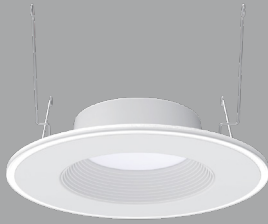


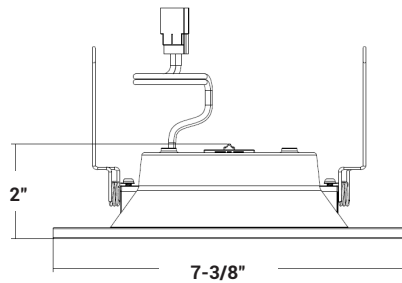
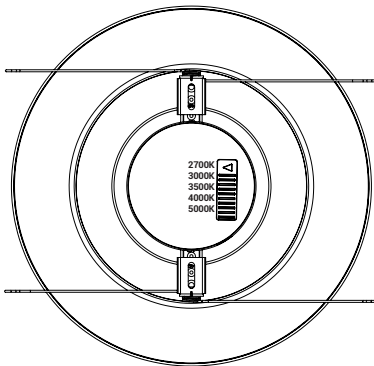
6" LED Retrofit Downlight with Outer Night Light and Multi-CCT



EASY 5 COLORS
SELECTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



Recommended Hole Cut-out Size: 6-1/4"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
900L	934L	9.5W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

PROMOTING CALM AND AMBIANCE IN THE MODERN HOME

This 6" retrofit downlight combines the convenience of a sleek, modern downlight with the utility of an integrated, outer baffle night light that provides a rich, warm glow to promote rest and relaxation. TRIAC dimming and selectable CCT allow for variety in ambiance in chosen spaces. Recess mountable and available in 900L and compatible with 6" IC and non IC rated housings.

Ideal for retrofit applications in bedrooms, bathrooms, hallways and similar residential spaces. Shallow plenum space friendly.

LUMENS	900L, Night Light Mode: 35L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	4-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIMTR - 1% TRIAC dimming at 120V
TRIM COLORS	White (W-WH) Standard only
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
DISTRIBUTION	Very Wide (90°, VWD)
VOLTAGE	120V
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS

Features a regressed frosted polycarbonate lens and beveled baffle for gentle, glare-free, illumination.

5 selectable CCT options of 27K/30K/35K/40K/50K allow for selectable warm to cool color atmospheres.

Integrated outer baffle ON/OFF night light function allows for a gentle, warm and comforting illumination suitable for after hours and non-disruptive of circadian rhythms. Light mode can be easily switched between regular and night light by toggling a flip switch from OFF/ON within 3 seconds.

Up to 900L output in downlight mode at 9.5W. Night light mode operates at 2000K at 3W.

CONSTRUCTION

Housing made from a UV treated non-corrosive plastic for durability.

E26 adapter base and pre-installed clips included for fast and easy installation.

CCT switch located on back of luminaire.

MOUNTING & INSTALLATION

Suitable for recessed retrofit mounting. Can be installed in shallow plenum spaces; ideal where ceiling or top access is unavailable.

May be installed in drywall or suspended ceilings. Compatible with a variety of IC and non IC rated 6" recessed housing options.

MAINTENANCE

Fixture can be wiped down with a dry or damp cloth for optimal performance.

OPTIONS & ACCESSORIES

Available to order separately with various IC and non IC rated housing options.

See order chart for details.

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current LED drivers which are rated for 50 to 60Hz at 120V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

DIMTR - 1% TRIAC Dimming at 120V.

WARRANTY

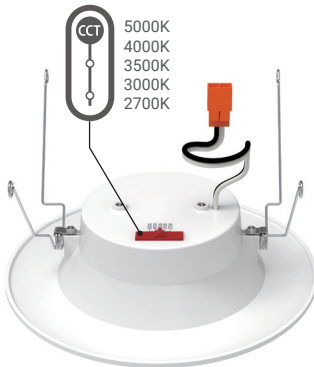
5-year warranty for parts and components (labor not included).

LISTINGS

UL listed.
Energy Star certified.
Wet location suitable.
JA8 and Title 24 Compliant.

Suitable for use in closet storage spaces when installed in accordance with NFPA-70 and NEC 410.16 spacing requirements; Recommended spacing for recessed LED luminaires is 6 inches (150 mm).

MULTI-CCT SWITCH



ACCESSORIES

GU24SA

Socket for LED Retrofit to GU24



COMPATIBLE HOUSINGS

NEW CONSTRUCTION IC RATED HOUSING



LD6IC
6" New Construction IC Housing

HLD6IC-AT
6" Architectural New Construction IC Housing

LD600IC-AT
6" New Construction IC Housing

CLD6IC-AT-DIMTR-120
6" New Construction IC Housing with WAGO Connector



EZ6IC-AT
6" Incandescent Socket Air-shut IC Housing with WAGO Connector

B6IC-AT-W
6" Incandescent Air-shut IC Housing with WAGO Connector

B6IC-100-AT
6" Incandescent 100W Air-shut IC Housing with WAGO Connector



B600IC-AT-W
6" Incandescent Universal Single Wall 100W IC Housing with WAGO Connector

LD5IC
5" New Construction IC Housing

NEW CONSTRUCTION NON-IC RATED HOUSING



LD6-AT-DIMTR-120
6" New Construction Non-IC Housing

HLD6-AT
6" Architectural New Construction Non IC Housing

REMODEL IC RATED HOUSING



LD6RIC-AT
6" Remodel IC Housing



HLD6RIC-AT
6" Architectural Remodel IC Housing



EZ6IC-AT
6" Incandescent Loose Socket Air-shut IC Housing with WAGO Connector

B6RIC-AT-W
6" Incandescent Air-shut IC Remodel Housing with WAGO Connector

LD5RIC-AT
5" Remodel IC Housing

REMODEL NON-IC RATED HOUSING



LD6R-AT-DIMTR-120
Remodel Non-IC Housing

LD6R-AT
6" Remodel Non-IC Housing

Example: REL634-ONL-900L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH

SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION	COMPATIBLE HOUSINGS
REL634-ONL	900L	DIMTR (Triac)	120V	27K/30K/35K/40K/50K	90	W-WH - White	GU24SA Socket for LED Retrofit to GU24	LD6IC - 6" New Construction IC Housing HLD6IC-AT - 6" Architectural New Construction IC Housing LD600IC-AT - 6" New Construction IC Housing CLD6IC-AT-DIMTR-120 - 6" New Construction IC Housing with WAGO Connector EZ6IC-AT - 6" Incandescent Socket Air-shut IC Housing with WAGO Connector B6IC-AT-W - 6" Incandescent Air-shut IC Housing with WAGO Connector B6IC-100-AT - 6" Incandescent 100W Air-shut IC Housing with WAGO Connector B600IC-AT-W - 6" Incandescent Universal Single Wall 100W IC Housing with WAGO Connector LD6RIC-AT - 6" Remodel IC Housing HLD6RIC-AT - 6" Architectural Remodel IC Housing EZ6IC-AT - 6" Incandescent Loose Socket Air-shut IC Housing with WAGO Connector B6RIC-AT-W - 6" Incandescent Air-shut IC Remodel Housing with WAGO Connector LD6-AT-DIMTR-120 - 6" New Construction Non-IC Housing HLD6-AT - 6" Architectural New Construction Non IC Housing LD6R-AT-DIMTR-120 - Remodel Non-IC Housing LD6R-AT - 6" Remodel Non-IC Housing LD5IC - 5 New Construction IC Housing LD5RIC-AT - 5" Remodel IC Housing

REL634-ONL-900L-DIMTR-120-27K-30K-35K-40K-50K-W-WH

TEST NO.: **EL11262481**

INPUT WATTS: **9.5**

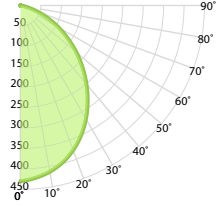
LUMENS: **934**

EFFICACY: **98**

BEAM ANGLE: **92**

SPACING CRITERIA: **1.12**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	430	430
10°	413	431
20°	377	401
30°	320	348
40°	251	279
50°	179	202
60°	108	123
70°	44	54
80°	6	9
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	23547	23547
45.00°	16630	18669
55.00°	13573	15500
65.00°	9673	11324
75.00°	4249	5700
85.00°	484	988

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	43
10° - 20°	114
20° - 30°	166
30° - 40°	186
40° - 50°	175
50° - 60°	137
60° - 70°	82
70° - 80°	29
80° - 90°	3

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	156	17%
0° - 30°	322	34%
0° - 40°	508	54%
0° - 60°	820	88%
0° - 80°	930	100%
0° - 90°	933	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	11.9 fc	12.4 ft	12.8 ft
8.0 ft	6.7 fc	16.6 ft	17.1 ft
10.0 ft	4.3 fc	20.7 ft	21.4 ft
12.0 ft	3.0 fc	24.9 ft	25.7 ft
14.0 ft	2.2 fc	29.0 ft	29.9 ft
16.0 ft	1.7 fc	33.2 ft	34.2 ft
18.0 ft	1.3 fc	37.3 ft	38.5 ft
20.0 ft	1.1 fc	41.5 ft	42.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

ρf pc pw	80%				70%				20%				10%				0%	
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	84	77	71	91	83	76	71	80	74	69	77	72	68	75	71	67	65
4	86	75	68	61	84	74	67	61	72	65	60	69	64	59	67	63	59	57
5	80	68	60	54	78	67	59	53	65	58	53	63	57	52	61	56	52	50
6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	56	50	46	44
7	69	56	48	42	67	55	48	42	54	47	42	53	46	42	51	46	41	39
8	64	52	44	38	63	51	43	38	50	43	38	48	42	38	47	42	37	36
9	60	48	40	35	59	47	40	34	46	39	34	45	39	34	44	38	34	32
10	57	44	37	32	55	44	36	31	43	36	31	42	36	31	41	35	31	29