

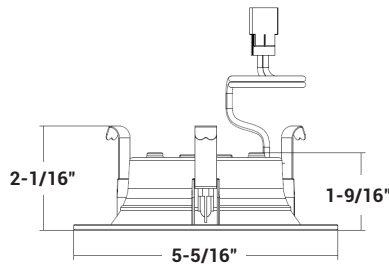
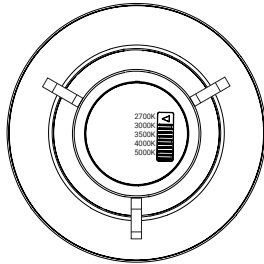


Night Light

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



**DIMENSIONS**



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700L	690L	7.5W

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

**FEATURES**

**PROMOTING CALM AND AMBIANCE IN THE MODERN HOME**

This 4" 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 700L and compatible with 4" IC and non IC rated housings.

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

LUMENS	700L, Night Light Mode: 35L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	3-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 (95°, 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 700L output in downlight mode at 7.5W. 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.

**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 4" 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 - Flicker 1% TRIAC Dimming.

**WARRANTY**

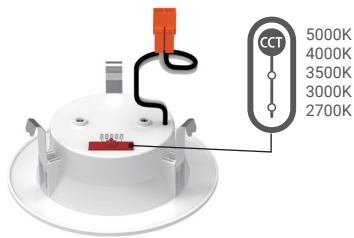
5-year warranty for parts and components (labor not included).

**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



**LD4IC-AT-DIMTR-120-M**  
4" New Construction IC Housing

**HLD4IC-AT-DIMTR-DIM10-MVOLT**  
4" Architectural New Construction IC housing



**B4IC-AT-W**  
4" Incandescent Air-shut IC Housing with WAGO Connector

**CLD4IC-AT-DIMTR-120-M**  
4" Incandescent New Construction IC Housing

### REMODEL IC RATED HOUSING



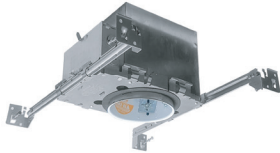
**LD4RIC-AT-DIMTR-120**  
4" Remodel IC Housing

### NEW CONSTRUCTION NON-IC RATED HOUSING



**LD4-AT-DIMTR-120**  
4" New Construcion Non-IC Housing

**HLD4-AT**  
4" Architectural New Construction Non-IC Housing



**B4-AT-W**  
4" Incandescent Air-shut Housing with WAGO Connector

### REMODEL NON-IC RATED HOUSING



**LD4R-AT-DIMTR-120**  
4" Remodel Non-IC Housing

**HLD4R-AT**  
4" Architectural Remodel Non-IC Housing



**B4R-AT-W**  
4" Incandescent Air-shut Remodel Housing with WAGO Connector

Example: **REL434-ONL-700L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH**

SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION	COMPATIBLE HOUSINGS
REL434-ONL	700L	DIMTR (Triac)	120V	27K/30K/35K/40K/50K	90	W-WH - White	GU24SA Socket for LED Retrofit to GU24	<b>LD4IC-AT-DIMTR-120-M</b> - 4" New Construction IC Housing <b>HLD4IC-AT-DIMTR-DIM10-MVOLT</b> - 4" Architectural New Construction IC housing <b>B4IC-AT-W</b> - 4" Incandescent Air-shut IC Housing with WAGO Connector <b>CLD4IC-AT-DIMTR-120-M</b> - 4" Incandescent New Construction IC Housing <b>LD4RIC-AT-DIMTR-120</b> - 4" Remodel IC Housing  <b>LD4-AT-DIMTR-120</b> - 4" New Construcion Non-IC Housing <b>HLD4-AT</b> - 4" Architectural New Construction Non-IC Housing <b>B4-AT-W</b> - 4" Incandescent Air-shut Non-IC Housing with WAGO Connector <b>LD4R-AT-DIMTR-120</b> - 4" Remodel Non-IC Housing <b>HLD4R-AT</b> - 4" Architectural Remodel Non-IC Housing <b>B4R-AT-W</b> - 4" Incandescent Air-shut Remodel Non-IC Housing with WAGO Connector

**REL434-ONL-700L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH**

TEST NO.: **EL11262482**

INPUT WATTS: **7.3**

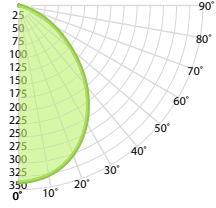
LUMENS: **690**

EFFICACY: **95**

BEAM ANGLE: **89**

SPACING CRITERIA: **1.14**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	336	336
10°	327	334
20°	301	308
30°	257	264
40°	199	206
50°	133	141
60°	74	81
70°	26	31
80°	4	6
90°	0	0

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

	0.00°	90.00°
0.00°	51220	51220
45.00°	35794	37383
55.00°	27051	29055
65.00°	17591	19537
75.00°	6972	8796
85.00°	978	2411

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	34
10° - 20°	89
20° - 30°	129
30° - 40°	143
40° - 50°	130
50° - 60°	94
60° - 70°	52
70° - 80°	17
80° - 90°	2

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0° - 20°	122	18%
0° - 30°	252	36%
0° - 40°	395	57%
0° - 60°	619	90%
0° - 80°	688	100%
0° - 90°	690	100%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	9.3 fc	11.8 ft	12.1 ft
8.0 ft	5.3 fc	15.8 ft	16.1 ft
10.0 ft	3.4 fc	19.7 ft	20.2 ft
12.0 ft	2.3 fc	23.7 ft	24.2 ft
14.0 ft	1.7 fc	27.6 ft	28.2 ft
16.0 ft	1.3 fc	31.5 ft	32.3 ft
18.0 ft	1.0 fc	35.5 ft	36.3 ft
20.0 ft	0.8 fc	39.4 ft	40.3 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

ρf ρc ρw	80%				70%				20%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	10%	50%	30%	10%	10%	50%	30%	10%	10%	50%	30%	10%	10%	50%	30%	10%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100	100	100	100	100	100	100	100	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	88	88	88	88	88	88	88	88	88	88
2	102	95	90	85	100	94	88	84	90	86	82	87	83	80	84	81	78	76	76	76	76	76	76	76	76	76	76	76
3	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	68	66	66	66	66	66	66	66	66	66	66	66
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58	58	58	58	58	58	58	58	58	58	58
5	81	69	61	55	79	68	61	55	66	60	54	64	58	54	63	57	53	51	51	51	51	51	51	51	51	51	51	51
6	75	63	55	49	73	62	54	49	60	54	48	59	53	48	57	52	48	46	46	46	46	46	46	46	46	46	46	46
7	70	58	50	44	68	57	49	44	55	48	43	54	48	43	53	47	43	41	41	41	41	41	41	41	41	41	41	41
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37	37	37	37	37	37	37	37	37	37	37
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34	34	34	34	34	34	34	34	34	34	34
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	36	32	31	31	31	31	31	31	31	31	31	31	31