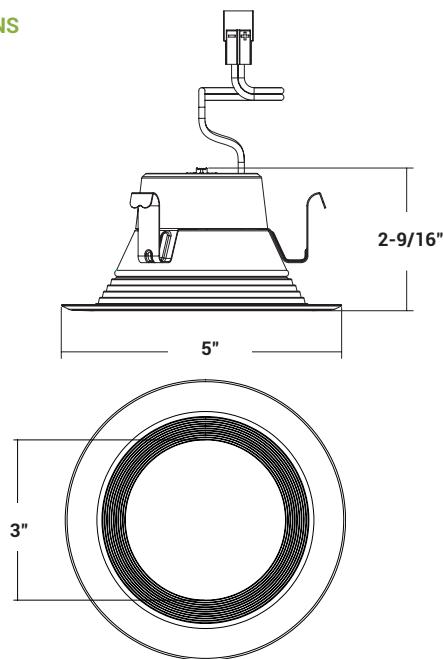




EASY 5 COLORS
SELECTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSIONS



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



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700L	749L	7W
600L	658L	6W
500L	515L	5W

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

FEATURES

UPGRADE TO COMFORT, CONVENIENCE AND LUXURY

This 4" sturdy retrofit downlight facilitates effective, convenient, and elegant illumination. A compact profile and beveled baffle make for a glare-free, modern look and accommodates low plenum spaces and shallow housing options. TRIAC dimming, selectable lumen and CCT allow for variety in ambience. Pre-installed clips and an included E26 base adapter allow for quick and easy installation.

Recess mountable and compatible with 4" IC and non-IC rated housings. Ideal for commercial spaces and high-end residential bedrooms, bathrooms, hallways and more. Wet location suitable.

LUMENS	500L/600L700L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	4-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 smooth regressed frosted polycarbonate lens and beveled baffle for gentle, glare-free, illumination.

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

Available in 500L/600L/700L. CCT factory set to 50K.

CONSTRUCTION

Metal housing and baffle for durability. Fully sealed and gasketed for wet location use.

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.

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).

REL438-500L/600L/700L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH

SERIES	LUMENS	DIMMING	CCT	CRI	FINISH
REL438	500L/600L/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

 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
 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

REL438-500L-600L-700L-DIMTR-27K-30K-35K-40K-50K-90-W-WH(500L)

TEST NO.: **EL01262471**

INPUT WATTS: **4.7**

LUMENS: **519**

EFFICACY: **110**

BEAM ANGLE: **93**

SPACING CRITERIA: **1.17**

CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY				
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°		0°	90°	0.00°	90.00°	0° - 10°	LUMENS	0° - 20°	93	18%		
		-180°	-270°	10°	20°	45.00°	15790	16332	67	0° - 30°	191	37%		
6.0 ft	7.0 fc	12.6 ft	12.5 ft	10°	247	247	45.00°	15790	16332	10° - 20°	67	0° - 30°	191	37%
8.0 ft	4.0 fc	16.8 ft	16.7 ft	20°	228	229	55.00°	11041	11911	20° - 30°	99	0° - 40°	303	58%
10.0 ft	2.5 fc	21.0 ft	20.9 ft	30°	198	200	65.00°	5278	6174	30° - 40°	112	0° - 60°	476	92%
12.0 ft	1.8 fc	25.2 ft	25.1 ft	40°	156	160	75.00°	2419	2952	40° - 50°	102	0° - 80°	517	100%
14.0 ft	1.3 fc	29.4 ft	29.3 ft	50°	103	108	85.00°	678	1287	50° - 60°	70	0° - 90°	519	100%
16.0 ft	1.0 fc	33.6 ft	33.5 ft	60°	47	53	90°	0	0	60° - 70°	31			
18.0 ft	0.8 fc	37.8 ft	37.6 ft	70°	14	16				70° - 80°	10			
20.0 ft	0.6 fc	42.0 ft	41.8 ft	80°	4	4				80° - 90°	2			
				90°	0	0								

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°
-180°	-270°		
6.0 ft	7.0 fc	12.6 ft	12.5 ft
8.0 ft	4.0 fc	16.8 ft	16.7 ft
10.0 ft	2.5 fc	21.0 ft	20.9 ft
12.0 ft	1.8 fc	25.2 ft	25.1 ft
14.0 ft	1.3 fc	29.4 ft	29.3 ft
16.0 ft	1.0 fc	33.6 ft	33.5 ft
18.0 ft	0.8 fc	37.8 ft	37.6 ft
20.0 ft	0.6 fc	42.0 ft	41.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%								0%									
	pc	80%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	100		
1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	90	88	
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	77	
3	95	86	79	74	93	85	78	73	82	76	72	79	74	71	77	73	69	67
4	88	77	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59
5	81	70	62	56	80	69	62	56	67	60	55	65	59	55	63	58	54	52
6	76	64	56	50	74	63	55	50	61	54	49	54	49	45	49	53	49	47
7	71	58	50	45	69	57	50	45	56	49	44	55	49	44	53	48	44	42
8	66	53	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38
9	62	49	42	37	60	49	42	37	48	41	36	47	41	36	46	40	36	34
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	43	37	33	31

REL438-500L-600L-700L-DIMTR-27K-30K-35K-40K-50K-90-W-WH(600L)

TEST NO.: **EL01262471**

INPUT WATTS: **6.0**

LUMENS: **658**

EFFICACY: **110**

BEAM ANGLE: **93**

SPACING CRITERIA: **1.17**

CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY				
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°		0°	90°	0.00°	90.00°	0° - 10°	LUMENS	0° - 20°	117	18%		
		-180°	-270°	10°	20°	45.00°	19996	20872	85	0° - 30°	243	37%		
6.0 ft	8.9 fc	12.6 ft	12.6 ft	10°	321	320	0.00°	27474	27400	10° - 20°	32	0° - 20°	117	18%
8.0 ft	5.0 fc	16.8 ft	16.8 ft	20°	312	313	45.00°	19996	20872	20° - 30°	85	0° - 30°	243	37%
10.0 ft	3.2 fc	21.0 ft	21.0 ft	30°	289	291	55.00°	13984	15209	30° - 40°	125	0° - 40°	385	58%
12.0 ft	2.2 fc	25.2 ft	25.2 ft	40°	251	255	65.00°	6680	7858	40° - 50°	142	0° - 60°	604	92%
14.0 ft	1.6 fc	29.4 ft	29.3 ft	50°	198	204	75.00°	3065	3789	50° - 60°	130	0° - 80°	656	100%
16.0 ft	1.3 fc	33.6 ft	33.5 ft	60°	130	138	85.00°	855	1710	50° - 60°	89	0° - 90°	658	100%
18.0 ft	1.0 fc	37.8 ft	37.7 ft	70°	60	67				60° - 70°	39			
20.0 ft	0.8 fc	42.0 ft	41.9 ft	80°	18	21				70° - 80°	12			
				90°	0	0				80° - 90°	2			

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°
-180°	-270°		
6.0 ft	8.9 fc	12.6 ft	12.6 ft
8.0 ft	5.0 fc	16.8 ft	16.8 ft
10.0 ft	3.2 fc	21.0 ft	21.0 ft
12.0 ft	2.2 fc	25.2 ft	25.2 ft
14.0 ft	1.6 fc	29.4 ft	29.3 ft
16.0 ft	1.4 fc	33.6 ft	33.5 ft
18.0 ft	1.1 fc	37.7 ft	37.7 ft
20.0 ft	0.9 fc	41.9 ft	41.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%								0%							
	pc	80%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	0%
0	366	365	365	365	31235	31247	31247	31247	37	37	37	37	37	37	37	37
1	356	357	357	357	22728	23708	23708	23708	97	97	97	97	97	97	97	97
2	329	332	332	332	15912	17274	17274	17274	143	143	143	143	143	143	143	143
3	285	290	290	290	15912	17274	17274	17274	162	162	162	162	162	162	162	162
4	225	232	232	232	15912	17274	17274	17274	148	148	148	148	148	148	148	148
5	148	156	156	156	963	1877	1877	1877	101	101	101	101	101	101	101	101
6	68	76	76	76	45	57	57	57	45	45	45	45	45	45	45	45
7	20	24	24	24	45	57	57	57	45	45	45	45	45	45	45	45
8	5	6	6	6	40	46	46	46	40	40	40					