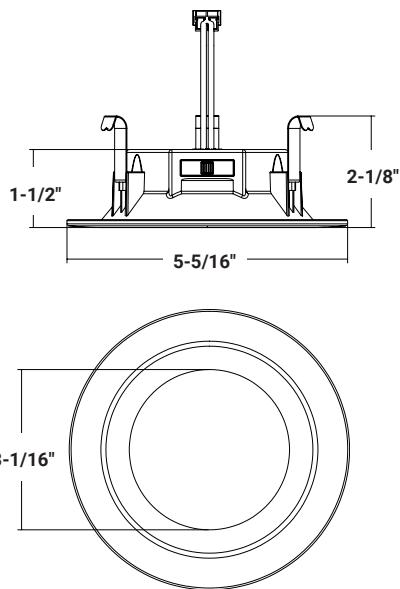




EASY 5 COLORS
SELECTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



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



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700L	682L	7.1W

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

FEATURES

UPGRADE BEYOND CONVENIENCE

This 4" retrofit downlight takes retrofit and new construction projects beyond convenience for versatile, effective, and stunning illumination. A compact profile and smooth reflector make for a glare-free, modern look and accommodates low plenum spaces and shallow housing options. Pre-installed 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 700L and compatible with 4" IC and non-IC rated housings.

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

LUMENS	700L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	4-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIMTR - 10% 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
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 smooth reflector for gentle, low glare, illumination.

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

Available in 700L. 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 4" recessed housing options.

OPTIONS & ACCESSORIES

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

- **O-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 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).

REL436-700L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH

SERIES	LUMENS	DIMMING	CCT	CRI	FINISH
REL436	700L	DIMTR-120	27K/30K/35K/40K/50K	90	W-WH - White (standard)

GU24SA

ACCESSORIES

GU24SA - Socket for LED Retrofit to GU24



O-EMG-LED-15W-FLEX - 15W Emergency Back up (Remote)

FS-IC-JBOX

COMPATIBLE ELITE LIGHTING HOUSINGS

 IC IC RATED	 IC IC RATED	 IC IC RATED	
LD4IC-AT-DIMTR-120-M - 4" Mini New Construction IC Housing	LD4RIC-DIMTR-120 - 4" Remodel IC Housing	B4IC-AT-W - 4" Incandescent Air-shut IC Housing with WAGO Connector	B4R-AT-W - 4" Incandescent Air-shut Remodel Housing with WAGO Connector
 IC IC RATED	 IC IC RATED	 IC IC RATED	 IC IC RATED
FS-IC-JBOX - 4" New Construction Fire-Rated Junction Box	FS-IC-JBOX-ADJ - 4" New Construction Fire-Rated Round Adjustable Junction Box	CLD4IC-AT-DIMTR-120 - 4" New Construction IC Housing	CLD4RIC-AT-DIMTR-120 - 4" Remodel IC Housing

REL436-700L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: **EL11262479**

INPUT WATTS: **7.1**

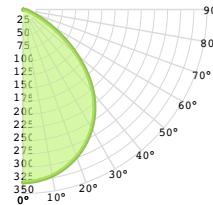
LUMENS: **682**

EFFICACY: **96**

BEAM ANGLE: **94**

SPACING CRITERIA: **1.18**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	329	329
10°	321	324
20°	298	303
30°	261	268
40°	207	217
50°	133	153
60°	59	77
70°	17	23
80°	6	8
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	50091	50091
10°	37159	40219
20°	25049	30361
30°	11660	16027
40°	5895	7384
50°	1503	4508
60°		
70°		
80°		
90°		

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	33
10° - 20°	88
20° - 30°	130
30° - 40°	149
40° - 50°	136
50° - 60°	91
60° - 70°	39
70° - 80°	13
80° - 90°	3

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	121	18%
0° - 30°	251	37%
0° - 40°	400	59%
0° - 60°	626	92%
0° - 80°	678	100%
0° - 90°	681	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°
6.0 ft	9.1 fc	12.8 ft	12.9 ft
8.0 ft	5.1 fc	17.1 ft	17.2 ft
10.0 ft	3.3 fc	21.3 ft	21.5 ft
12.0 ft	2.3 fc	25.6 ft	25.8 ft
14.0 ft	1.7 fc	29.9 ft	30.1 ft
16.0 ft	1.3 fc	34.1 ft	34.4 ft
18.0 ft	1.0 fc	38.4 ft	38.7 ft
20.0 ft	0.8 fc	42.6 ft	43.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

PF PC PW	20%												0%											
	80%				70%				50%				30%				10%				0%			
70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	102	102	102	100	92	90	88		
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	94	92	90	88	82	79	77			
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	73	69	67				
3	95	86	79	74	93	85	78	73	82	76	72	79	74	71	77	73	69	65	61	59				
4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	58	54	52				
5	81	70	62	56	80	69	62	56	67	60	55	59	55	53	53	50	49	49	47	44	42			
6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	49	47	44	44	42	40	38			
7	71	58	50	45	69	58	50	45	56	49	44	55	49	44	44	42	40	40	40	38	36	34		
8	66	54	46	40	64	53	45	40	52	45	40	50	44	40	40	37	33	33	33	33	31			
9	62	49	42	37	60	49	42	37	48	41	36	47	41	36	46	40	40	36	36	34				
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	33	33	33	33	33	31				