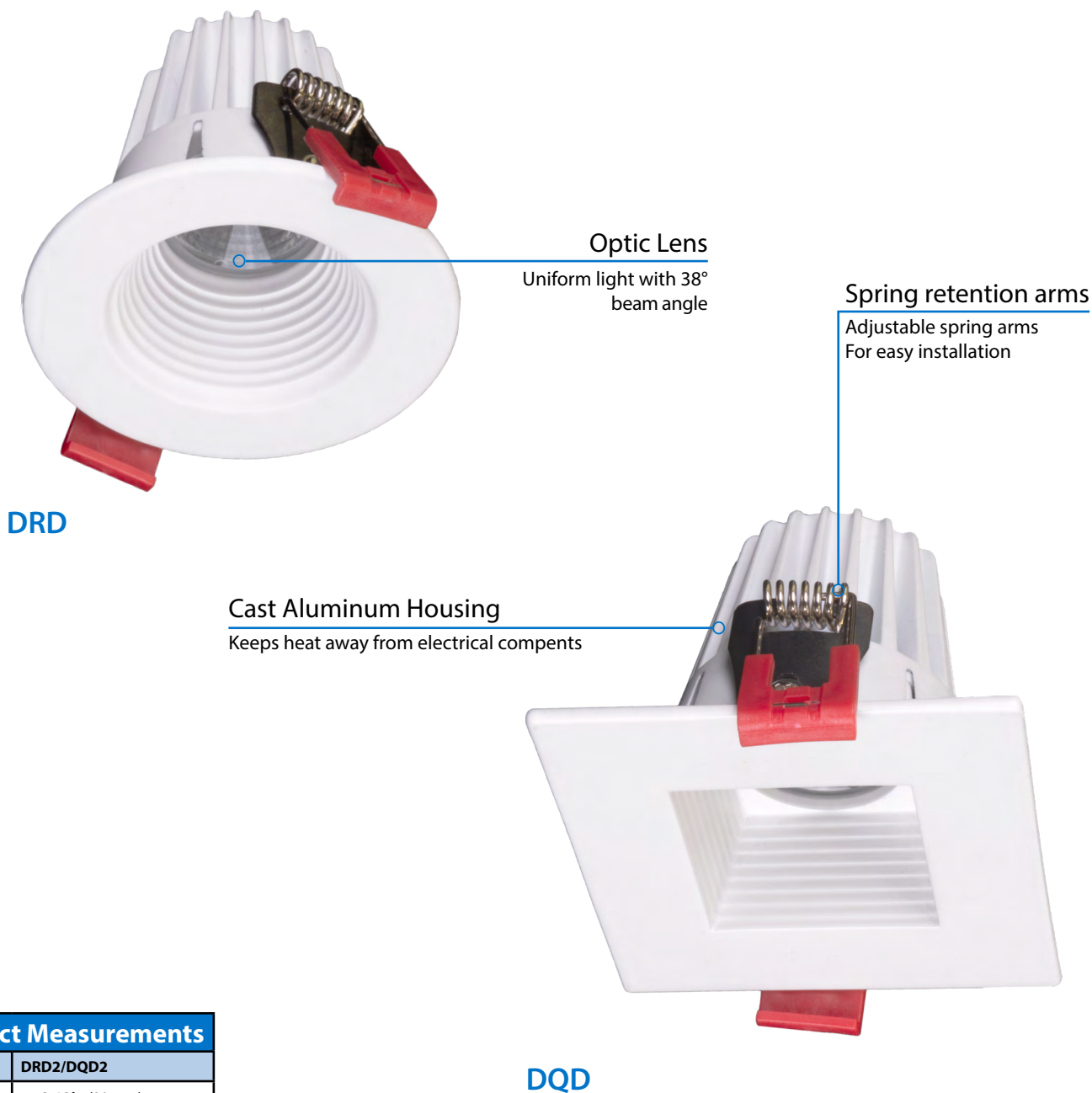
Ordering Information						Example: DGD211203KRDWH
Series	Version	Housing Input Voltage	CCT	Shape	Trim Color	
DGD2	1 (v 1.0)	120 (V)	2K (2700 K)	RD (Round)	WH (white)	
DGD3			3K (3000 K)		BK (black)	
DGD4			4K (4000 K)		WH (nickel)	
			5K (5000 K)		OB (oil-rubbed bronze)	

(T24 not available in 5000K)

DRD/DQD

2" Recessed **LED** Downlight

The DRD2 and DQD2 LED Downlight allows you to bring general ambient lighting into a space with a minimal aperture size. The high performing light engine with off-board driver allows for more flexible installations and increased lifetime with improved thermal management. The DRD2 and DQD2 fixture uses plenum-rated cable connector to link the downlight module to the remote driver box and then pops into place with its adjustable, spring-loaded retention tabs for a secure fit, eliminating the need for a J-box or recessed housing. Adding ambient or accent lighting in areas such as living rooms, hallways, art niches and display cases is now easier than ever.



Product Measurements	
	DRD2/DQD2
Width:	3.13in (80 mm)
Height:	3.0in (76 mm)

DRD/DQD

Ordering Information

Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Optical System

- COB with greater than 90 CRI and an R9 greater than 50
- TIR optic provides smooth, uniform light with a 38° beam angle

Electrical

- Off-board driver minimizes installation height and maximizes fixture life through improved heat management
- 120V input to driver
- Dimmable to less than 5% with compatible TRIAC dimmers
- Operating temperature rating of 0°F to 120°F (-18°C to 49°C)
- Lifetime rated for greater than 60,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Finish

- Matte white powder coat finish

Installation

- Spring loaded retention arms allow for easy installation with no need for a recessed housing
- Off-board driver/junction box includes two 1/2" KOs and three port poke-in connectors
- Extension power cables (2', 10', 20') available
- Suitable for damp locations

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel



Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DRD211202KWH	621	8.1	76.7
DRD211203KWH	639	8.1	78.9
DRD211204KWH	656	8.1	81.0
DRD211205KWH	669	8.1	82.6
DQD211202KWHBF	575	8.3	69.3
DQD211203KWHBF	592	8.3	71.3
DQD211204KWHBF	607	8.3	73.2
DQD211205KWHBF	620	8.3	74.7



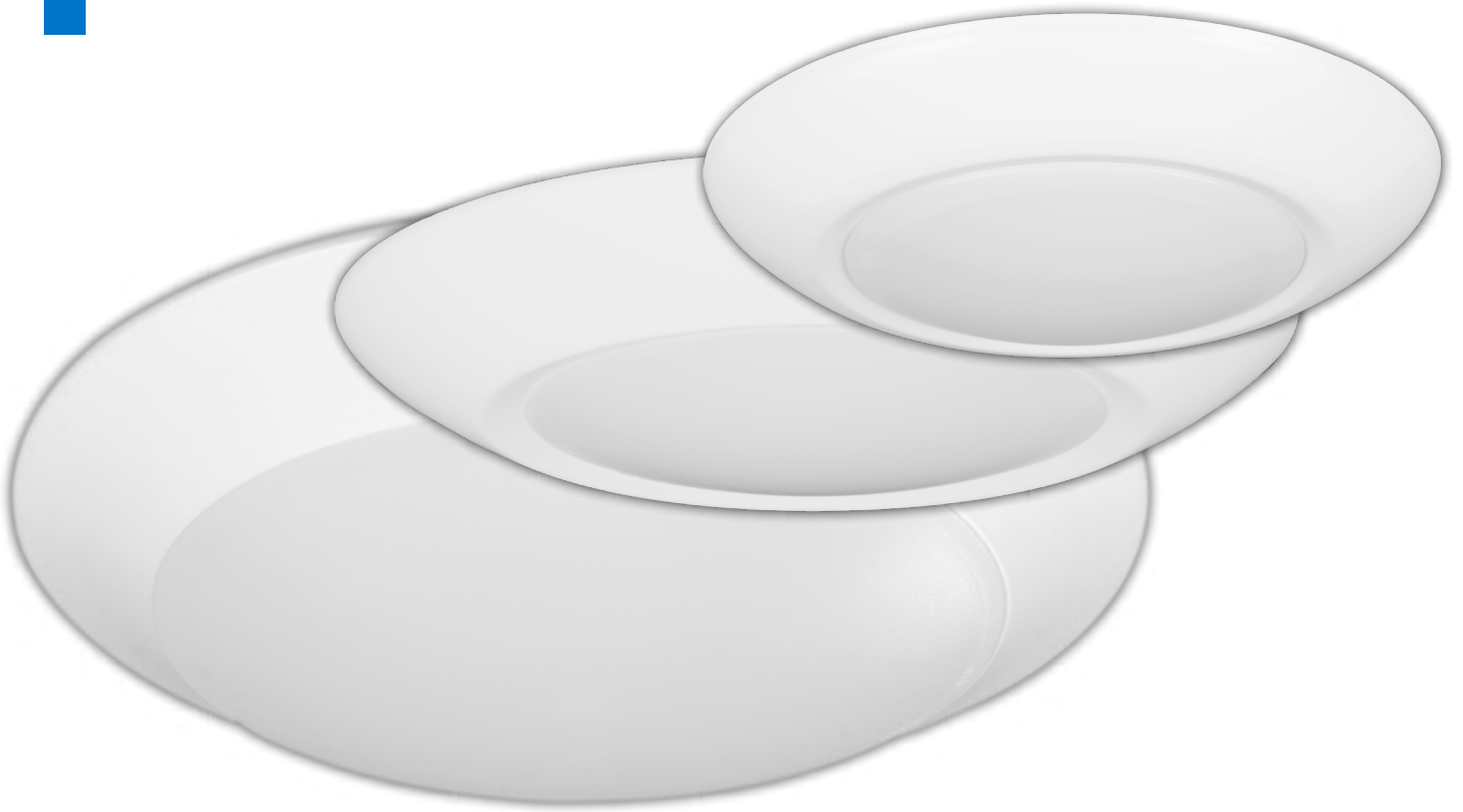
Ordering Information						Example: DQD211203KWHBF
Series	Version	Voltage	CCT	Trim Color	Baffle	
DQD2	1 (Version 1)	120 (120V)	2K (2700 K)	WH (white)	BF (Baffle)	
			3K (3000 K)			
			4K (4000 K)			
			5K (5000 K)			

Ordering Information				
Series	Version	Voltage	CCT	Trim Color
DRD2	1 (Version 1)	120 (120V)	2K (2700 K)	WH (white)
			3K (3000 K)	
			4K (4000 K)	
			5K (5000 K)	

(T24 not available in 5000K)

SURFACE MOUNT PRODUCTS

Surface mount products provide simple driverless designs that fasten directly to most standard 4/O junction boxes.



DSE JBox Installation

1. Install surface mount plate to standard 4/O Jbox or 4" pancake
2. Wire fixture
3. Clip fixture to surface mount plate



DSK JBox Installation

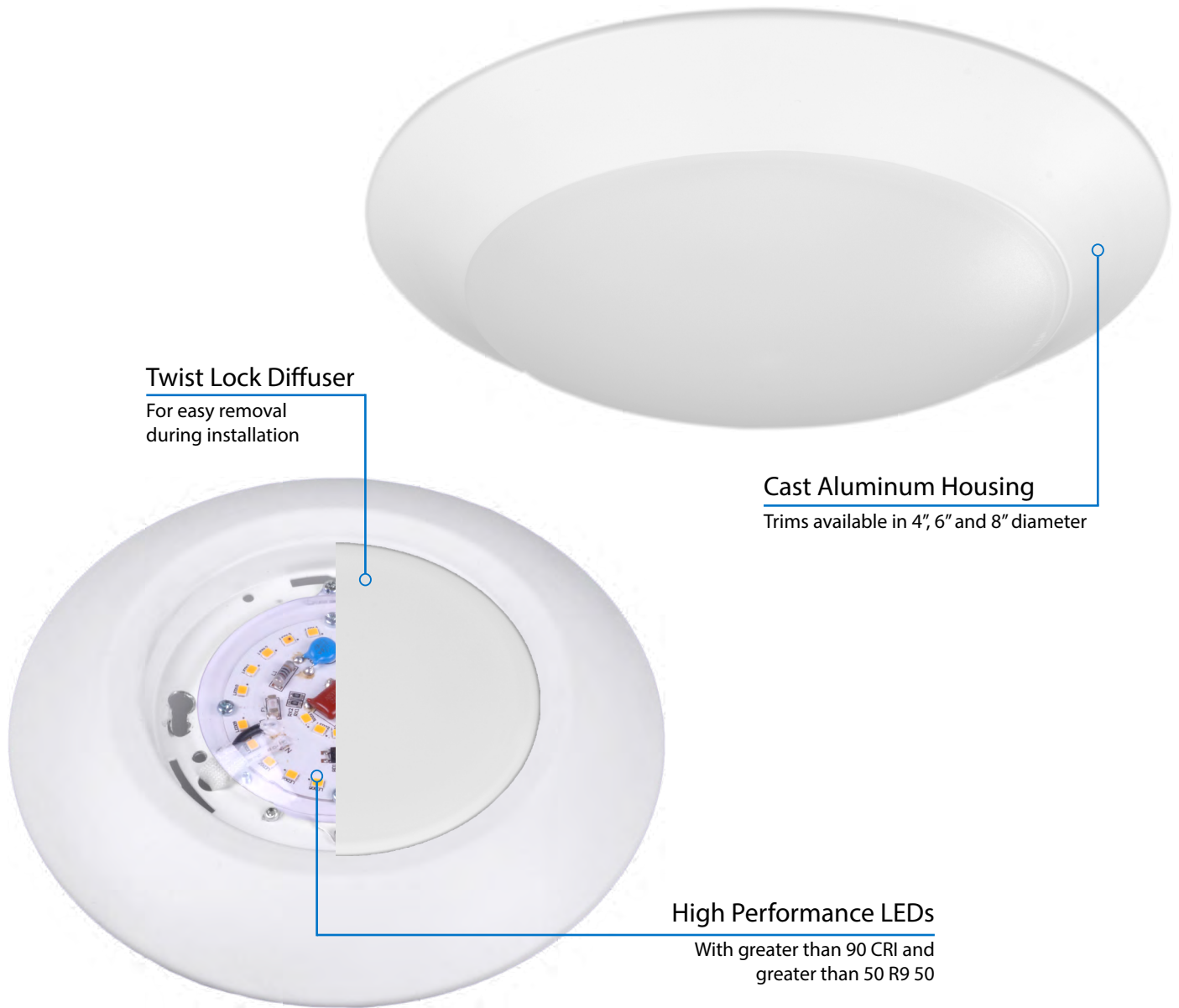
1. Remove Lens
2. Wire fixture using standard 4/O Jbox or 4" pancake box
3. Screw fixture to Jbox
4. Replace Lens



DSK

Driverless Surface Mount **LED** Downlight

The DSK Driverless Surface Mount LED Downlight is our thinnest installation solution designed to fit the tightest of spaces. The driverless technology allows this fixture to fasten to most any 4" pancake, non-metallic or 4/O junction box eliminating the need for recessed housing. Simply remove the twist lock diffuser and set your included captive screws. It's that quick!



Twist Lock Diffuser

For easy removal during installation

Cast Aluminum Housing

Trims available in 4", 6" and 8" diameter

High Performance LEDs

With greater than 90 CRI and greater than 50 R9 50

Product Measurements			
	DSK4	DSK56	DSK8
Trim Width:	6.25in (159 mm)	7.33in (186 mm)	9.44in (240 mm)
Fixture Height:	1.13in (29 mm)	1.13in (29 mm)	1.50in (38 mm)

DSK

Ordering Information

Construction

- Twist lock diffuser allow for easy removal during installation.
- Spun aluminum housing

Optical System

- Polystyrene diffuser and high reflectivity cover maximizes light output while reducing glare, creating uniform light distribution

Electrical

- Input voltage of 120VAC
- Utilizes high performance LEDs with greater than 90 CRI and an R9 greater than 50
- Dimmable to less than 10% with specific TRIAC dimmers
- Operating temperature of 0° to 120°F (-18°C to 49°C)
- TM-21 Reported L70(6K) hours>54,000
- LM-79, LM-80 testing performed in accordance with IESNA standards

Finish

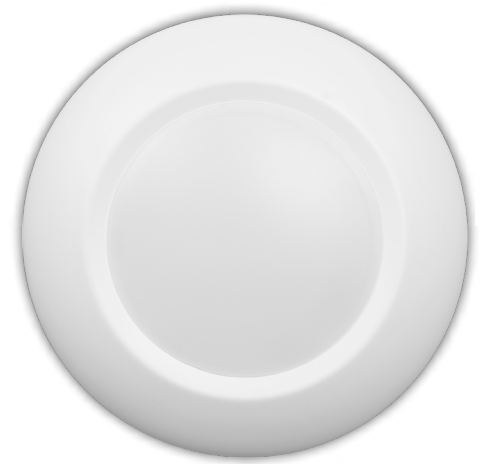
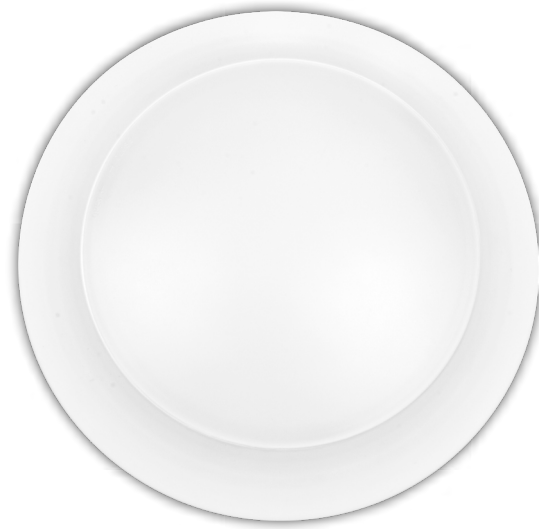
- Matte white powder coat finish

Mounting and Installation

- Easy installation in any 4" pancake, 4" non-metallic or 4/O junction box
- Suitable for use in closets
- Keyhole mounting slots allow for quick installation to junction boxes
- Suitable for wet locations
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel
- Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)



Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DSK42061202KWH	693	10.5	66.0
DSK42061203KWH	713	10.5	67.9
DSK42061204KWH	732	10.5	69.7
DSK42061205KWH	747	10.5	71.1
DSK562081202KWH	817	14.8	55.2
DSK562081203KWH	841	14.8	56.8
DSK562081204KWH	863	14.8	58.3
DSK562081205KWH	881	14.8	59.5
DSK82121202KWH	1185	17.5	67.9
DSK82121203KWH	1219	17.5	69.9
DSK82121204KWH	1251	17.5	71.7
DSK82121205KWH	1277	17.5	73.2



Ordering Information			
Series/Version	Voltage	CCT	Trim Color
DSK4/206	120	2K (2700 K)	WH (white)
DSK56/208		3K (3000 K)	
DSK8/212		4K (4000 K)	
		5K (5000 K)	

Example: DSK562081202KWH

DSE

Edge Lit Surface Mount LED Downlight



Construction

- Aluminum backplate with integral snap tabs
- Injection molded polymer trim
- Available in round or square configurations

Optical System

- Precision engineered optical stack creates uniform light distribution that maximizes lumen output
- CCT offered at 2700K, 3000K, 4000K, 5000K
- Utilizes high performing LEDs with a greater than 90 CRI and an R9 greater than 50

Electrical

- Driverless design minimizes installation height
- Input voltage of 120VAC, 50/60Hz
- Dimmable to less than 5% with compatible TRIAC dimmers
- Operating temperature of 0° to 120°F (-18°C to 49°C)
- TM-21 Reported L70(9K) hours >54,000

Finish

- Matte White

Mounting and Installation

- Surface mounts with integral snap tabs to most 4" junction boxes
- Mounting plate included
- Mount plate includes features to keep fixtures aligned in an installation
- Suitable for damp locations

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DSE521202KRDWH	614	10	61.4
DSE521203KRDWH	632	10	63.2
DSE521204KRDWH	648	10	64.8
DSE521205KRDWH	662	10	66.2
DSE821202KRDWH	950	13.4	70.9
DSE821203KRDWH	978	13.4	73.0
DSE821204KRDWH	1003	13.4	74.9
DSE821205KRDWH	1024	13.4	76.4
DSE921202KRDWH	1277	19	67.2
DSE921203KRDWH	1314	19	69.2
DSE921204KRDWH	1349	19	71.0
DSE921205KRDWH	1377	19	72.5
DSE421202KSQWH	613	10	61.3
DSE421203KSQWH	631	10	63.1
DSE421204KSQWH	647	10	64.7
DSE421205KSQWH	661	10	66.1
DSE621202KSQWH	922	13.4	68.8
DSE621203KSQWH	949	13.4	70.8
DSE621204KSQWH	974	13.4	72.7
DSE621205KSQWH	994	13.4	74.2
DSE921202KSQWH	1340	19	70.5
DSE921203KSQWH	1379	19	72.6
DSE921204KSQWH	1415	19	74.5
DSE921205KSQWH	1445	19	76.0



Ordering Information- Round Trim

Example: DSE821203KRDWH

Series	Size	Version	Voltage	CCT	Trim Shape	Trim Color
DSE	5 (5 inch)	2 (Version 2)	120	2K (2700 K)	RD (Round)	WH (White)
	8 (8 inch)			3K (3000 K)		
	9 (9 inch)			4K (4000 K)		
				5K (5000 K)		

Ordering Information- Square Trim

Example: DSE621203KSQWH

Series	Size	Version	Voltage	CCT	Trim Shape	Trim Color
DSE	4 (4 inch)	2 (Version 2)	120	2K (2700 K)	SQ (Square)	WH (White)
	6 (6 inch)			3K (3000 K)		
	9 (9 inch)			4K (4000 K)		
				5K (5000 K)		

(T24 not available in 5000K)

Accessories

DQD2 | DRD2

2" Rough In Template	ROUGHIN-TEMPLATE-2
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20



DRIVER-EXTCABLE-10

DGD2

24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20



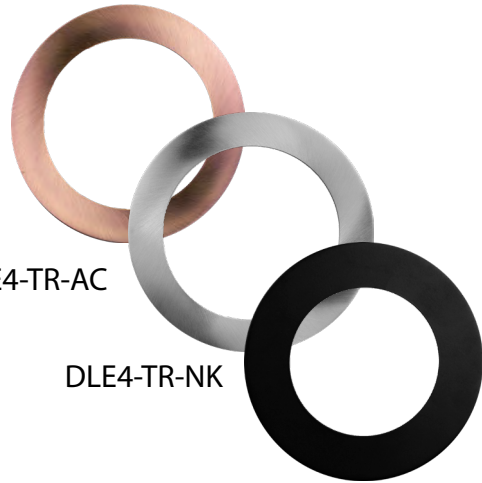
ROUGHIN-TEMPLATE-3

DGD3

3" Rough in Template	ROUGHIN-TEMPLATE-3
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20

DGD4

4" Rough in Template	ROUGHIN-TEMPLATE-4
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20



DLE4-TR-AC

DLE4-TR-NK

DLE4-TR-BK

DLE3

3" Aged Copper Trim Ring - Round	DLE3-TR-AC
3" Black Trim Ring - Round	DLE3-TR-BK
3" Brushed Nickel Trim Ring - Round	DLE3-TR-NK
3" Rough in Template	ROUGHIN-TEMPLATE-3
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20

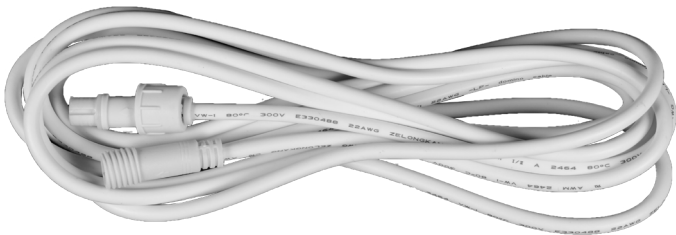
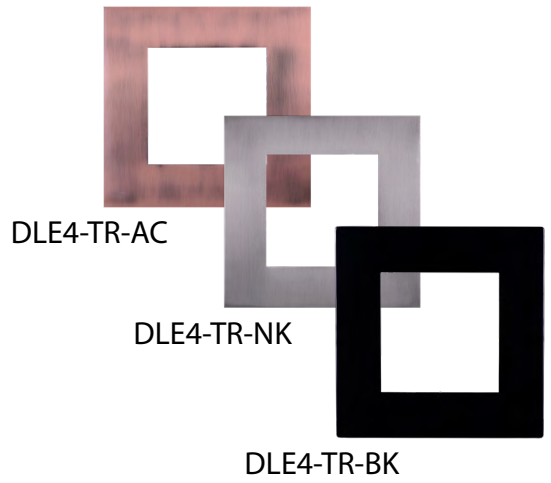
DLE4

4" Aged Copper Trim Ring - Round	DLE4-TR-AC
4" Black Trim Ring - Round	DLE4-TR-BK
4" Brushed Nickel Trim Ring - Round	DLE4-TR-NK
4" Aged Copper Trim Ring - Square	DLE4-TR-SQ-AC
4" Black Trim Ring - Square	DLE4-TR-SQ-BK
4" Brushed Nickel Trim Ring - Square	DLE4-TR-SQ-NK
Round Mounting Template (13" length)	DLE4-RD-TEMPLATE
4" Rough In Template (26" length)	ROUGHIN-TEMPLATE-4
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20

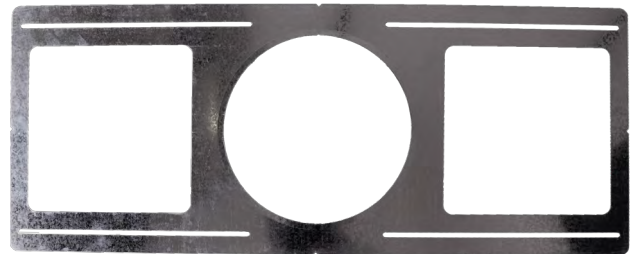


ROUGHIN-TEMPLATE-4

DLE6	
6" Aged Copper Trim Ring- Round	DLE6-TR-AC
6" Black Trim Ring- Round	DLE6-TR-BK
6" Brushed Nickel Trim Ring - Round	DLE6-TR-NK
6" Aged Copper Trim Ring - Square	DLE6-TR-SQ-AC
6" Black Trim Ring - Square	DLE6-TR-SQ-BK
6" Brushed Nickel Trim Ring - Square	DLE6-TR-SQ-NK
Round Mounting Template (13" length)	DLE6-RD-TEMPLATE
6" Rough In Template (26" length)	ROUGHIN-TEMPLATE-6
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20
DLE8	
8" Aged Copper Trim Ring- Round	DLE8-TR-AC
8" Black Trim Ring- Round	DLE8-TR-BK
8" Brushed Nickel Trim Ring - Round	DLE8-TR-NK
8" Rough in Template	ROUGHIN-TEMPLATE-8
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20



DLE-EXTCABLE-24



ROUGHIN-TEMPLATE-8



Warehouse Locations

Albuquerque NM Houston TX
Atlanta GA Miami FL
Detroit MI Syracuse NY
Hayward CA Van Nuys CA

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F 800.892.8393
www.nicorlighting.com
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Albuquerque NM 87107 USA



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