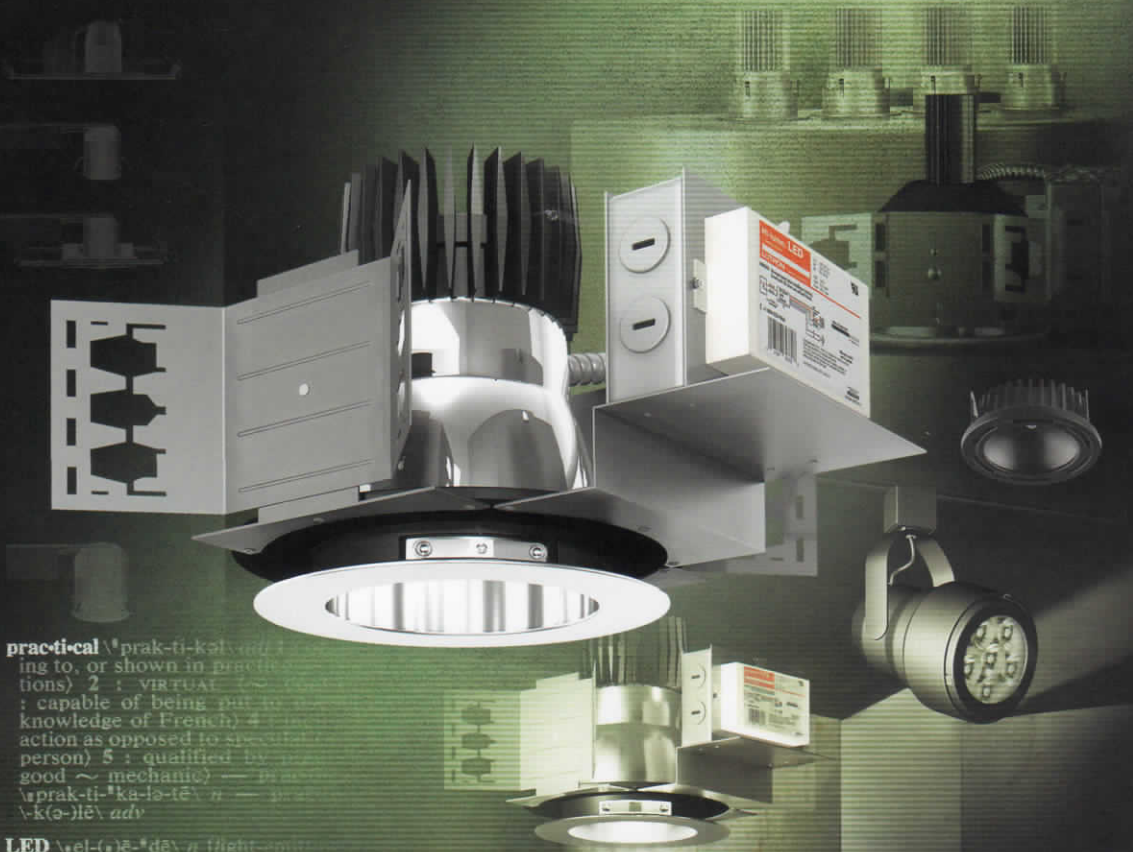


THE COMPLETE LIGHTING SOLUTION | AN EEMA LIGHTING GROUP COMPANY

LITON®

L I G H T I N G

WWW.PRACTICALED.COM



practical \ˈpræk-tɪ-kəl/ *adj.* 1 : relating to, or shown in practice (as in solutions) 2 : VIRTUAL 3 : capable of being put to use (as in knowledge of French) 4 : practical action as opposed to speculation (as in person) 5 : qualified by (as in good ~ mechanic) — *Practical* \ˈpræk-ti-ˈkəl-ə-tē/ *n.* — *practically* \-k(ə-)lē/ *adv.*

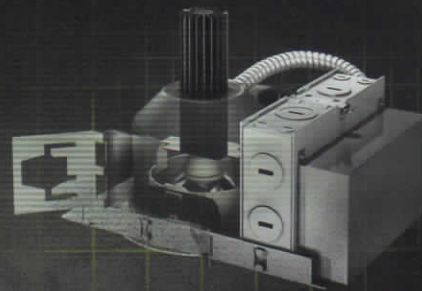
LED \el-(ə)-ˈdē/ *n.* light-emitting diode 1 : a semiconductor diode that emits light when a voltage is applied to it and is used esp. for electronic displays

so-lu-tion \sə-ˈlū-ʃən/ *n.* 1 : a way or process of solving a problem 2 : an answer to a problem 3 : the process by which one substance is homogeneously mixed with another usu. liquid substance; also the mixture thus formed

AWARD-WINNING

Practical LED Solutions

FOURTH EDITION



RECESSED LED

TRACK LED

UNDER CABINET LED

LED EXIT SIGNS



LED

The Sustainable Choice

practical led solutions
practical led solutions
practical led solutions

LITON



Award Winner 2010



Best Interior Product 2010

NGL2010's Innovative Feature(s) Award

LED Recessed Lighting

▶ Liton Lighting's innovative LED technology

delivers **environmentally friendly** and sustainable solutions for energy conservation while maintaining the versatility of traditional lighting sources.

▶ Liton Lighting's LED product line reduces overall cost of ownership:

- Up to 27% energy savings over comparable CFL lighting
- Up to 50% energy savings over comparable halogen lighting
- Up to 70% energy savings over comparable incandescent lighting
- Up to 50,000 hour lamp life means YEARS of zero lamp replacement costs
- Fewer maintenance cycles reduce potential labor costs and liability
- LED technology uses no mercury reducing potential pollution
- No special knowledge required to install



LUTRON CREE

CRESTRON

practical led solutions



retail lighting
LITON



light commercial lighting

residential lighting

Best Interior Product Award!

2010 The LED Show, Las Vegas, NV



On August 27, 2010, LITON Lighting received the "Best Interior Product Award" at The L.E.D. Show.

More than 1100 attendees gathered at the event in Las Vegas to see the latest developments in L.E.D. technology.

The L.E.D. Awards, also held at the show, awarded the year's best designed and most innovative products. Submissions were thoroughly judged on form factor, lumen output, functionality and price point.

With more than a dozen entrants considered, LITON was given the award for their LRLD6 Adjustable L.E.D. Gimbal. Judges attributed its great value and exceptional color as the fixture's winning factors.

The downlight demonstrated its versatility for applications with options in new construction and retrofit as well as various finishes and beam spreads.

► See Page 17-20 for LRLD6 Series.

Liton LED Track Lighting is perfect for retail stores where the necessary convenience of

... redirecting light output in ever-changing environments ...

... is coupled with the need to improve energy efficiency.



LED TRACK LIGHTING

Liton Lighting offers 3 stylish LED track head designs for both Commercial and Residential applications, all with many useful options not found elsewhere in the industry.

► See Page 38 for details.

TWO-INCH GENERAL PURPOSE



HOUSINGS
LHLD2
LHLD2R

TRIMS
LRLD221
LRLD222
LRLD293



& MORE

NEW CONSTRUCTION · REMODEL

REFLECTOR · BAFFLE
WET LOCATION REFLECTOR

PAGE
6

THREE-INCH GENERAL PURPOSE



HOUSINGS
LHLD3
LHLD3R

TRIMS
LRLD321
LRLD393
LRLD319
LRLD319SQ



& MORE

NEW CONSTRUCTION · REMODEL

REFLECTOR · BAFFLE · PINHOLE
SQUARE PINHOLE

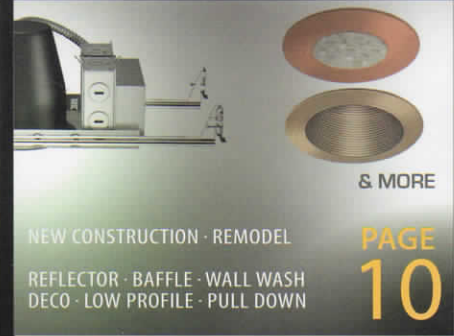
PAGE
8

FOUR-INCH GENERAL PURPOSE



HOUSINGS
LHLD4
LHLD4R
LSHLD4

TRIMS
LRLD442 LRLD493
LRLD421 LRLD400
LRLD401
LRLD402 LRLD468
LRLD471 LRLD488



& MORE

NEW CONSTRUCTION · REMODEL

REFLECTOR · BAFFLE · WALL WASH
DECO · LOW PROFILE · PULL DOWN

PAGE
10

FIVE-INCH GENERAL PURPOSE



HOUSINGS
LHLD5
LHLD5R

TRIMS
LRLD521 LRLD578
LRLD593 LRLD588
LRLD542
LRLD501



& MORE

NEW CONSTRUCTION · REMODEL

REFLECTOR · BAFFLE · REGRESSED
LENSED · ADJUSTABLE GIMBAL

PAGE
14

SIX-INCH GENERAL PURPOSE



HOUSINGS
LHLD6
LHLD6R
LSHLD6

TRIMS
LRLD621 LRLD677
LRLD642 LRLD678
LRLD693
LRLD649

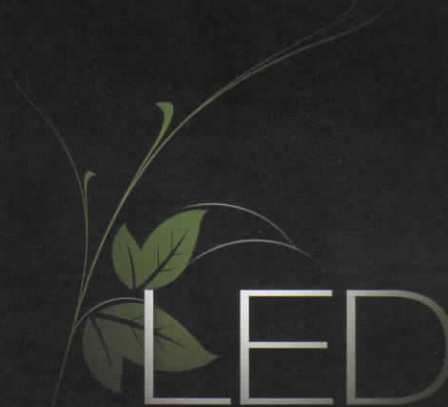


& MORE

NEW CONSTRUCTION · REMODEL

REFLECTOR · BAFFLE · OPEN DOME
DECOFROST DOME · ADJUSTABLE

PAGE
18



FOUR-INCH RETROFIT 12V · 120V



TRIMS 12V TRIMS 120V
LRLD442 LRLD400
LRLD468 LRLD402
LRLD400 LRLD442
LRLD421
LRLD493



& MORE

REFLECTOR · BAFFLE · LOW PROFILE
DECO GLASS DOME

PAGE
21

FIVE-INCH RETROFIT 120V



TRIMS 120V
LRLD578
LRLD588



ADJUSTABLE GIMBAL
REGRESSED ADJUSTABLE GIMBAL

PAGE
23

SIX-INCH RETROFIT 120V



TRIMS 120V
LRLD642
LRLD677
LRLD678



OPEN HEAT SINK · GLASS DOME
CONCEALED HEAT SINK

PAGE
23

practical led solutions
practical led solutions
practical led solutions practical led solutions

TWO-INCH MINI-ARC



HOUSINGS TRIMS
LHBLD2 LR2L21
LHBLD2R LR2L93



ARCHITECTURAL



NEW CONSTRUCTION - REMODEL
REFLECTOR - BAFFLE

PAGE
25

THREE-INCH MINI-ARC



HOUSINGS TRIMS
LHBLD3 LR3L17
LHBLD3R LR3L71
LR3L88
LR3L00



ARCHITECTURAL



NEW CONSTRUCTION - REMODEL
REFLECTOR - REFLECTOR WITH LENS
WALL WASH - ADJUSTABLE ACCENT

PAGE
26

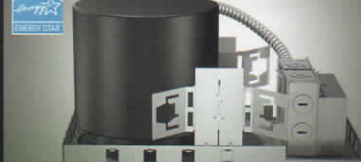
FOUR-INCH ADJUSTABLE



HOUSINGS TRIMS
LHJLD4 LR4L17
LR4L71



ARCHITECTURAL



NEW CONSTRUCTION
REFLECTOR - ADJUSTABLE ACCENT

PAGE
28

FOUR-INCH ARCHITECTURAL



HOUSINGS TRIMS
LHALD4 LRALD4



ARCHITECTURAL



NEW CONSTRUCTION
REFLECTOR

PAGE
30

CABINET & DISPLAY LIGHTING



ITEMS
LULED8 LK126LED LRLD221
LULED16 LK326LED LRLD222
LULED32 LUTKLED LRLD293
LKULED8 LHLD204 LRLD219
LKULED16 LHLDR204



STRIP LIGHTS

PUCK LIGHTS
RECESSED AND SURFACE

PAGE
32

EXIT LIGHTING



ITEMS
LX800 LX100
LX900 LX100R



EDGE LIT - DIE-CAST - COMBO

PAGE
36

SELF ILLUMINATING EXIT



ITEMS
LXS60 SERIES



SELF ILLUMINATING EXIT SIGNAGE

PAGE
37

TRACK LIGHTING

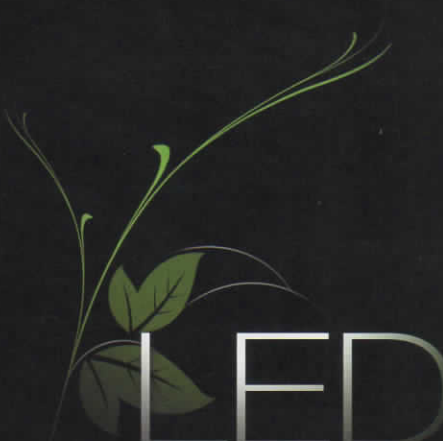


ITEMS
LTD50
LTD70
LTD8010



AZTEC - CONCEALED - ECOTRACK

PAGE
38



GENERAL PURPOSE RECESSED



Lamp "Straight-Up" view
B15 | B25 | B45 | B60



Wattage	6W	
Beamspread	45°	
Color Temp.	3,000K	
Height (Ft.)	Beam Diameter	Footcandle
4.0'	2.33'	50.0 Fc.
6.0'	3.00'	32.0 Fc.
8.5'	3.92'	10.0 Fc.

Consult factory for LM79 IES photometric files.

LITON[®]
L I G H T I N G

two-inch recessed LED 4W | 6W

practical led solutions
practical led solutions
practical led solutions practical led solutions

LED LIGHTING DETAILS

Cat# / Watt.	LRLD221 / 6W
Lumen	270+
CRI	80
Color Temp.	3,000K +/- 100K
Est. Life (L70)	35,000 Hrs.

Consult factory for IES photometric files.

LED Heat Sink

properly vents every Liton LED lighting fixture to ensure its maximum LED lamp life

Recessed Housing

Pre-wired housing adjusts to multiple ceiling thickness
Integral thermal protector insures safe installation and operation
Available in New Construction and Remodel mountings

LED Driver

Electronic Direct Current LED driver integrally mounted away from light source for cooler operation and user friendly modularity

Lamp Module
is replaceable via on-board quick-disconnect terminal
No tools required

Up to (4) beamspreads available - Specify
Meets Title 24 & other standards restricting use of bi-pin and medium base sockets

Hanger Bars
Heavy-duty adjustable
24" hanger bars

Trim Styles

Three (3) trim-styles to choose from, in standard and designer finishes

3-YEAR FACTORY WARRANTY
3-Year Factory Warranty

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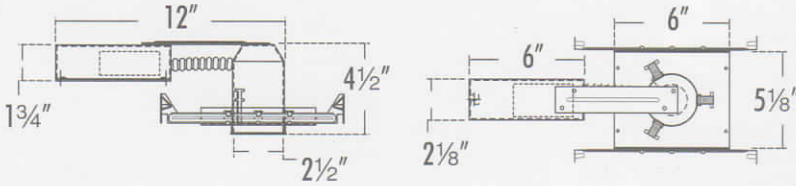
ASSEMBLED IN THE USA
Assembled in the USA

LED 2" New Construction/Remodel | 2^{13/16"} CUT-OUT | 4W | 6W



CATALOG NUMBER

LHLD204C35	4W	(120V)
LHLD206C50	6W	(120V)



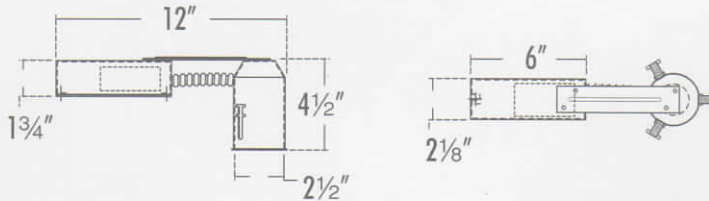
LED New Construction Housing • 24" Adjustable Hanger Bars • Integral thermal protector insures safe installation and operation
 Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.

LED 2" Remodel Housing | 2^{5/8"} CUT-OUT | 4W | 6W



CATALOG NUMBER

LHLD2R04C35	4W	(120V)
LHLD2R06C50	6W	(120V)




LED Remodel Housing • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.


▶ 2" LED | MICRO-CAST REFLECTOR | 4W/6W

CATALOG NUMBER	FINISH	BEAMSPREAD
	W ALL WHITE	-B15 SPOT
	B BLACK REFL./WHITE RING	-B25 NARROW FL
	C CLEAR REFL./WHITE RING	-B45 FLOOD
	N ALL NATURAL	-B60 WIDE FLOOD
	CO ALL COPPER	
	MO ALL MOCHA	
	SN SATIN REFL./NATURAL RING	

▶ 2" LED | WET LOCATION REFLECTOR | 4W/6W

CATALOG NUMBER	FINISH
 WET LOCATION	W ALL WHITE
	B BLACK REFLECTOR / WHITE RING
	C CLEAR REFLECTOR / WHITE RING
	CN CLEAR REFLECTOR / NATURAL RING
	CO ALL COPPER
	MO ALL MOCHA
	SN SATIN REFLECTOR / NATURAL RING

▶ 2" LED | MICRO-CAST BAFFLE TRIM | 4W/6W

CATALOG NUMBER	FINISH	BEAMSPREAD
	W ALL WHITE	-B15 SPOT
	B BLACK BAFFLE/ WHITE RING	-B25 NARROW FL
	N ALL NATURAL	-B45 FLOOD
	CO ALL COPPER	-B60 WIDE FLOOD
	MO ALL MOCHA	

GENERAL PURPOSE RECESSED



Lamp "Straight-Up" view
B15 | B25 | B45 | B60



Wattage	6W	
Beamspread	45°	
Color Temp.	3,000K	
Height (Ft.)	Beam Diameter	Footcandle
4.0'	2.33'	50.0 Fc.
6.0'	3.00'	32.0 Fc.
8.5'	3.92'	10.0 Fc.

Consult factory for LM79 IES photometric files.



three-inch recessed LED 4W|6W|8W

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practical led solutions
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LED LIGHTING DETAILS

Cat# / Watt.	LRLD321 / 6W
Lumen	270+
CRI	80
Color Temp.	3,000K +/- 100K
Est. Life (L70)	35,000 Hrs.

Consult factory for IES photometric files.

LED Heat Sink

properly vents every Liton LED lighting fixture to ensure its maximum LED lamp life

Recessed Housing

Pre-wired air-tight housing adjusts to multiple ceiling thickness
Integral thermal protector insures safe installation and operation
Available in New Construction, Insulation Contact and Remodel mountings

LED Driver

Electronic Direct Current LED driver integrally mounted away from light source for cooler operation and user friendly modularity



Lamp Module
is replaceable via on-board quick-disconnect terminal
No tools required

Up to (4) beamspreads available - Specify
Meets Title 24 & other standards restricting use of bi-pin and medium base sockets

Trim Styles

Four (4) trim-styles to choose from, in standard and designer finishes

Hanger Bars

Heavy-duty adjustable 24" hanger bars

3-YEAR FACTORY WARRANTY

3-Year Factory Warranty



Liton Air-Tight LED housing

ASSEMBLED IN THE USA

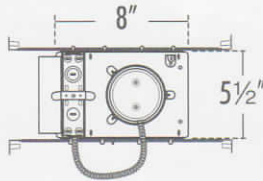
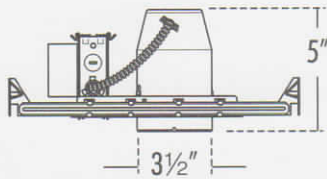
Assembled in the USA

LED 3" New Construction | 3 5/8" CUT-OUT | 4W | 6W | 8W

CATALOG NUMBER

LHLD304C35	4W
LHLD306C50	6W
LHLD308C70	8W

GENERAL PURPOSE



AIRTIGHT IC

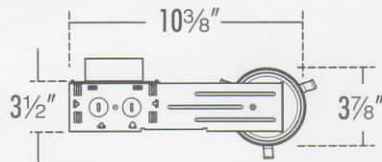
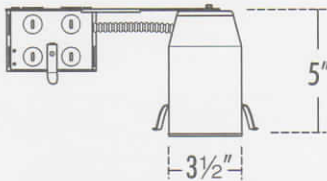
LED New Construction Housing • 24" Adjustable Hanger Bars • Airtight • IC rated • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.

LED 3" Remodel Housing | 3 5/8" CUT-OUT | 4W | 6W | 8W

CATALOG NUMBER

LHLD3R04C35	4W
LHLD3R06C50	6W
LHLD3R08C70	8W

GENERAL PURPOSE



AIRTIGHT IC

LED Remodel Housing • Airtight • IC rated • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.

▶ 3" LED | MICRO-CAST REFLECTOR | 4W/6W/8W

CATALOG NUMBER	FINISH	BEAMSPREAD		
LRLD321 	W	ALL WHITE	-B15	SPOT
	B	BLACK REFL./WHITE RING	-B25	NARROW FL
	C	CLEAR REFL./WHITE RING	-B45	FLOOD
	N	ALL NATURAL	-B60	WIDE FLOOD
	CO	ALL COPPER		
	MO	ALL MOCHA		
	SN	SATIN REFL./NATURAL RING		

▶ 3" LED | MICRO-CAST BAFFLE | 4W/6W/8W

CATALOG NUMBER	FINISH	BEAMSPREAD		
LRLD393 	W	ALL WHITE	-B15	SPOT
	B	BLACK BAFFLE/WHITE RING	-B25	NARROW FL
	N	ALL NATURAL	-B45	FLOOD
	CO	ALL COPPER	-B60	WIDE FLOOD
	MO	ALL MOCHA		

▶ 3" LED | MICRO-CAST PINHOLE | 4W/6W/8W

CATALOG NUMBER	FINISH	BEAMSPREAD		
LRLD319 	BW	WHITE	-B15	SPOT
	BB	BLACK	-B25	NARROW FL
	BN	NATURAL		
	BCO	COPPER		
	BMO	MOCHA		

▶ 3" LED | SQUARE PINHOLE BAFFLE | 4W/6W/8W

CATALOG NUMBER	BAFFLE FINISH	BEAMSPREAD		
LRLD319SQ 	W	WHITE	-B12	SPOT
	B	BLACK	-B25	NARROW FL

GENERAL PURPOSE RECESSED



Lamp "Straight-Up" view
(For more ambient light applications)
B60 | B80 | B120



Lamp "Straight-Up" view
(For accent lighting and a defined beamspread)
B25 | B45 | B61



Wattage	10W (6 LEDs)	
Beamspread	25°	
Color Temp.	3,000K	
Height (Ft.)	Beam Diameter	Footcandle
3.0'	1.3'	305.9 Fc.
6.0'	2.7'	76.3 Fc.
9.0'	4.0'	34.3 Fc.
12.0'	5.3'	18.9 Fc.

Consult factory for LM79 IES photometric files.

LITON®

L I G H T I N G

four-inch recessed LED

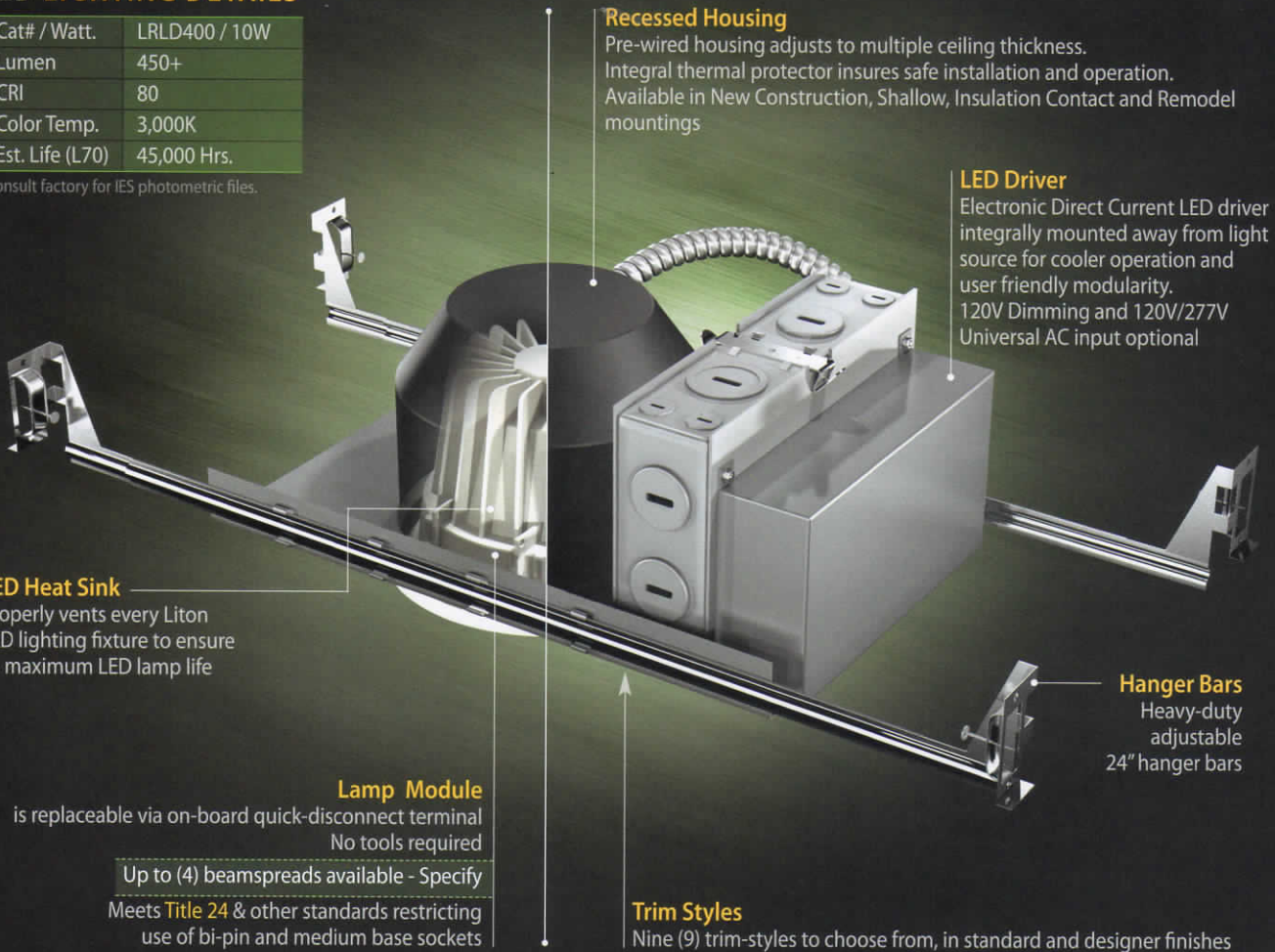
4W | 6W | 8W and 10W | 15W

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LED LIGHTING DETAILS

Cat# / Watt.	LRLD400 / 10W
Lumen	450+
CRI	80
Color Temp.	3,000K
Est. Life (L70)	45,000 Hrs.

Consult factory for IES photometric files.



Recessed Housing

Pre-wired housing adjusts to multiple ceiling thickness. Integral thermal protector insures safe installation and operation. Available in New Construction, Shallow, Insulation Contact and Remodel mountings

LED Driver

Electronic Direct Current LED driver integrally mounted away from light source for cooler operation and user friendly modularity. 120V Dimming and 120V/277V Universal AC input optional

LED Heat Sink

properly vents every Liton LED lighting fixture to ensure its maximum LED lamp life

Lamp Module

is replaceable via on-board quick-disconnect terminal
No tools required

Up to (4) beamspreads available - Specify

Meets Title 24 & other standards restricting use of bi-pin and medium base sockets

Hanger Bars

Heavy-duty adjustable 24" hanger bars

Trim Styles

Nine (9) trim-styles to choose from, in standard and designer finishes

3-YEAR FACTORY WARRANTY

3-Year Factory Warranty



*Except Shallow



*Except Shallow

ASSEMBLED IN THE USA

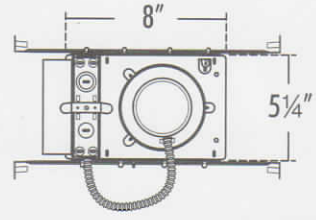
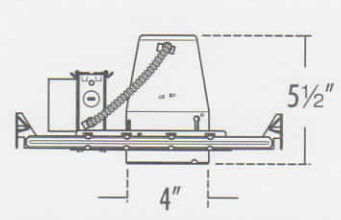
Assembled in the USA



GENERAL PURPOSE

LED 4" New Construction | 4½" CUT-OUT | 10W | 15W

CATALOG NUMBER	VOLTAGE	OPTION
LHLD410C50	10W	Blank
LHLD415C70	15W	-EM
	Blank UE -DLV -DIN	NONE EMERGENCY BACK-UP
	120V 120V/277V 120V LOW VOLTAGE DIMMING INCANDESCENT DIMMING [15W ONLY]	



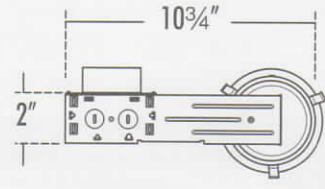
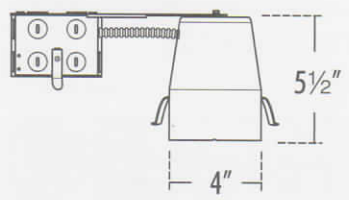
AIRTIGHT IC

LED New Construction Housing • 24" Adjustable Hanger Bars • Airtight • IC rated • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.

LED 4" Remodel Housing | 4¼" CUT-OUT | 10W | 15W

GENERAL PURPOSE

CATALOG NUMBER	VOLTAGE	OPTION
LHLD4R10C50	10W	Blank
LHLD4R15C70	15W	-EM
	Blank UE -DLV -DIN	NONE EMERGENCY BACK-UP
	120V 120V/277V 120V LOW VOLTAGE DIMMING INCANDESCENT DIMMING [15W ONLY]	



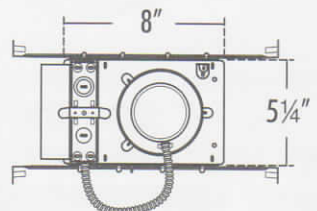
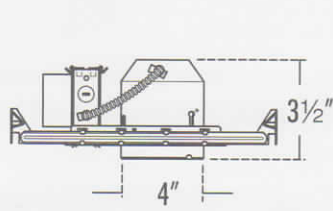
AIRTIGHT IC

LED Remodel Housing • Airtight • IC rated • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.

LED 4" Shallow Housing | 4½" CUT-OUT | 10W

GENERAL PURPOSE

CATALOG NUMBER	VOLTAGE	OPTION
LSHLD410C50	10W	Blank
	Blank UE -DLV	NONE EMERGENCY BACK-UP
	120V 120V/277V 120V LOW VOLTAGE DIMMING	



LED New Construction Shallow Housing • 24" Adjustable Hanger Bars • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location
For use with LRLD400, LRLD402, and LRLD471 trims.



▶ LED 4" Recessed | GENERAL PURPOSE TRIMS | 10W | 15W

GENERAL PURPOSE

For damp or wet locations, or when a light source needs to be enclosed, our Deco Glass Dome LRLD442 is an ideal choice. Consult factory for custom design.



The contemporary look of this trim-style suggests a subtle, yet defined design statement.

Applications:

- Residential
- Light Commercial
- New Construction
- Remodel
- Retrofit
- Shallow Plenums
- Sloped Ceilings

Features:

- Small Aperture
- Adjustable Trims
- Wet Location
- Designer Colors
- Wall Wash
- Beamspread choice
- Multiple Dimming options

▶ 4" LED | DECO GLASS DOME | 10W

CATALOG NUMBER	FINISH
LRLD442	W WHITE B BLACK N NATURAL CO COPPER



▶ 4" LED | DEEP REFLECTOR | 10W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD421	W ALL WHITE C CLEAR REFL./WHITE RING S SATIN REFL./WHITE RING WN WHITE REFL./NATURAL RING CN CLEAR REFL./NATURAL RING SN SATIN REFL./NATURAL RING CB CLEAR REFL./BLACK RING	-B25 NARROW FL -B45 FLOOD -B60 WIDE FL [SOL] -B61 WIDE FL



▶ 4" LED | REFLECTOR WITH LENS | 10W

CATALOG NUMBER	FINISH	GLASS LENS
LRLD401	W ALL WHITE B WHITE REFL./BLACK RING N WHITE REFL./NATURAL RING CO WHITE REFL./COPPER RING	-CF CENTER FROST -CL CLEAR -FR FULL FROST -OF OUTER FROST



▶ 4" LED | BASIC REFLECTOR | 10W/15W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD402	W ALL WHITE BB ALL BLACK	-B25 NARROW FL -B40 FLOOD -B61 WIDE FL -B80 SUPER WIDE FL [SOL]



▶ 4" LED | WALL WASH | 10W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD471	C CLEAR REFL./WHITE RING W ALL WHITE	-B25 NARROW FL -B45 FLOOD Blank WIDE FL [SOL]



▶ 4" LED | BAFFLE | 10W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD493	W ALL WHITE BB ALL BLACK B BLACK BAFFLE/WHITE RING N ALL NATURAL CO ALL COPPER MO ALL MOCHA	-B25 NARROW FL -B45 FLOOD -B60 WIDE FL [SOL] -B61 WIDE FL



▶ 4" LED | LOW PROFILE | 10W/15W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD400	W WHITE B BLACK N NATURAL CO COPPER	-B25 NARROW FL -B40 FLOOD -B61 WIDE FL -B120 SUPER WIDE [SOL]



▶ LED 4" Recessed



GENERAL PURPOSE RECESSED

Lamp "Straight-Up" view
B15 | B25 | B45 | B60

LED LIGHTING DETAILS

Cat# / Watt.	LRLD468 / 6W
Lumen	270+
CRI	80
Color Temp.	3,000K +/- 100K
Est. Life (L70)	35,000 Hrs.

Consult factory for IES photometric files.

▶ |4W|6W|8W| 4½" CUT-OUT

GENERAL PURPOSE

Wattage	6W	
Beamspread	45°	
Color Temp.	3,000K	
Height (Ft.)	Beam Diameter	Footcandle
4.0'	2.33'	50.0 Fc.
6.0'	3.00'	32.0 Fc.
8.5'	3.92'	10.0 Fc.

Consult factory for LM79 IES photometric files.

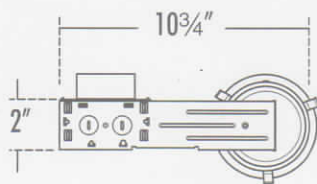
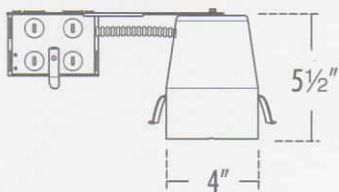
LED 4" Remodel Housing | 4¼" CUT-OUT | 4W | 6W | 8W

GENERAL PURPOSE

CATALOG NUMBER

LHLD4R04C35	4W
LHLD4R06C50	6W
LHLD4R08C70	8W

CONSULT FACTORY FOR DIMMING OPTION



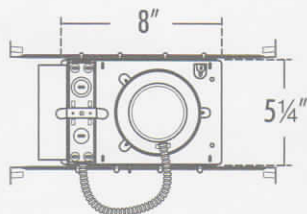
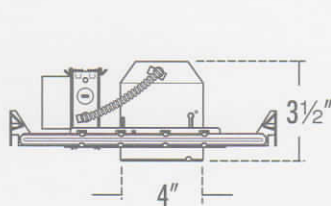
AIRTIGHT IC

LED 4" Shallow Housing | 4½" CUT-OUT | 4W | 6W | 8W

GENERAL PURPOSE

CATALOG NUMBER

LSHLD404C35	4W
LSHLD406C50	6W
LSHLD408C70	8W



IC

▶ 4" LED | ADJUSTABLE PULL DOWN | 4W/6W/8W

CATALOG NUMBER FINISH BEAMSPREAD

LRLD468

W WHITE
B BLACK
N NATURAL

-B15 SPOT
-B25 NARROW FL
-B45 FLOOD
-B60 WIDE FL



85° TILT | 360° ROTATION

▶ 4" LED | ADJUSTABLE GIMBAL | 4W/6W/8W

CATALOG NUMBER FINISH BEAMSPREAD

LRLD488

W WHITE
B BLACK
N NATURAL
CO COPPER

-B15 SPOT
-B25 NARROW FL
-B45 FLOOD
-B60 WIDE FL



20° TILT

GENERAL PURPOSE RECESSED



Lamp "Straight-Up" view
(For more ambient light applications)
B60



Lamp "Straight-Up" view
(For accent lighting and a defined beamspread)
B25 | B45 | B61



Wattage	15W (6 LEDs)	
Beamspread	25°	
Color Temp.	3,000K	
Height (Ft.)	Beam Diameter	Footcandle
3.0'	1.3'	527.1 Fc.
6.0'	2.7'	131.6 Fc.
9.0'	4.0'	58.8 Fc.
12.0'	5.3'	32.9 Fc.

Consult factory for LM79 IES photometric files.

LITON®

L I G H T I N G

five-inch recessed LED 10W | 15W

practical led solutions
practical led solutions
practical led solutions practical led solutions

LED LIGHTING DETAILS

Cat# / Watt.	LRLD521 / 15W
Lumen	650+
CRI	80
Color Temp.	3,000K
Est. Life (L70)	40,000 Hrs.

Consult factory for IES photometric files.

LED Driver

Electronic Direct Current LED driver integrally mounted away from light source for cooler operation and user friendly modularity
120V Dimming and 120V/277V
Universal AC input optional

LED Heat Sink

properly vents every Liton LED lighting fixture to ensure its maximum LED lamp life

Lamp Module

is replaceable via on-board quick-disconnect terminal
No tools required

Up to (4) beamspreads available - Specify

Meets Title 24 & other standards restricting use of bi-pin and medium base sockets

Recessed Housing

Pre-wired housing adjusts to multiple ceiling thickness
Integral thermal protector insures safe installation and operation

Available in New Construction and Remodel mountings

Hanger Bars

Heavy-duty adjustable
24" hanger bars

Trim Styles

Six (6) trim-styles to choose from, in standard and designer finishes

3-YEAR FACTORY WARRANTY

3-Year Factory Warranty



Liton Air-Tight LED housing

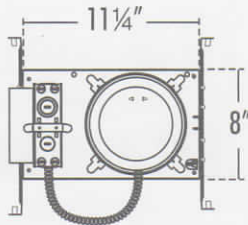
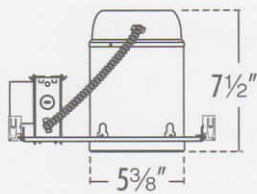
ASSEMBLED IN THE USA

Assembled in the USA

LED 5" New Construction | 5 3/4" CUT-OUT | 10W | 15W



CATALOG NUMBER	VOLTAGE	OPTION	GENERAL PURPOSE
LHLD510C50	10W	Blank	NONE EMERGENCY BACK-UP
LHLD515C70	15W	Blank -EM -DLV -DIN -DHL	



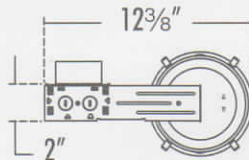
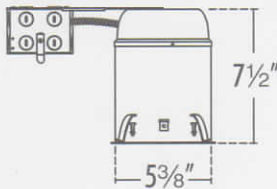
AIRTIGHT **IC**

LED New Construction Housing • 24" Adjustable Hanger Bars • IC rated • Airtight • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.

LED 5" Remodel Housing | 5 1/2" CUT-OUT | 10W | 15W



CATALOG NUMBER	VOLTAGE	OPTION	GENERAL PURPOSE
LHLD5R10C50	10W	Blank	NONE EMERGENCY BACK-UP
LHLD5R15C70	15W	Blank -EM -DLV -DIN -DHL	



AIRTIGHT **IC**

LED Remodel Housing • IC rated • Airtight • Integral thermal protector insures safe installation and operation • Junction box is listed for through branch circuit wiring (2 in - 2 out) with 1/2" knock-outs • Meets **Title 24** and other standards restricting use of bi-pin and medium base sockets • **ETL listed** for feed through and damp location.





LED 5" Recessed | GENERAL PURPOSE TRIMS | 10W | 15W

Enhancing the space without an overwhelming effect, Liton's 5" series offers lighting that is visually powerful and uniquely versatile with a great selection of trims, delivering the optimum level of style and performance.

▶ 5" LED | REFLECTOR TRIM | 10W/15W

CATALOG NUMBER	REFLECTOR	RING	BEAMSPREAD
LRLD521	C CLEAR	Blank WHITE	-B25 NARROW FL
	S SATIN HAZE	B BLACK	-B45 FLOOD
	W WHITE	C CHROME	-B60 WIDE FL [SOL]
		N NATURAL	-B61 WIDE FL
		CO COPPER	



▶ 5" LED | BAFFLE TRIM | 10W/15W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD593	W ALL WHITE	-B25 NARROW FL
	BB ALL BLACK	-B45 FLOOD
		-B60 WIDE FL [SOL]
		-B61 WIDE FL



▶ 5" LED | GLASS DOME | 10W/15W

CATALOG NUMBER	FINISH
LRLD542	W WHITE
	B BLACK
	N NATURAL
	CO COPPER



▶ 5" LED | LENSED TRIM | 10W/15W

CATALOG NUMBER	FINISH
LRLD501	W WHITE
	B BLACK



▶ 5" LED | REGRESSED ADJ. GIMBAL | 10W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD578	W WHITE	-B25 NARROW FL
	BB BLACK	-B45 FLOOD
	N NATURAL	-B61 WIDE FL
	CO COPPER	



45° ADJUSTABLE | 350° ROTATION

▶ 5" LED | ADJUSTABLE GIMBAL | 10W

CATALOG NUMBER	FINISH	BEAMSPREAD
LRLD588	W WHITE	-B25 NARROW FL
	B BLACK	-B45 FLOOD
	N NATURAL	-B61 WIDE FL



45° ADJUSTABLE | 350° ROTATION

► Cross Reference Chart



By using a more unique and original method of LED fixture design, LITON has introduced a revolutionary new approach to LED downlighting. Across the board, a competitive cross reference with some of the leading manufacturers of LED lighting clearly shows that LITON's LHLD and LHBLD lines offer more diverse options and versatile features than its competition.

"With a total of 22 trim styles, Liton has *at least two times* the number of styles *more than* its competitors"

In an effort to help conserve energy, LITON is the only brand among its competition to be qualified for LUTRON 1% Hi-Lume Dimming. Four optional beam spreads give the LHLD and LHBLD lines the adaptability to suit any design need. In addition to adjustable options, available trim sizes in 2", 3", 4", 5" and 6" apertures give designers the industry's largest selection of LED downlights from which to choose. See below for a side-by-side comparison of LITON and its competing brands.

	Liton Brand : LHLD/LHBLD Series	Brand P	Brand C	Brand H	Brand J
6" Downlight Foot Candles at 8' ►	16 Fc. Ø10.5" @ 8Ft. (LRLD678W-B61, LRLD621W-B61, 3000K) Up to 80 Fc. with B25!	1.2 Fc. Ø 11.8' @ 8Ft.	2.0 Fc. Ø 10' @ 8Ft.	10.0 Fc. Ø 11.8' @ 8Ft.	5.8 Fc. Ø 10.6' @ 8Ft.
Total Number of Trim Styles ►	(3) 2", (3) 3", (6) 4", (5) 5", (5) 6" = 22 Trim Styles	2	5	8	11
Qualified for Lutron 1% Hi-Lume Dimming? ►	✓	✗	✗	✗	✗
Emergency Battery Back-up Option Available? ►	✓	✗	✗	✗	✗
Low Voltage Retrofit Available? ►	✓	✗	✗	✗	✗
Optional Beam Spreads Available? ►	Yes! (25°, 40°, 60° and 120°)	No~ 100°-120°	No~120°	No~90°	No~90°
Suitable for Sloped Ceilings? ►	✓	✗	✗	✗	✗
Track Lighting with Same Modular LED Engine? ►	✓	✗	✗ ¹	✗	✗
Shallow Housings Available? ►	✓	✗	✗	✗	✗
Adjustable Trims Available? ►	✓	✗	✓ ²	✗	✗
Miniature 2" Downlight Available? ►	✓	✗	✗	✗	✗
3" Downlight Available? ►	✓	✗	✗	✗	✗
4" Downlight Available? ►	✓	✓	✗	✓	✗
5" Downlight Available? ►	✓	✗	✓	✗	✓
Designer Metallic Finishes Available? ►	✓	✗	✗	✓	✗
Driver Mounted Outside of Can for Cooler Operation? ►	✓	✗	✗	✓	✓
Dedicated 120V/277V option? ►	✓	✗	✗ ³	✗	✓
Wall Wash Available? ►	✓	✗	✓ ²	✗	✗
IC-Rated Standard Housing? ►	✓	✓	✓	✗	✓
Energy Star Qualified Downlights? ►	✓	✗	✓	✓	✓

1. Replacement Lamp Available
2. Only 1 Time
3. Static 277V Only

UNDERCABINET LED SERIES

Liton's Strip Lights, Puck Lights and Miniature Housings provide beautifully unobtrusive undercabinet lighting using the most advanced LED technology.

LULED8, LULED16 & LULED32 ▶

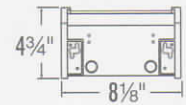
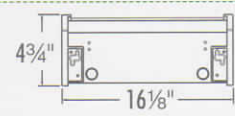
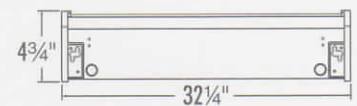
FEATURES

- Energy Star Qualified
- Integral LED driver for 120V AC input
- Convenient on/off switch included
- Only 1" depth • Multiple 1/2" K.O.'s for power input
- Semi prismatic glass lens for smooth illumination
- Thermally maintained for 40,000 hour L70 life.



▶ LED Strip Light

Catalog#	Wattage	Color Temperature
LULED32	16V12 : 16W (4x4) 592 Lm Energy Star	3,500K
	16A-DLV : 16W (4x4) 390 Lm Dimmable	3,000K
LULED16	08V12-ES : 8W (2x4) 281 Lm Energy Star	3,500K
	08A-DLV : 8W (2x4) 220 Lm Dimmable	3,000K
LULED8	04A-DLV : 4W (1x4) 110 Lm	3,000K
	04C35 : 4W (1x4) 200 Lm	3,500K



▶ Accessories

Catalog#	Description
LKULED-PHW	Hardwire Power Feed
LKULED-P1	1" Plug-in Connector / Interconnect
LKULED-P6	6" Plug-in Connector / Interconnect



▶ LINKALED | A FLEXIBLE & MODULAR LED TAPE LIGHTING SYSTEM



FEATURES

- NO DARK SPOT IN CORNERS USING MODULAR L, T, AND X CONNECTORS
- UNLIMITED SEAMLESS RUNS WITH IN-LINE POWER FEED
- FLEXIBLE TO FOLLOW CONTOURS AROUND VERY TIGHT CURVES AND CORNERS
- MODULAR (NO SOLDERING OR FLIMSY CONNECTORS. PLUG AND PLAY)
- PROTECTIVE SILICONE COVER TO PREVENT RUST OR CHEMICAL REACTIONS W/ CLEANERS
- 2-YEAR WARRANTY

Application	Accent Lighting of coves, kick space, inside & under cabinets, recreation vehicles, wine racks & other soft linear lighting application.
Description	A flexible and modular LED tape lighting system. High quality silicone covered LEDs populated onto a flexible metallic (W) 3/8" x (D) 1/8" tape like product w/ a self adhesive back for easy installation. Excellent for small spaces that need a nice soft illumination.
Mounting	Highly durable 3M Brand adhesive tape on back side of L.E.D. strip.
Lamp Life	50,000 Hrs. of life with 70% of initial lumens
LED Color Temp. Options	3,000K (WW) Warm White (L70) 4,000K Halogen Neutral White (NW) L80 5,500K Cool White (CW)
Optional LED Colors	Blue, Green, Amber and Red. Also RGB (special order)
LED Lamp Distribution	Standard 120°
Listing	UL / ETL listed as a Class 2 LED System

▶ Tape Shapes

Catalog#	Description	Power Consumption	Lumen	
LUTKLED1-30	12" Strip	2.9W	137 Lm	
LUTKLEDL-30	L Strip	0.75W	34 Lm	
LUTKLEDT-30	T Strip	1W	46 Lm	
LUTKLEDX-30	X Strip	1.4W	57 Lm	

▶ Tape Accessories

Catalog#	Description	Length	
LUTKLED-PH40	End Feed Connector	40 1/2"	
LUTKLED-PC16	Power Connector	16"	

▶ Tape Power Supplies

Catalog#	Power	Description	Listing	
LD5V12-15-PI	12V/15W	White Plug-In Driver	UL Listed	
LD522V012-60-DLV	12V/60W	Black Dimmable Hardware Driver	ETL Listed	
LD522V012-100-DLV	12V/100W	Black Dimmable Hardware Driver	ETL Listed	

▶ Tape Power Options

Straight Feed (12V DC)	2-Way Feed (12V DC)	Combination
<p>STRAIGHT FEED</p> <p>One directional ☞ 20 Feet Maximum</p>	<p>2-WAY FEED</p> <p>Dual directional ☞☜ 20 Feet in each direction</p>	<p>COMBINATION</p> <p>12V DC + 20' + 20' + 12V DC + 12V DC = ∞</p> <p>Combination ☞☜ Every 20 Feet</p>

Features:

- CREE Lamp Technology
- LED Remote Driver for 120V input plugs into wall
- Surface or recessed mounting hardware included
- Point-of-Purchase 4-Color Packaging
- Designed for smooth illumination
- Low glare, low heat emission, low UV
- Thermally maintained for 40,000 hour L70 life
- Dimmable with Remote Dimmable LED Driver.

MINIATURE LED PUCK LIGHTS

Watt Lumen	3 x 2.5W 360 Lm
Equivalence	3 x 10W Halogens
CRI	85+
Color Temp.	3,000K
Est. Life (L70)	40,000 Hrs.



Mini LED Downlight Kit

Mini LED Downlight Kit | LK326LEDW (White) | LK326LEDB (Black) | LK326LEDN (Natural)

Liton's Mini LED Downlight Kit comes complete with 3 lamps, a driver and 120V plug. Presented in sets of (3), Mini LED Downlight Kit is available in (3) White, (3) Black, or (3) Natural.

▶ Mini LED Puck Light Reflector with Lamp | (1)3W LED | 15" Quick-Connect Lead Included



Catalog#	Finish	Beam Spread	Description
LK126LED	W : White	Blank : 120° Super Wide Flood	White trim & housing
	B : Black	-B25 : 25° Spot	Black trim & housing
	N : Natural		Natural trim & housing

▶ Mini LED Puck Light Kit LED 120V AC Input | (3)3W LED | 360 Lm

Mini LED Puck Light Kit | LK326LED

Liton's Mini LED Downlight Kit comes complete with 3 lamps, a driver and 120V plug. Surface mounted or recessed, these pucks give years of illuminating service.

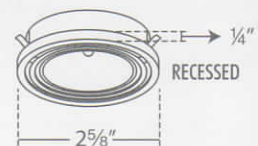
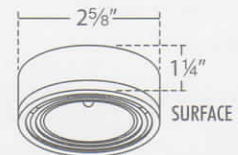
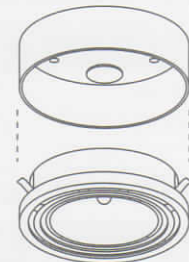


Catalog#	Finish	Beam Spread	Description
LK326LED	W : White	Blank : 120° Super Wide Flood	White Mini Puck Light Kit
	B : Black	-B25 : 25° Spot	Black Mini Puck Light Kit
	N : Natural		Natural Mini Puck Light Kit

▶ Mini LED Puck Light Drivers



Catalog#	Finish	Description
LKDC312	B-DIN : Black	Dimmable Puck Light Driver for 3-12 puck lights
LKDC33	W : White	Puck Light Driver for 1-3 puck lights
	B : Black	





LUTRON
QUALIFIED LED PARTNER

SERIES	MODEL	POWER	AVG. PRICE	# OF UNITS PER DIMMER
LYNEO® Lx				
Single Pole	LXELV-600PL	600W		1-13
3-Way	LXELV-603PL	600W		1-13
FAEDRA®				
Single Pole	FAELV-500M			1-11
SKYLARK				
Single Pole	SELV-300P	300W	\$45 - \$55	1-7
3-Way	SELV-303P	300W	\$50 - \$60	1-7
DIVA				
Single Pole	DVELV-300P	300W	\$80 - \$100	1-7
Single Pole (Magnetic)	DVLV-600P	600W	\$40 - \$60	1-2
3-Way	DVELV-303P	300W	\$80 - \$100	1-7
MAESTRO				
Single Pole	MAELV-600	600W	\$110 - \$150	1-14
NOVA				
Single Pole	NELV-450	450W	\$80 - \$85	1-10
Single Pole	NTELV-600	600W	\$150 - \$200	1-14
VIERTI™				
Single Pole/Multi Location	VTELV-600	600W	\$180 - \$220	1-14
LUTRON INTERFACES				
Grafik Eye®	PHPM-PA Power Module			1 Unit Min.
HomeWorks®	HW-RPM-4A**			1 Unit Min.
RadioRA 2	RRD-6XA**			4 Units Min.
Commercial Systems	LP-RPM-4A**			1-27

** Low end trim adjustment required.

CRESTRON
CERTIFIED PARTNER

SERIES	MODEL	POWER	AVG. PRICE	# OF UNITS PER DIMMER
CRESTRON BRAND				
iLux® Universal Dimmer	CLS-EXP-DIMU			
Low Voltage Dimmer	CLX-1DELV4			
Universal Dimmer	DIN-1DIMU4			

VANTAGE

SERIES	MODEL	POWER	AVG. PRICE	# OF UNITS PER DIMMER
VANTAGE BRAND				
Electronic Dimmer 120V	EDIMMOD			1 Unit Min.
Electronic Load Dimmer 240V	ELDS4-DIN			1 Unit Min.

LEVITON

SERIES	MODEL	POWER	AVG. PRICE	# OF UNITS PER DIMMER
SURSLIDE				
Single Pole	6615POW	600W	\$20 - \$30	1-14
3-Way	6615POW	600W	\$20 - \$30	1-14
VIZIA				
Single Pole	VZE06-1LZ	600W	\$90 - \$150	1-14
Single Pole (Magnetic)	VZE06-1LZ	600W	\$120 - \$180	1-14
3-Way	VZE06-1LZ	600W	\$120 - \$180	1-14
ACENTI				
Single Pole	ATEO-1LW	400W	\$75 - \$100	1-9
3-Way	ATEO-1LW	400W	\$75 - \$100	1-9
ILLUMATECH				
Single Pole	IPE04	300W	\$40 - \$70	1-7
3-Way	IPE04	300W	\$40 - \$70	1-7

WattStopper

SERIES	MODEL	POWER	AVG. PRICE	# OF UNITS PER DIMMER
MIRO				
Single Pole	DCD267*	600W	\$35 - \$45	1-13

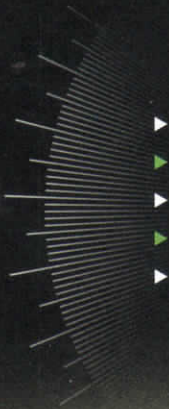
*) Must be turned on from high end side.

Practical LED Solutions

FOURTH EDITION

olutions practical led solutions

LED



RECESSED
TRACK
UNDER CABINET
STEP LIGHTS
EXIT SIGNS

practical led solutions practical led solutions

LITON

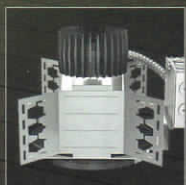
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PRACTICAL LED SOLUTIONS



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