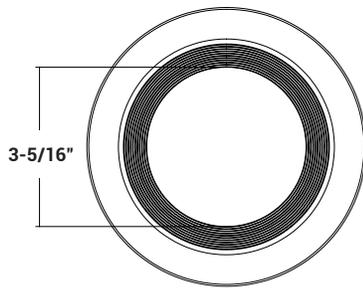
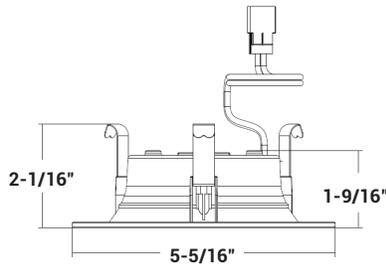




**DIMENSIONS**



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700L	746L	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, 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 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	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 (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 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 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.

**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 4" 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**



**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 Construction 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-INL-700L-DIMTR-120-27K/30K/35K/40K/50K-90-WH**

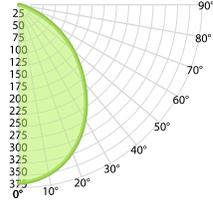
<b>REL434-INL</b>									
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION	COMPATIBLE HOUSINGS	
REL434-INL	700L	DIMTR (Triac)	120V	27K/30K/35K/40K/50K	90	WH - White	GU24SA Socket for LED Retrofit to GU24	<b>LD4IC-AT-DIMTR-120-M</b> - 4" New Construction IC Housing <b>HLD4IC-AT-DIMTR-DIM10-MVOLT</b> - 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 Construction 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-INL-700L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH**

TEST NO.: **EL11272484**

INPUT WATTS: **7.5** LUMENS: **746** EFFICACY: **99** BEAM ANGLE: **90** SPACING CRITERIA: **1.11**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	365	365
10°	352	356
20°	320	328
30°	270	281
40°	208	218
50°	145	155
60°	79	88
70°	24	30
80°	3	4
90°	0	0

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

	0.00°	90.00°
0.00°	55699	55699
45.00°	37853	40101
55.00°	29761	32290
65.00°	17572	20172
75.00°	5688	7138
85.00°	1614	2825

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	36
10° - 20°	96
20° - 30°	139
30° - 40°	154
40° - 50°	141
50° - 60°	106
60° - 70°	55
70° - 80°	15
80° - 90°	2

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0° - 20°	133	18%
0° - 30°	272	36%
0° - 40°	427	57%
0° - 60°	674	90%
0° - 80°	744	100%
0° - 90°	745	100%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°
6.0 m	10.2 lx	12.1 m	12.0 m
8.0 m	5.7 lx	16.1 m	16.0 m
10.0 m	3.7 lx	20.2 m	20.1 m
12.0 m	2.5 lx	24.2 m	24.1 m
14.0 m	1.9 lx	28.2 m	28.1 m
16.0 m	1.4 lx	32.3 m	32.1 m
18.0 m	1.1 lx	36.3 m	36.1 m
20.0 m	0.9 lx	40.3 m	40.1 m

**INDOOR COEFFICIENTS OF UTILIZATION**

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