

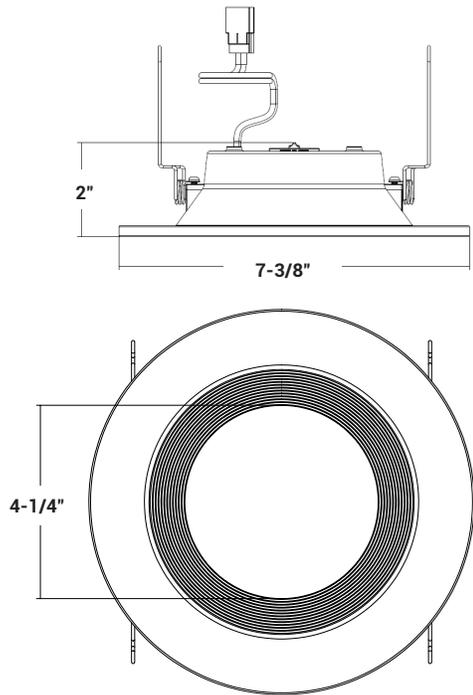


EASY 5 COLORS  
**SELECTOR**  
2700K • 3000K • 3500K • 4000K • 5000K

NIGHT LIGHT  
(2000K)



**DIMENSIONS**



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
900L	897L	10W

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, inner 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 (WH) Standard only
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
DISTRIBUTION	Very Wide (90°, VWD)
VOLTAGE	120V
EMERGENCY	15W High Voltage Inverter (Remote)
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 inner 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 back.

#### MAINTENANCE

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

#### 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.

#### 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

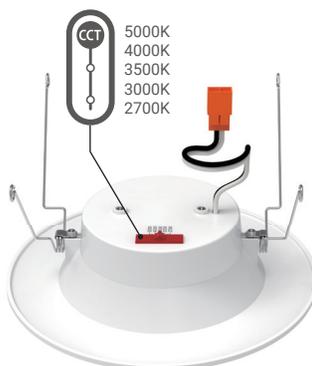
5-year warranty for parts and components (labor not included).

#### 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-INL-900L-DIMTR-120-27K/30K/35K/40K/50K-90-WH

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

**REL634-INL-900L-DIMTR-120-27K-30K-35K-40K-50K-90-WH**

TEST NO.: **EL11272483**

INPUT WATTS: **9.5**

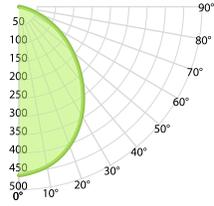
LUMENS: **1011**

EFFICACY: **106**

BEAM ANGLE: **91**

SPACING CRITERIA: **1.12**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	461	461
10°	443	464
20°	404	429
30°	343	372
40°	267	297
50°	191	216
60°	119	137
70°	53	65
80°	8	13
90°	0	0

**LUMINANCE (cd/sq.m)**

	0.00°	90.00°
0.00°	25258	25258
45.00°	17730	19843
55.00°	14801	16881
65.00°	10949	12884
75.00°	5452	7352
85.00°	1083	1926

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	46
10° - 20°	122
20° - 30°	178
30° - 40°	199
40° - 50°	187
50° - 60°	148
60° - 70°	92
70° - 80°	35
80° - 90°	4

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0° - 20°	168	17%
0° - 30°	346	34%
0° - 40°	545	54%
0° - 60°	880	87%
0° - 80°	1006	100%
0° - 90°	1011	100%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	12.8 lx	12.3 m	12.8 m
8.0 m	7.2 lx	16.4 m	17.0 m
10.0 m	4.6 lx	20.5 m	21.3 m
12.0 m	3.2 lx	24.6 m	25.6 m
14.0 m	2.4 lx	28.7 m	29.8 m
16.0 m	1.8 lx	32.8 m	34.1 m
18.0 m	1.4 lx	36.9 m	38.3 m
20.0 m	1.2 lx	41.0 m	42.6 m

**INDOOR COEFFICIENTS OF UTILIZATION**

pf	20%																0%	
	80%				70%				50%				30%				10%	
pc	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	110	106	103	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87
2	102	94	88	83	99	92	87	82	89	84	80	86	82	79	83	80	77	75
3	93	84	77	71	91	82	76	70	79	74	69	77	72	68	74	70	67	65
4	86	75	67	61	84	74	66	61	71	65	60	69	63	59	67	62	58	56
5	80	68	59	53	78	67	59	53	65	58	52	63	57	52	61	56	51	49
6	74	61	53	47	72	60	53	47	59	52	46	57	51	46	56	50	46	44
7	69	56	48	42	67	55	47	42	54	47	42	52	46	41	51	45	41	39
8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35
9	60	47	39	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31	29