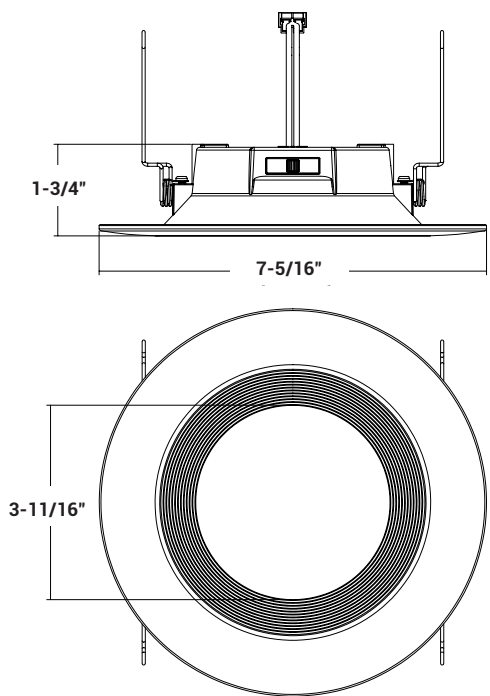




EASY 5 COLORS
SELECCTOR
2700K • 3000K • 3500K • 4000K • 5000K



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

UPGRADE BEYOND CONVENIENCE

This 6" retrofit downlight takes retrofit and new construction projects beyond convenience for versatile, effective, and stunning illumination. A compact profile and beveled baffle make for a glare-free, modern look and accommodates low plenum spaces and shallow housing options. Preinstalled clips and an included E26 base adapter allow for quick and easy installation. TRIAC dimming and selectable CCT allow for variety in ambiance. Recess mountable and available in 900L and compatible with 6" IC and non-IC rated housings.

Ideal for bedrooms, bathrooms, hallways and similar applications in residential spaces. Wet location suitable.

LUMENS	900L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIMTR Triac Dimming
TRIM COLORS	White (WH) Standard only
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
DISTRIBUTION	Very wide (95°, VWD)
VOLTAGE	120V
EMERGENCY	15W High Voltage Inverter (Field install)
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.

Available in 900L. CCT factory set to 5000K.

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 side 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.

- **0-EMG-LED-15W-FLEX** (Remote) - 15W High voltage emergency inverter battery back-up available with a remote mounted test switch.

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 10% 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



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

REL634									
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION	COMPATIBLE HOUSINGS	
REL634	900L	DIMTR (Triac)	120V	27K/30K/35K/40K/50K	90	W-WH - White	GU24SA Socket for LED Retrofit to GU24 0-EMG-LED-15W-FLEX 15W Emergency Back up (Remote)	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	

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

TEST NO.: **EL11262478**

INPUT WATTS: **9.3**

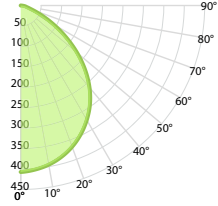
LUMENS: **897**

EFFICACY: **96**

BEAM ANGLE: **96**

SPACING CRITERIA: **1.18**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	407	407
10°	395	408
20°	368	382
30°	323	339
40°	262	279
50°	180	198
60°	93	107
70°	29	36
80°	11	12
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	22320	22320
45.00°	17272	18654
55.00°	12926	14547
65.00°	7202	8701
75.00°	3412	4058
85.00°	2529	3937

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	41
10° - 20°	109
20° - 30°	162
30° - 40°	188
40° - 50°	178
50° - 60°	129
60° - 70°	63
70° - 80°	21
80° - 90°	6

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	150	17%
0° - 30°	312	35%
0° - 40°	500	56%
0° - 60°	806	90%
0° - 80°	890	99%
0° - 90°	896	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	11.3 fc	13.3 ft	13.6 ft
8.0 ft	6.4 fc	17.7 ft	18.1 ft
10.0 ft	4.1 fc	22.1 ft	22.6 ft
12.0 ft	2.8 fc	26.6 ft	27.2 ft
14.0 ft	2.1 fc	31.0 ft	31.7 ft
16.0 ft	1.6 fc	35.4 ft	36.2 ft
18.0 ft	1.3 fc	39.8 ft	40.7 ft
20.0 ft	1.0 fc	44.3 ft	45.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

ρf pc pw	80%				70%				20%				30%				10%				0%
	70%	50%	30%	10%	70%	50%	30%	10%	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	102	102	100	0%
1	111	107	103	100	108	105	101	98	100	98	95	96	94	92	93	91	90	88	88	88	0%
2	102	95	89	84	100	93	88	83	90	85	81	87	83	80	84	81	78	76	76	76	0%
3	94	85	78	72	92	83	77	71	81	75	70	78	73	69	75	71	68	66	66	66	0%
4	87	76	68	62	85	75	68	62	73	66	61	70	65	60	68	63	60	58	58	58	0%
5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	53	51	51	51	0%
6	75	62	54	48	73	61	54	48	60	53	48	58	52	47	57	51	47	45	45	45	0%
7	69	57	49	43	68	56	48	43	55	48	43	53	47	42	52	46	42	40	40	40	0%
8	65	52	44	39	63	52	44	39	50	43	38	49	43	38	48	42	38	36	36	36	0%
9	61	48	40	35	59	47	40	35	46	40	35	45	39	35	44	39	35	33	33	33	0%
10	57	44	37	32	56	44	37	32	43	36	32	42	36	32	41	36	32	30	30	30	0%