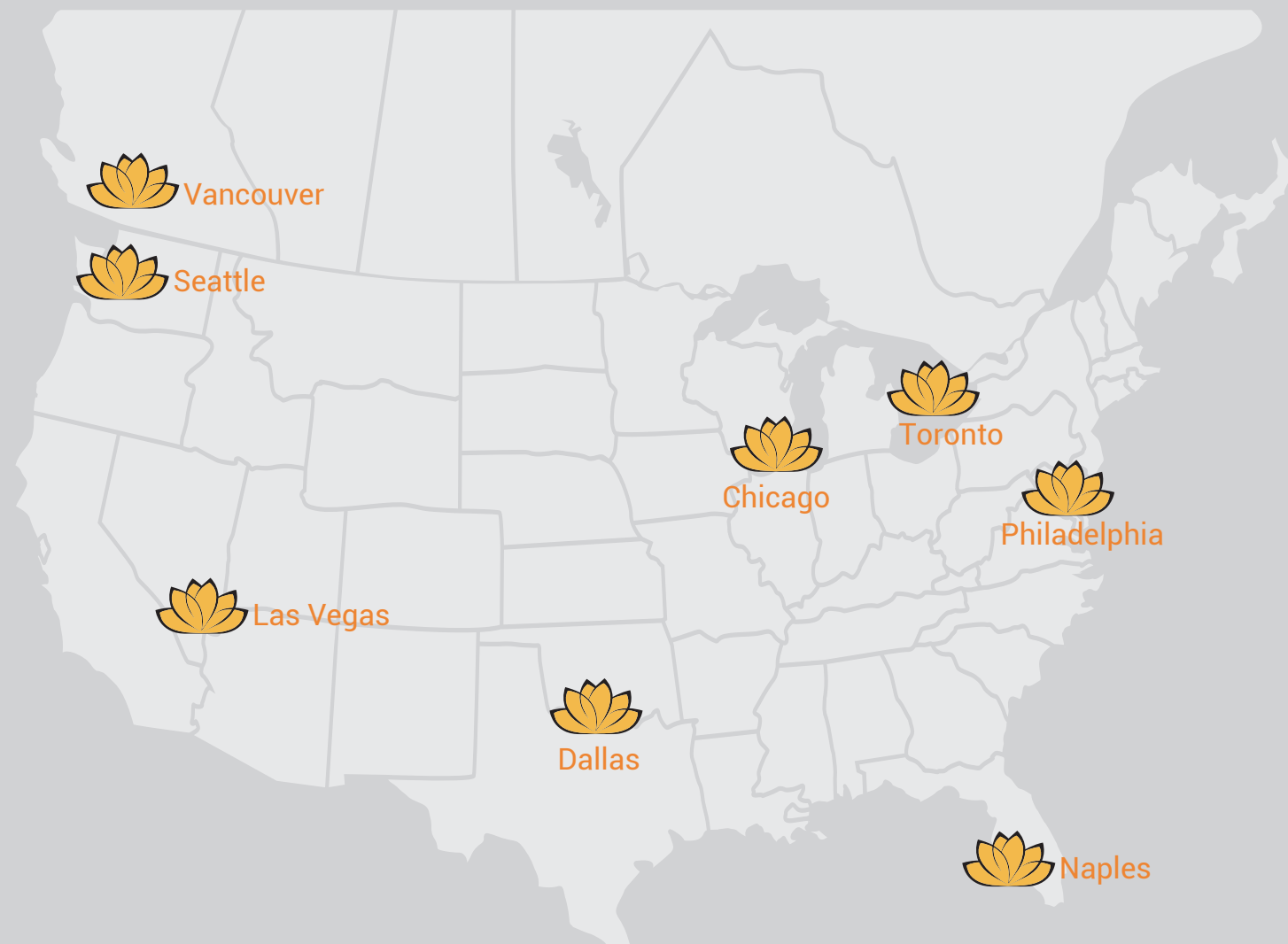


Lotus LED Lights is closer than you think!



For any Technical Questions call Monday to Friday 9 am to 7 pm Eastern Time / 6 am to 4 pm Pacific Time:

Canada: 604-538-3090

USA: 360-200-5500

Toll Free: 1-844-24-LOTUS (1-844-245-6887)

Fax: 1-877-561-6306

e-mail:

Technical Support: support@lotusledlights.com

Administration: office@lotusledlights.com

Warranty: warranty@lotusledlights.com

Orders: orders@lotusledlights.com

Canada:

Lotus LED Lights

800 — 15355 24th Ave, Box 200

Surrey, BC V4A 2H9, Canada

Warehouses: Vancouver BC, Toronto ON

USA:

Lotus LED Lights

250H Street # 301

Blaine, WA 98230, USA

Warehouses: Seattle WA, Las Vegas NV,
Dallas TX, Naples FL, Philadelphia PA, Chicago IL



Lotus
LED
Lights

Slim Recessed LED Lighting



THE ORIGINAL IN NORTH AMERICA



V4



Lotus LED Lights Inc has specialized in Slim Recessed LED Lighting Solutions since 2008. The products are sold through its subsidiaries in Canada and the USA.

The high quality and unique features of our lights have established Lotus LED as the North American Lighting Industry Leader for Limited Space Applications.

All current Lotus products and future innovations are designed and developed by our North American Design Team, in order to comply with the relevant National and Regional Building Codes. Lotus holds the design patent for the revolutionary driver-enclosed connection box for LED fixtures and patent pending for air-tight gimbal fixtures without housing.

The production is based in Lotus LED Lights' factory in Shenzhen, China. The management system governing the manufacture of our products is ISO 9001:2000 and ISO 14001:2004 certified.

Lotus is proud that its distribution network includes the major electrical wholesale chains in North America, as well as numerous independent electrical wholesalers and lighting galleries.

Lotus LED Lights is headquartered in Greater Vancouver, BC, where its Western Canada Distribution Center is located. The Eastern Canada market is served by our Toronto warehouse.

The USA markets are served by our warehouses in Naples FL, Las Vegas NV, Philadelphia PA, Dallas TX and Seattle WA and Chicago IL.

Lotus has gained a continent-wide reputation for quality and reliability of its products. We are also known for responsive customer service; our warehouse network is designed to provide quick and economical delivery.

Index

2" Gimbals.....	04
3" Gimbals.....	05
4" Gimbals.....	06
6" Gimbals.....	07
4" Regressed Open Plenum Rated	08
6" Regressed Open Plenum Rated	09
4" Round Super Thin	10
6" Round Super Thin	11
4" Square Super Thin & Slim	12
6" Square Super Thin & Slim	13
8" Round Residential	14
8" & 10" Round Commercial	15
J-Box Mount 4"	16
Accessories	17
Condensed Spec Sheet All Models	18-19
Contact Us.....	20



2" Gimbals

LL2G / LRG2 / LSG2

Type IC, Wet Location & Air-Tight



DESCRIPTION

2" LED Recessed Gimbals With Integral Driver In Connection Box
Eyeball, Round Regressed & Square Regressed Models
Unique Design: Air-Tight Gimbal Without Housing Needed
24° Directional Beam – Great for Sloped Ceilings and Highlighting Artwork

FEATURES & BENEFITS

1 3/4" Ceiling Space Required for Installation
Type IC Rated – No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box – No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

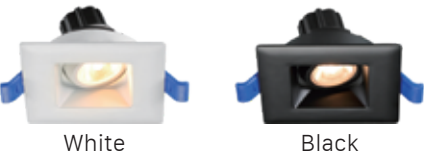
Available Trims LL2G



Available Trims LRG2



Available Trims LSG2



ORDERING GUIDE

Example: LL2G-30K-WH

Model:	Light Colour:	Trim Finish:
LL2G	27K: 2700K	WH: White
LRG2	30K: 3000K	BK: Black
LSG2	40K: 4000K	BN: Brushed Nickel (LL2G only)
LL2G24V		24V available in WH trim only

SPECIFICATIONS		
Models	LL2G	LRG2 / LSG2
Applications	Sloped Ceilings, Highlighting Artwork	
Energy Used	5 W	
Colour Temperature (K)	2700 / 3000 / 4000	
Light Output (lm)	380 / 400 / 430	
Halogen Equivalent	35 W	
Beam Angle	24°	
CRI	> 90	
Driver Input	120V AC or 24V DC	120V AC
Power Factor	0.98	
Dimming (120V only)	TRIAC Dimmers 5% - 100%	
Approved Location	Insulated Ceiling & Wet Locations	
Air Tight	Yes	
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)	
Projected Life	70% Light Output at 50,000 Hours	
Certification	cULus, Energy Star & T24 (120V only)	
Warranty	10 Year on Residential	
	5 Year on Commercial Applications	

120V Input Driver Included



ACCESSORIES

Low Volage Extension Cables
6ft – cat # EXC6, 20ft – cat # EXC20
Max 40 ft Extension Allowed



Rough-In Plates for New Construction
for model LL2G: cat # RIP2
for models LRG2 & LSG2: cat # RIP212



24V DC Option - Not Dimmable

Model LL2G is available in 24V DC input, White trim only



Dimensions

Model	ID	OD	Cut Out
LL2G	2"	2 1/2"	2" to 2 1/8"
LRG2	2 1/2"	3"	2 1/2" to 2 3/4"
LSG2	2 1/2"	3" Square	2 1/2" to 2 3/4"



Canadian Patent No. 2,967,954 and United States Patent Pending



3" Gimbals

LL3G / LRG3 / LSG3

Type IC, Wet Location & Air-Tight



DESCRIPTION

3" LED Recessed Gimbals With Integral Driver In Connection Box
Eyeball, Round Regressed & Square Regressed Models
Unique Design: Air-Tight Gimbal Without Housing Needed
38° & 15° Beam – Great for Sloped Ceilings and Highlighting Artwork

FEATURES & BENEFITS

3 3/4" Ceiling Space Required for Installation
Type IC Rated – No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box – No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

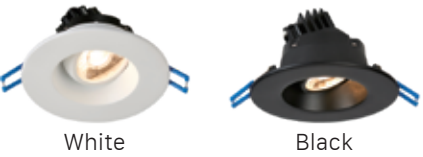
MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

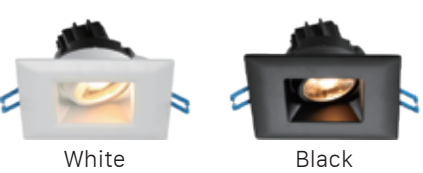
Available Trims LL3G



Available Trims LRG3



Available Trims LSG3



ORDERING GUIDE

Example: LL3G-30K-WH

Model:	Light Colour:	Trim Finish:
LL3G	27K: 2700K	WH: White
LRG3	30K: 3000K	BK: Black
LSG3	40K: 4000K	BN: Brushed Nickel (LL3G only)
LRG3/LSG3-15D		for 15° models add -15D after the trim colour



Canadian Patent No. 2,967,954 and United States Patent Pending



4" Gimbals

LL4G / LRG4

Type IC, Wet Location & Air-Tight



DESCRIPTION

4" LED Recessed Gimbals With Integral Driver In Connection Box
Eyeball & Round Regressed Models
Unique Design: Air-Tight Gimbal Without Housing Needed
38°Beam - Great for Sloped Ceilings and Highlighting Artwork

FEATURES & BENEFITS

2 1/2" Ceiling Space Required for Installation
Type IC Rated - No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LL4G



White Black Brushed Nickel

Available Trims LRG4



White Black

ORDERING GUIDE

Example: LL4G-30K-WH

Model:	Light Colour:	Trim Finish:
LL4G	27K: 2700K	WH: White
LRG4	30K: 3000K	BK: Black
	40K: 4000K	BN: Brushed Nickel (LL4G only)

SPECIFICATIONS	
Models	LL4G / LRG4
Applications	Sloped Ceilings, Highlighting Artwork
Energy Used	11.4 W
Colour Temperature (K)	2700 / 3000 / 4000
Light Output (lm)	960 / 1000 / 1050
Halogen Equivalent	100 W
Beam Angle	38°
CRI	> 90
Driver Input	120V AC or 277V-347V AC 50/60 Hz
Power Factor	0.98
Dimming (120V only)	TRIAC Dimmers 5% - 100%
Approved Location	Insulated Ceiling & Wet Locations
Air Tight	Yes
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)
Projected Life	70% Light Output at 50,000 Hours
Certification	cULus, Energy Star, T24
Warranty	10 Year on Residential
	5 Year on Commercial Applications

120V Input Driver Included



ACCESSORIES

Sold Separately

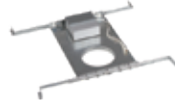
Low Voltage Extension Cables
6ft - cat # EXC6, 20ft - cat # EXC20
Max 40 ft Extension Allowed



Flat Rough-In Plates
for model LL4G: cat # RIP4



Flanged Rough-In Plates
for model LL4G: cat # LRP4
for model LRG4: cat # LRP5



Goof Rings for LL4G with OD 5 3/4"
White - cat # GR4-WH
Black - cat # GR4-BK



277 - 347V Optional Driver - not dimmable

cat # LLL-LD1025H



Dimensions

Model	ID	OD	Cut Out
LL4G	4"	5"	4" to 4 1/4"
LRG4	4 3/4"	5 3/4"	4 3/4" to 5"



Canadian Patent No. 2,967,954 and United States Patent Pending

6" Gimbals

LRG6



Type IC, Wet Location & Air-Tight



DESCRIPTION

6" LED Recessed Gimbals With Integral Driver In Connection Box
Round Regressed Models
Unique Design: Air-Tight Gimbal Without Housing Needed
38°Beam - Great for Sloped Ceilings and Highlighting Artwork

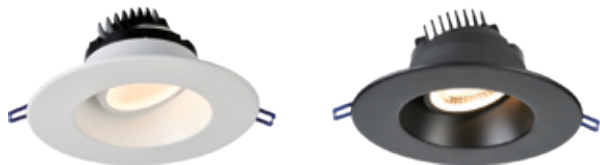
FEATURES & BENEFITS

3" Ceiling Space Required for Installation
Type IC Rated - No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims



White Black

ORDERING GUIDE

Example: LRG6-30K-WH

Model:	Light Colour:	Trim Finish:
LRG6	27K: 2700K	WH: White
	30K: 3000K	BK: Black
	40K: 4000K	

SPECIFICATIONS	
Models	LRG6
Applications	Sloped Ceilings, Highlighting Artwork
Energy Used	15 W
Colour Temperature (K)	2700 / 3000 / 4000
Light Output (lm)	1200 / 1250 / 1300
Halogen Equivalent	120 W
Beam Angle	38°
CRI	> 90
Driver Input	120V AC or 277V-347V AC 50/60 Hz
Power Factor	0.98
Dimming (120V only)	TRIAC Dimmers 5% - 100%
Approved Location	Insulated Ceiling & Wet Locations
Air Tight	Yes
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)
Projected Life	70% Light Output at 50,000 Hours
Certification	cULus, Energy Star, T24
Warranty	10 Year on Residential
	5 Year on Commercial Applications

120V Input Driver Included



ACCESSORIES

Sold Separately

Low Voltage Extension Cables
6ft - cat # EXC6, 20ft - cat # EXC20
Max 40 ft Extension Allowed



Flat Rough-In Plates
cat # RIP6



Flanged Rough-In Plates
Cat # LRP6



277 - 347V Optional Driver - not dimmable

Cat # LLL-LD1535H



Dimensions

Model	ID	OD	Cut Out
LRG6	5 1/4"	7 1/2"	5 1/4" to 6"



Canadian Patent No. 2,967,954 and United States Patent Pending



4" Regressed Open Plenum Rated

LL4RR / LL4SR

Type IC, Wet Location & Air-Tight

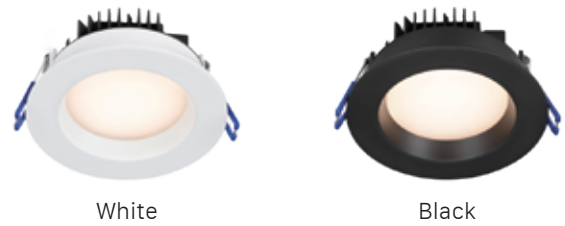


DESCRIPTION
4" Recessed LED With Integral Driver In Connection Box
Round & Square Regressed Models
Commercial Grade Quality with Architectural Design

FEATURES & BENEFITS
2" Ceiling Space Required for Installation
Type IC Rated - No Housing Required
Wet Location Approved
Open Plenum Rated - Suitable for Commercial Installations
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LL4RR



Available Trims LL4SR



ORDERING GUIDE Example: LL4RR-30K-WH

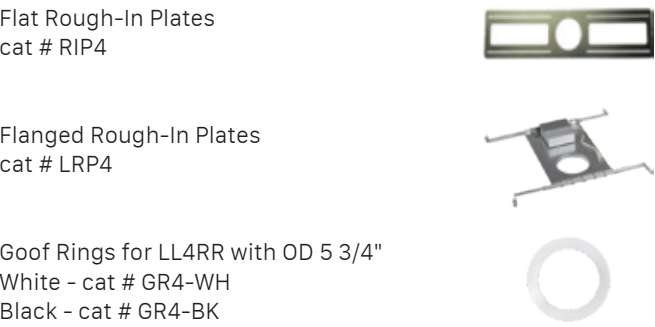
Model:	Light Colour:	Trim Finish:
LL4RR	27K: 2700K	WH: White
LL4SR	30K: 3000K	BK: Black
	40K: 4000K	

SPECIFICATIONS		
Models	LL4RR	LL4SR
Applications	Recessed Ceiling Mount	
Energy Used	14.5 W	
Colour Temperature (K)	2700 / 3000 / 4000	
Light Output (lm)	950 / 1000 / 1020	850 / 900 / 950
Halogen Equivalent	90 W	
Beam Angle	100°	
CRI	> 90	
Driver Input	120V AC or 277V-347V AC 50/60 Hz	
Power Factor	0.98	
Dimming (120V only)	TRIAC Dimmers 5% - 100%	
Approved Location	Insulated Ceiling & Wet Locations	
Air Tight	Yes	
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)	
Projected Life	70% Light Output at 50,000 Hours	
Certification	cULus, Energy Star, T24	
Warranty	10 Year on Residential	
	5 Year on Commercial Applications	

120V Input Driver Included



ACCESSORIES



277 - 347V Optional Driver - not dimmable



Dimensions

Model	ID	OD	Cut Out
LL4RR	4"	5"	4 " to 4 1/4"
LL4SR	4"	5" Square	4 " to 4 1/4"



6" Regressed Open Plenum Rated

LL6RR / LL6SR



Type IC, Wet Location & Air-Tight



DESCRIPTION
6" Recessed LED With Integral Driver In Connection Box
Round & Square Regressed Models
Commercial Grade Quality with Architectural Design

FEATURES & BENEFITS
2" Ceiling Space Required for Installation
Type IC Rated - No Housing Required
Wet Location Approved
Open Plenum Rated - Suitable for Commercial Installations
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LL6RR



Available Trims LL6SR

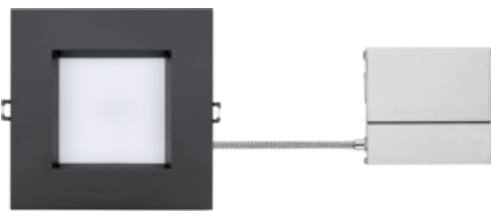


ORDERING GUIDE Example: LL6RR-30K-WH

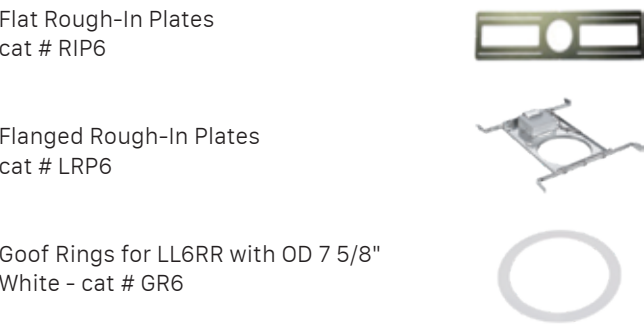
Model:	Light Colour:	Trim Finish:
LL6RR	27K: 2700K	WH: White
LL6SR	30K: 3000K	BK: Black
	40K: 4000K	

SPECIFICATIONS		
Models	LL6RR	LL6SR
Applications	Recessed Ceiling Mount	
Energy Used	17 W	18 W
Colour Temperature (K)	2700 / 3000 / 4000	
Light Output (lm)	1150 / 1200 / 1300	1100 / 1200 / 1250
Halogen Equivalent	100 W	
Beam Angle	100°	
CRI	> 90	
Driver Input	120V AC or 277V-347V AC 50/60 Hz	
Power Factor	0.98	
Dimming (120V only)	TRIAC Dimmers 5% - 100%	
Approved Location	Insulated Ceiling & Wet Locations	
Air Tight	Yes	
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)	
Projected Life	70% Light Output at 50,000 Hours	
Certification	cULus, Energy Star, T24	
Warranty	10 Year on Residential	
	5 Year on Commercial Applications	

120V Input Driver Included



ACCESSORIES



277 - 347V Optional Driver - not dimmable



Dimensions

Model	ID	OD	Cut Out
LL6RR	6"	7"	6 " to 6 1/4"
LL6SR	6"	7" Square	6 " to 6 1/4"





4" Round Super Thin

LL4R Ultimate / LY4RCS Original / LB4R Economy

Type IC, Wet Location & Air-Tight

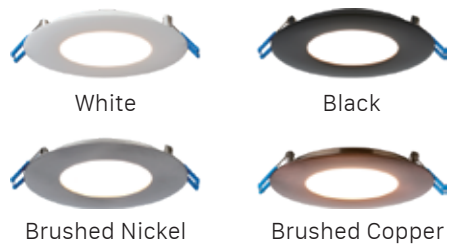


DESCRIPTION
4" Round Recessed LED With Integral Driver In Connection Box Fits Where No Other Recessed Fixture Can

FEATURES & BENEFITS
1/2" Thick - Install Directly Under Joists, Maximum Layout Flexibility
2" Above Ceiling Clearance Required When Driver Is Connected Directly To Fixture
Type IC Rated - No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LL4R



Available Trims LY4RCS



Available Trims LB4R

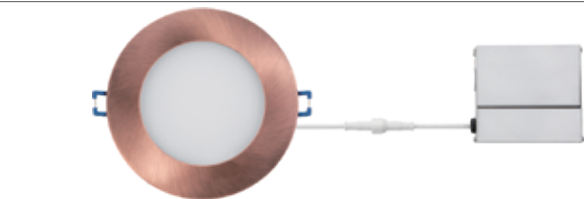


ORDERING GUIDE Example: LL4R-30K-WH

Model:	Light Colour:	Trim Finish:
LL4R	27K: 2700K (LL4R only)	WH: White
LY4RCS	30K: 3000K	BK: Black
LB4R	40K: 4000K	BN: Brushed Nickel (LL4R and LY4RCS only)
LL4R24V	50K: 5000K (LL4R only)	BC: Brushed Copper (LL4R only)
	28K: 2800-2000K	LL4R WH only
	35K: 3500-2000K	LL4R WH only

SPECIFICATIONS			
Models	LL4R	LY4RCS	LB4R
Applications	Recessed Ceiling Mount		
Energy Used	13.5 W	9 W	11 W
Colour Temperature (K)	2700/3000/4000/5000	3000/4000	3000/4000
Light Output (lm)	750 / 760 / 800 / 850	550/600	700 / 730
Dim to Warm Option (K)	3500-2000, 2800-2000		N/A
Halogen Equivalent	75 W	50 W	65 W
Beam Angle	100°		
CRI	> 90	> 80	
Driver Input	120V, 277-347V & 24V	120V AC or 277V-347V AC 50/60 Hz	
Power Factor	0.98		
Dimming (120V only)	TRIAC Dimmers 5% - 100%		
Approved Location	Insulated Ceiling & Wet Locations		
Air Tight	Yes		
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)		
Projected Life	70% Light Output at 50,000 Hours		36,000 Hours
Certification	cULus, Energy Star, T24		
Warranty	10 Year on Residential		5 Year
	5 Year on Commercial Applications		

120V Input Driver Included



ACCESSORIES

Flat Rough-In Plates
for LL4R: cat # RIP412
for LY4RCS & LB4R: cat # RIP4

Flanged Rough-In Plates
for LL4R: cat # LRP412
for LY4RCS & LB4R: cat # LRP4

Goof Rings with OD 5 3/4"
White - cat # GR4-WH
Black - cat # GR4-BK

277 - 347V Optional Driver - not dimmable

for LL4R & LY4RCS: cat # LLL-LD1535H
for LB4R: cat # LLL-LD1535HB

24V DC Input - Available for model LL4R only

Dimensions			
Model	ID	OD	Cut Out
LL4R	4 1/8"	5 1/4"	4 1/4 " to 4 1/2"
LY4RCS	4 1/8"	4 3/4"	4 1/8" to 4 1/4"
LB4R	4"	4 7/8"	4" to 4 1/4"



6" Round Super Thin

LL6R Ultimate / LY6RCS Original / LB6R Economy

Type IC, Wet Location & Air-Tight

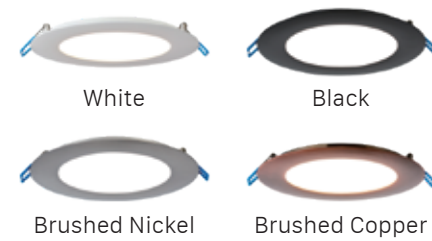


DESCRIPTION
6" Round Recessed LED With Integral Driver In Connection Box Fits Where No Other Recessed Fixture Can

FEATURES & BENEFITS
1/2" Thick - Install Directly Under Joists, Maximum Layout Flexibility
2" Above Ceiling Clearance Required When Driver Is Connected Directly To Fixture
Type IC Rated - No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LL6R



Available Trims LY6RCS



Available Trims LB6R



ORDERING GUIDE Example: LL6R-30K-WH

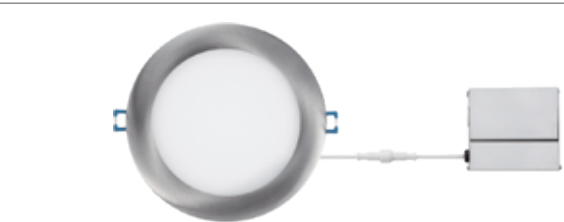
Model:	Light Colour:	Trim Finish:
LL6R	27K: 2700K (LL6R only)	WH: White
LY6RCS	30K: 3000K	BK: Black
LB6R	40K: 4000K	BN: Brushed Nickel (LL6R and LY6RCS only)
	50K: 5000K (LL6R only)	BC: Brushed Copper (LL6R only)
	28K: 2800-2000K	LL6R WH only
	35K: 3500-2000K	LL6R WH only

Dimensions			
Model	ID	OD	Cut Out
LL6R	6 1/8"	7 1/2"	6 1/4 " to 6 1/2"
LY6RCS	6 1/4"	6 3/4"	6 1/4 " to 6 1/2"
LB6R	6 1/8"	6 3/4"	6 1/4 " to 6 1/2"



SPECIFICATIONS			
Models	LL6R	LY6RCS	LB6R
Applications	Recessed Ceiling Mount		
Energy Used	17 W	12 W	14 W
Colour Temperature (K)	2700/3000/4000/5000	3000/4000	3000/4000
Light Output (lm)	950/980/1000/1050	700 / 800	900 / 930
Dim to Warm Option (K)	3500-2000, 2800-2000		N/A
Halogen Equivalent	100 W	75 W	90 W
Beam Angle	100°		
CRI	> 90	> 80	
Driver Input	120V AC or 277V-347V AC 50/60 Hz		
Power Factor	0.98		
Dimming (120V only)	TRIAC Dimmers 5% - 100%		
Approved Location	Insulated Ceiling & Wet Locations		
Air Tight	Yes		
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)		
Projected Life	70% Light Output at 50,000 Hours		36,000 Hours
Certification	cULus, Energy Star, T24		
Warranty	10 Year on Residential		5 Year
	5 Year on Commercial Applications		

120V Input Driver Included



ACCESSORIES

Flat Rough-In Plates
for LL6R: cat # RIP612
for LY6RCS & LB6R: cat # RIP6

Flanged Rough-In Plates
cat # LRP6

Goof Rings with OD 7 5/8"
White - cat # GR6

277 - 347V Optional Driver - not dimmable

for LL6R: cat # LLL-LD2050H
for LY6RCS: cat # LLL-LD1535H
for LB6R: cat # LLL-LD1535HB





4" Square Super Thin & Slim

LL4S Super Thin / LY4S Slim

Type IC, Wet Location & Air-Tight



DESCRIPTION
4" Square Recessed LED With Integral Driver In Connection Box
Fits Where No Other Recessed Fixture Can

FEATURES & BENEFITS
LL4S: 1/2" Thick - Install Directly Under Joists, Maximum Layout Flexibility
LY4S: 1 3/8" Thick with heat sink for extended LED life
2" Above Ceiling Clearance Required When Driver Is Connected Directly To Fixture
Type IC Rated - No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LL4S



Available Trims LY4S



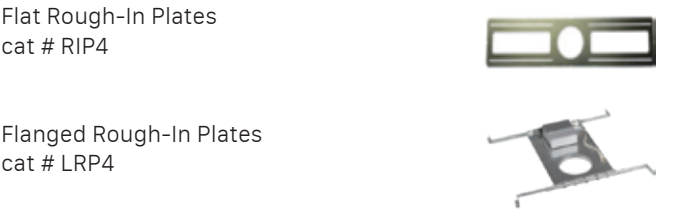
ORDERING GUIDE		
Example: LL4S-30K-WH		
Model:	Light Colour:	Trim Finish:
LL4S	27K: 2700K (LL4S only)	WH: White
LY4S	30K: 3000K	BK: Black
	40K: 4000K	BN: Brushed Nickel (LY4S only)

SPECIFICATIONS		
Models	LL4S	LY4S
Applications	Recessed Ceiling Mount	
Energy Used	13.5 W	11 W
Colour Temperature (K)	2700 / 3000 / 4000	3000 / 4000
Light Output (lm)	800 / 850 / 950	700 / 800
Halogen Equivalent	90 W	75 W
Beam Angle	100°	
CRI	> 80	
Driver Input	120V AC or 277V-347V AC 50/60 Hz	
Power Factor	0.98	
Dimming (120V only)	TRIAC Dimmers 5% - 100%	
Approved Location	Insulated Ceiling & Wet Locations	
Air Tight	Yes	
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)	
Projected Life	70% Light Output at 50,000 Hours	
Certification	cULus, Energy Star, T24	
Warranty	10 Year on Residential	
	5 Year on Commercial Applications	

120V Input Driver Included



ACCESSORIES



277 - 347V Optional Driver - not dimmable



Dimensions			
Model	ID	OD	Cut Out
LL4S	4 1/8"	4 3/4" square	4 1/8" to 4 1/4"
LY4S	4 1/8"	4 3/4" square	4 1/8" to 4 1/4"



6" Square Super Thin & Slim

LL6S Super Thin / LY6S Slim

Type IC, Wet Location & Air-Tight

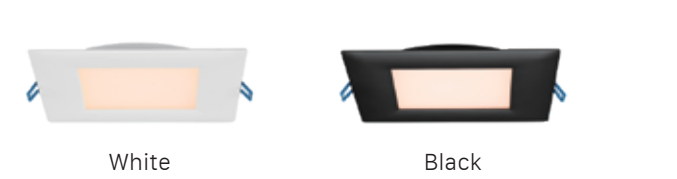


DESCRIPTION
6" Square Recessed LED With Integral Driver In Connection Box
Fits Where No Other Recessed Fixture Can

FEATURES & BENEFITS
LL6S: 1/2" Thick - Install Directly Under Joists, Maximum Layout Flexibility
LY6S: 1 1/2" Thick with heat sink for extended LED life
1 1/2" Above Ceiling Clearance Required When Driver Is Connected Directly To Fixture
Type IC Rated - No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LL6S



Available Trims LY6S



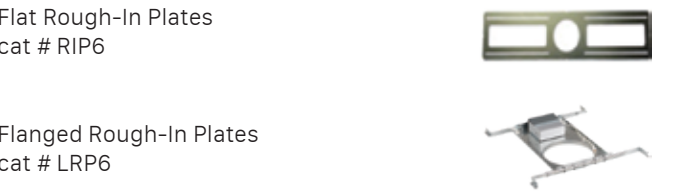
ORDERING GUIDE		
Example: LL6S-30K-WH		
Model:	Light Colour:	Trim Finish:
LL6S	27K: 2700K (LL6S only)	WH: White
LY6S	30K: 3000K	BK: Black
	40K: 4000K	

SPECIFICATIONS		
Models	LL6S	LY6S
Applications	Recessed Ceiling Mount	
Energy Used	17 W	14 W
Colour Temperature (K)	2700 / 3000 / 4000	3000 / 4000
Light Output (lm)	1000 / 1050 / 1100	900 / 950
Halogen Equivalent	100 W	90 W
Beam Angle	100°	
CRI	> 80	
Driver Input	120V AC or 277V-347V AC 50/60 Hz	
Power Factor	0.98	
Dimming (120V only)	TRIAC Dimmers 5% - 100%	
Approved Location	Insulated Ceiling & Wet Locations	
Air Tight	Yes	
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)	
Projected Life	70% Light Output at 50,000 Hours	
Certification	cULus, Energy Star, T24	
Warranty	10 Year on Residential	
	5 Year on Commercial Applications	

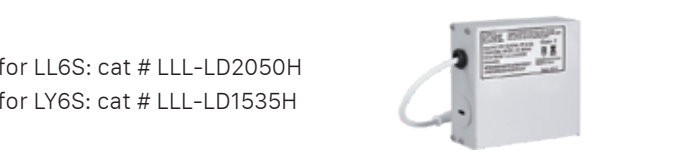
120V Input Driver Included



ACCESSORIES



277 - 347V Optional Driver - not dimmable



Dimensions			
Model	ID	OD	Cut Out
LL6S	6 1/8"	6 3/4" square	6 1/4" to 6 1/2"
LY6S	6 1/4"	6 3/4" square	6 1/4" to 6 1/2"





8" Round Residential

LB8R Economy / LY82RCD Slim

Type IC, Wet Location & Air-Tight



DESCRIPTION
8" Round Recessed LED With Integral Driver In Connection Box
Fits Where No Other Recessed Fixture Can

FEATURES & BENEFITS
LB8R: 1/2" Thick - Install Directly Under Joists, Maximum Layout Flexibility
LY82RCD: Brighter and 1 1/4" Thick with heat sink for extended LED life
1 3/4" Above Ceiling Clearance Required When Driver Is Connected Directly To Fixture
Type IC Rated - No Housing Required
Wet Location Approved
4th Gen Driver Inside Lotus Designed Connection Box - No Junction Box Needed
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips

Available Trims LB8R



Available Trims LY82RCD



ORDERING GUIDE Example: LB8R/30K/WH

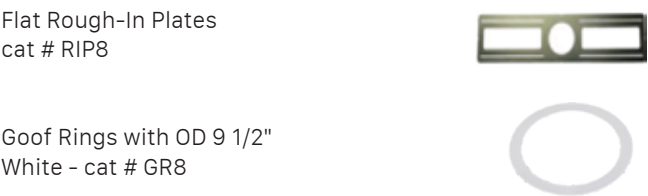
Model: LB8R LY82RCD	Light Colour: 30K: 3000K 41K: 4100K	Trim Finish: WH: White BK: Black
---------------------------	---	--

SPECIFICATIONS		
Models	LB8R	LY82RCD
Applications	Recessed Ceiling Mount	
Energy Used	18 W	33 W
Colour Temperature (K)	3000 / 4000	
Light Output (lm)	1200 / 1260	2200 / 2400
Halogen Equivalent	120 W	200 W
Beam Angle	100°	
CRI	> 80	
Driver Input	120V AC or 277V-347V AC 50/60 Hz	
Power Factor	0.98	
Dimming (120V only)	TRIAC Dimmers 5% - 100%	
Approved Location	Insulated Ceiling & Wet Locations	
Air Tight	Yes	
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)	
Projected Life	70% Light Output at 50,000 Hours	
Certification	cULus, Energy Star, T24	
Warranty	5 Year	10 Year Residential
		5 Year Commercial

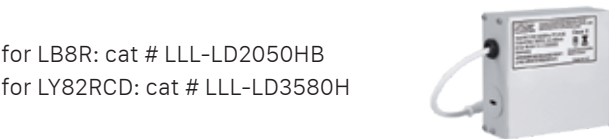
120V Input Driver Included



ACCESSORIES



277 - 347V Optional Driver - not dimmable



Dimensions

Model	ID	OD	Cut Out
LB8R	7 1/2"	9"	7 1/2" to 8"
LY82RCD	7 1/4"	9"	7 1/2" to 8"



8" & 10" Round Commercial

LL8R / LL10R

Type IC, Wet Location & Air-Tight



DESCRIPTION
8" & 10" Round Recessed LED With Integral Driver In Connection Box
Commercial Grade Quality Made To Last At Least 5 Years of Non-Stop Operation

FEATURES & BENEFITS
2 1/4" Thick - Fits in Tight Ceiling Spaces
Type IC Rated - No Housing Required
Wet Location Approved
Saves Time For Contractors and Solves Limited Space Constraints with Great Results

MOUNTING
Cut Hole In Ceiling
Connect Driver To Power and Plug Low Volatge Cable Into Fixture
Secure Fixture With the Included Metal Straps to Ceiling
Snap Fixture In Opening With Attached Spring Clips

Available Trims LL8R



Available Trims LL10R



ORDERING GUIDE Example: LL8R-30K-WH

Model: LL8R LL10R	Light Colour: 30K: 3000K 40K: 4000K	Trim Finish: WH: White BK: Black
-------------------------	---	--

SPECIFICATIONS		
Models	LL8R	L10R
Applications	Recessed Ceiling Mount	
Energy Used	40 W	50 W
Colour Temperature (K)	3000 / 4000	
Light Output (lm)	4500 / 4700	6300 / 6700
HPS / MH Equivalent	75 W	100 W
Beam Angle	45°	60°
CRI	> 80	
Driver Input	120-277 V AC or 347V AC 50/60 Hz	
Power Factor	0.98	
Dimming	0-10V	
Approved Location	Insulated Ceiling & Wet Locations	
Air Tight	Yes	
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)	
Projected Life	70% Light Output at 50,000 Hours	
Certification	cULus, Energy Star, T24	
Warranty	5 Year	

120-277 V Input Driver Included, Dimmable 0-10V



347V Optional Driver Dimmable 0-10V



Available Trims LL10R



Dimensions

Model	ID	OD	Cut Out
LL8R	7 3/4"	9 1/2"	8" to 8 1/2"
LL10R	10"	12"	10" to 11"



4" J-Box Mount

LL4RBX

Air-Tight & Wet Location



DESCRIPTION

J-Box Mount LED fixtures with integral LEDs and built-in driver. Twist & Lock Cover.

FEATURES & BENEFITS

1" Thin - Fits In 1 1/2" Deep J-Box
CRI 90 - True Colour Rendering
IP54 Wet Location Rated - Suitable For Showers & Soffits

MOUNTING

Connect The Wires In The Previously Installed Junction Box.
Quick Connectors Included.
Screw The Fixture Into The J-Box.
Push The Face Plate Against The Fixture By Placing The Hooks Into The Four Openings, Then Turn Clockwise To Tighten And Lock In Place.

SPECIFICATIONS	
Applications	J-Box Ceiling Mount
Energy Used	11 W
Colour Temperature (K)	2700 3000 /4100
Light Output (lm)	620 / 630 / 650
Halogen Equivalent	60 W
Available Trims	White, Black & Brushed Nickel
Beam Angle	110°
CRI	> 90
Input Voltage	120V AC 50/60 Hz
Power Factor	0.98
Dimming	TRIAC Dimmers 5% - 100%
Approved Location	Wet Locations – IP54
Air Tight	Yes
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)
Projected Life	70% Light Output at 50,000 Hours
Certification	cULus, Energy Star, T24
Warranty	10 Year on Residential
	5 Year on Commercial Applications

Available Trims





ORDERING GUIDE


Example: LL4RBX - 27K - WH



Models LL4RBX	Light Color	Trim Finish
	27K: 2700K	WH: White
	30K: 3000K	BK: Black
	41K: 4100K	BN: Brushed Nickel





	Flat Metal 26" Rough-In Plates for New Construction	
	RIP2	Rough-in Plate for model LL2G
	RIP212	Rough-in Plate for model LRG2 & LSG2
	RIP3	Rough-in Plate for model LL3G
	RIP4	Rough-in Plate for LY4RCS, LY41RCD, LB4R, LL4G, LY4S, LL4RR, LL4SR &, LL4S
	RIP412	Rough-in Plate for LL4R
	RIP6	Rough-in Plate for LY6RCS, LY61RCD, LB6R, LRG6, LY6S, LL6RR, LL6SR & LL6S
	RIP612	Rough-in Plate for LL6R
	RIP8	Rough-in Plate for models LB8R and LY82RCD



	Flanged Rough-In Plates with Expandable Bars for New Construction	
	LRP3	Flanged Rough-in Plate for model LL3G
	LRP312	Flanged Rough-in Plate for model LRG3 & LSG3
	LRP4	Flanged Rough-in Plate for LY4RCS, LY41RCD, LB4R, LL4G, LY4S, LL4S, LL4RR & LL4SR
	LRP412	Flanged Rough-in Plate for model LL4R
	LRP5	Flanged Rough-in Plate for model LRG4
	LRP6	Flanged Rough-in Plate for all 6" Models

	Air-Tight Double Adhesive Foam Rings	
	ATR3	Air-Tight Double Adhesive Foam Ring for RIP3 and LRP3
	ATR312	Air-Tight Double Adhesive Foam Ring for LRP312
	ATR4	Air-Tight Double Adhesive Foam Ring for RIP4 and LRP4
	ATR412	Air-Tight Double Adhesive Foam Ring for LRP412
	ATR5	Air-Tight Double Adhesive Foam Ring for LRP5
	ATR6	Air-Tight Double Adhesive Foam Ring for RIP6 and LRP6

	Extension Cables Between the Drivers and the Fixtures - Interconnectable - Max Run 40 ft	
	EXC6	6 Feet Extension - For All Models Except Builder Grade, Open Plenum & LL8R / LL10R
	EXC20	20 Feet Extension - For All Models Except Builder Grade, Open Plenum & LL8R / LL10R
	EXC10	10 Feet Extension - For Builder Grade Models Only

	Goof Rings for Covering Wider Holes	
	GR3	Goof Ring White for 3" Models OD 4½"
	GR4	Goof Ring White for 4" Models OD 5¾"
	GR3-BK	Goof Ring Black for 3" Models OD 4½"
	GR4-BK	Goof Ring Black for 4" Models OD 5¾"
	GR6	Goof Ring White for 6" Models OD 7⅝"
	GR8	Goof Ring White for 8" Models OD 9½"

	277-347V Input Driver Option. Not Sold Separately - Only Instead Of 120V Drivers	
	LLL-LD0716H	Adder for 277-347V Not Dim Driver for models LL3G, LRG3 and LSG3
	LLL-LD1025H	Adder for 277-347V Not Dim Driver for model LL4G and LRG4
	LLL-LD1535H	Adder for 277-347V Not Dim Driver for 4" & 6" RCS & RCD and LY4S, LY6S, LL4R, LL4S & LRG6
	LLL-LD1535HB	Adder for 277-347V Not Dim Driver for models LB4R and LB6R
	LLL-LD1535HR	Adder for 277-347V Not Dim Driver for models LL4RR and LL4SR with armored cables
	LLL-LD2050H	Adder for 277-347V Not Dim Driver for Model LL6R & LL6S
	LLL-LD2050HB	Adder for 277-347V Not Dim Driver for Model LB8R
	LLL-LD2050HR	Adder for 277-347V Not Dim Driver for models LL6RR and LL6SR with armored cables
	LLL-LD3580H	Adder for 277-347V Not Dim Driver for Model LY82RCD
	LLL-LD40WH	Adder for 347V Dimmable Driver for Model LL8R
	LLL-LD50WH	Adder for 347V Dimmable Driver for Model LL10R

















 Lotus LED Lights		Lotus LED Lights™													
		Gimbal Models - Eyeball & Regressed										Round Recessed 1/2" Thin			
	2" Round		2" Square	3" Round		3" Square	3" Round	3" Square	4" Round		5"-6"Round	4" Round			
Cat #	LL2G	LRG2	LSG2	LL3G	LRG3	LSG3	LRG3-15D	LSG3-15D	LL4G	LRG4	LRG6	LL4R	LY4RCS	LB4R	
															
Default Driver 120V Input Cat #	LD0650S			LD0716S					LD1025L		LD1535L			LD1535SB	
Optional Input (V)	24V DC *	N/A		277 - 347V AC								24V DC*&	277 - 347V AC		
Dimmability	Triac 5% - 100%, 120V input driver only														
277V-347V Driver Model Cat #	N/A			LD0716H					LD1025H		LD1535H			LD1535HB	
Driver Type. Power factor >0.96	External Class 2, Inside Connection Box. One driver per fixture required and included. Do not use any other drivers or connect multiple fixtures to one driver (except for the 24V Input Option of LL2G24V & LL4R24V)														
Energy Used (W)	5			7.5					11.4		15	13.5	9	11	
Light Color Quality CRI	> 90												80		
Beam Angle	24°			38°			15°		38°			110°			
Light Output (Lumens)	Warm 2700K	380			580					960		1200	750	N/A	
	Soft 3000K	400			600					1000		1250	760	550	700
	Neutral 4000K	430			630					1050		1300	800	600	730
	Daylight 5000K	N/A										850		N/A	
Dim to Warm Option from-to K	N/A										28-20, 35-20		N/A		
Halogen Equivalent (W)	35			60					100		120	75	50	70	
Available trims **	WH, BK, BN	WH, BK		WH, BK, BN	WH, BK				WH, BK, BN	WH, BK		WH, BK, BN, BC	WH, BK, BN	WH, BK	
Rated Life (LM70 Hours)	50000													36000	
Warranty (Years)	10 Year Residential, 5 Year Commercial													5 Year	
Certifications	cULus, Energy Star, T24													cULus, ES	
Type IC Rated	YES														
Cable fire rating CAN / USA	FT4 / CM														
Fixture IP grade	Wet Location IP54														
Ambient Temperature °F	-40°F to +104°F														
Dimensions	ID	2"	2 1/2"			3 1/4"				4"	4 3/4"	5 1/4"	4 1/8"		4"
	OD	2 1/2"	3"	3" square	3 1/4"	4 1/4"	4 1/4" sq.	4 1/4"	4 1/4" sq.	5"	5 3/4"	7 1/2"	5 1/4"	4 3/4"	4 7/8"
Cut out	min	2"	2 1/2"		2 3/4"	3 1/4"				4"	4 3/4"	5 1/4"	4 1/4"	4 1/8"	4"
	max	2 1/8"	2 3/4"		3"	3 1/2"				4 1/4"	5"	6"	4 1/2"	4 1/4"	4 1/4"
Rough-in plate model	RIP2	RIP212		RIP3, LRP3		LRP312			RIP4, LRP4		FRP5	RIP6, LRP6	LRP412 RIP412	RIP4, LRP4	
Air-Tight Ring for Vapour Barrier	N/A			ATR3		ATR312			ATR4		ATR5	ATR6	ATR412	ATR4	
Goof Ring *** cat#: OD	N/A			GR3: 4 1/2"		N/A			GR4: 5 3/4"		N/A			GR4: 5 3/4"	
Fixture Thickness	1 1/2"	1 3/4"			2 1/2"				2 1/4"		3"	3 1/2"	1/2"		
Ceiling space for Fixture ****	1"	1 1/4"			1 1/2"		3 3/4"			1 3/4"		2 1/2"	3"	NONE *****	
Ceiling space for Driver	5"			3 1/2"					2 1/2"		3"	1 1/2"			
Jumper Cables	EXC6 & EXC20													EXC10	

* 24V input option - White trim only

** WH - White; BK- Black; BN - Brushed Nickel; BC - Brushed Copper

*** Goof Rings Round - available in White and Black Only

***** Could be installed directly under joists

Condensed Specification Sheet - All Models															
Round Recessed 1/2" Thin			Square				Open Plenum Rated Regressed				J-BoxMount	Residential 8"		Commercial Grade	
6" Round			4" Square		6" Square		4" Round	4" Square	6" Round	6" Square	4" Round	8" Round			10" Round
LL6R	LY6RCS	LB6R	LL4S	LY4S	LL6S	LY6S	LL4RR	LL4SR	LL6RR	LL6SR	LL4RBX	LB8R	LY82RCD	LL8R	LL10R
															
LD2050S	LD1535L	LD1535SB	LD1535L		LD2050S	LD1535L	LD1535LR		LD2050SR		LD1535B	LD2050SB	LD3580S	LD40WT	LD50WT
277 - 347V AC											N/A	277 - 347V AC			
Triac 5% - 100%, 120V input driver only														0-10V, 120-347V	
LD2050H	LD1535H	LD1535HB	LD1535H		LD2050H	LD1535H	LD1535HR		LD2050HR		N/A	LD2050HB	LD3580H	LD40WH	LD50WH
External Class 2, Inside Connection Box. One driver per fixture required and included. Do not use any other drivers or connect multiple fixtures to one driver (except for the 24V Input Option of LL2G24V & LL4R24V)											Built-In	External Class 2, Inside Connection Box			
17	12	14	13.5	11	17	14	14.5		17	18	11	18	33	40	50
> 90	80						> 90					80			
110°							100°				110°	110°		45°	60°
950	N/A		800	N/A	1000	N/A	950	850	1150	1100	620	N/A			
980	700	900	850	700	1050	900	1000	900	1200	1200	630	1200	2200	4500	6300
1000	800	930	950	800	1100	950	1020	950	1300	1250	650	1260	2400	4700	6700
1050	N/A											N/A			
28-20, 35-20	N/A														
100	75	90	90	75	100	90	90		100		60	120	200	75W MH	100W MH
WH, BK, BN, BC	WH, BK, BN	WH	WH, BK	WH, BK, BN	WH, BK						WH, BK, BN	WH, BK			
50000		36000	50000									36000	50000		
10 Residential, 5 Com		5 Year	10 Year Residential, 5 Year Commercial									5 Year			
cULus, Energy Star, T24		cULus, Energy Star		UL, ES, T24	cULus, ES	UL, ES, T24	cULus, Energy Star, T24					cULus, Energy Star			
YES											N/A	YES			
FT4 / CM							FT6 / CM				N/A	FT4 / CM			
Wet Location IP54														Wet Location IP65	
-40°F to +104°F															
6 1/8"	6 1/4"	6 1/8"	4 1/8"		6 1/8"	6 1/4"	4"		6"		4 1/4"	7 1/2"	7 1/4"	7 3/4"	10"
7 1/2"	6 3/4"	6 3/4"	4 3/4" square		7 1/2"	6 3/4" sq	5"	5" square	7"	7" square	5 1/2"	9"		9 1/2"	12"
6 1/4"			4 1/8"		6 1/4"		4"		6"		4"	7 1/2"		8"	10"
6 1/2"			4 1/4"		6 1/2"		4 1/4"		6 1/4"		4 1/2"	8"		8 1/2"	11"
RIP6, LRP6			RIP4, LRP4		RIP6, LRP6		RIP4, LRP4		RIP6, LRP6		N/A	RIP8		N/A	
ATR6			ATR412	ATR4	ATR6		ATR4		ATR6		N/A				
N/A	GR6: 7 5/8"		N/A				GR4: 5 3/4"	N/A	GR6: 7 5/8"	N/A		GR8: 9 1/2"		N/A	
1/2"				1 3/8"	1/2"	1 1/2"	2"		2 1/4"		1"	1/2"	1 3/4"	2 1/4"	
NONE *****				7/8"	NONE*****	1"	1 1/2"		1 3/4"		1 1/2" J-box	NONE*****	1 1/4"	1 3/4"	
1 1/2"											N/A	1 1/2"	1 3/4"		
EXC6 & EXC20		EXC10	EXC6 & EXC20				N/A				N/A	EXC10	EXC6 & EXC20	N/A	