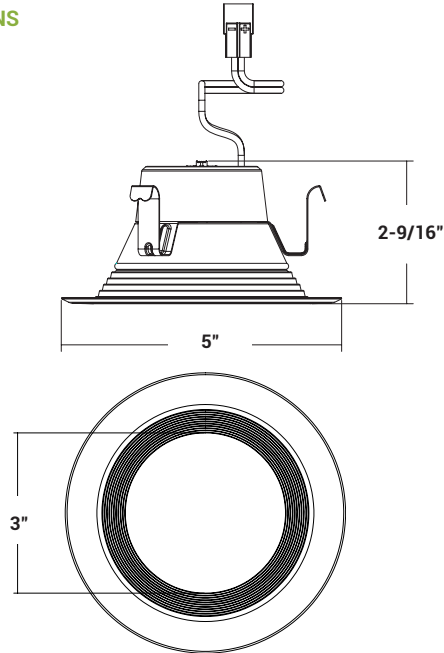




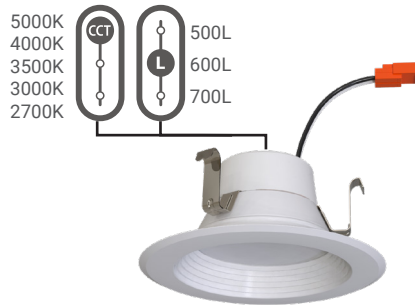
EASY 5 COLORS  
**SELECCTOR**  
2700K • 3000K • 3500K • 4000K • 5000K



## 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 ambiance. 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/600L/700L
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
<b>GU24SA</b> - Socket for LED Retrofit to GU24 
<b>O-EMG-LED-15W-FLEX</b> - 15W Emergency Back up (Remote)

### FS-IC-JBOX

#### COMPATIBLE ELITE LIGHTING HOUSINGS

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

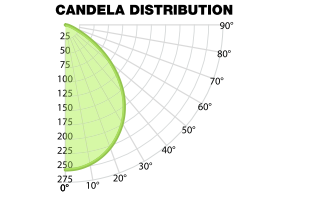
**REL438-500L-600L-700L-DIMTR-27K-30K-35K-40K-50K-90-W-WH(500L)**

TEST NO.: **EL01262471**

INPUT WATTS: **4.7** LUMENS: **519** EFFICACY: **110**

BEAM ANGLE: **93**

SPACING CRITERIA: **1.17**



**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -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

CANDELA TABLE	
0°	90°
0° 253 253	
10° 247 247	
20° 228 229	
30° 198 200	
40° 156 160	
50° 103 108	
60° 47 53	
70° 14 16	
80° 4 4	
90° 0 0	

LUMINANCE (cd/sq.m)	
0.00°	90.00°
0.00° 21687 21638	
45.00° 15790 16332	
55.00° 11041 11911	
65.00° 5278 6174	
75.00° 2419 2952	
85.00° 678 1287	

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	25
10° - 20°	67
20° - 30°	99
30° - 40°	112
40° - 50°	102
50° - 60°	70
60° - 70°	31
70° - 80°	10
80° - 90°	2

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0° - 20°	93	18%
0° - 30°	191	37%
0° - 40°	303	58%
0° - 60°	476	92%
0° - 80°	517	100%
0° - 90°	519	100%

**INDOOR COEFFICIENTS OF UTILIZATION**

pc pw	80%				70%				20%				50%				30%				10%				0%	
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100	100	100			
1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	90	88								
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	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	59	54	49	58	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								

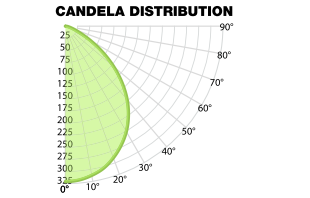
**REL438-500L-600L-700L-DIMTR-27K-30K-35K-40K-50K-90-W-WH(600L)**

TEST NO.: **EL01262471**

INPUT WATTS: **6.0** LUMENS: **658** EFFICACY: **110**

BEAM ANGLE: **93**

SPACING CRITERIA: **1.17**



**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -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	1.3 fc	33.6 ft	33.5 ft
18.0 ft	1.0 fc	37.8 ft	37.7 ft
20.0 ft	0.8 fc	42.0 ft	41.9 ft

CANDELA TABLE	
0°	90°
0° 321 320	
10° 312 313	
20° 289 291	
30° 251 255	
40° 198 204	
50° 130 138	
60° 60 67	
70° 18 21	
80° 5 6	
90° 0 0	

LUMINANCE (cd/sq.m)	
0.00°	90.00°
0.00° 27474 27400	
45.00° 19996 20872	
55.00° 13984 15209	
65.00° 6680 7858	
75.00° 3065 3789	
85.00° 855 1710	

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	32
10° - 20°	85
20° - 30°	125
30° - 40°	142
40° - 50°	130
50° - 60°	89
60° - 70°	39
70° - 80°	12
80° - 90°	2

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0° - 20°	117	18%
0° - 30°	243	37%
0° - 40°	385	58%
0° - 60°	604	92%
0° - 80°	656	100%
0° - 90°	658	100%

**INDOOR COEFFICIENTS OF UTILIZATION**

pf pc pw	80%				70%				20%				50%				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	116	111	111	111	106	106	106	106	102	102	102	102	100				
1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	90	88	88	88	88				
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77	77	77	77				
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4	88	77	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59	59	59	59				
5	81	70	62	56	79	69	62	56	67	60	55	65	59	55	63	58	54	52	52	52	52				
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7	71	58	50	45	69	57	50	45	56	49	44	55	49	44	53	48	44	42	42	42	42				
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9	62	49	42	37	60	49	42	37	48	41	36	47	41	36	46	40	36	34	34	34	34				
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	43	37	33	31	31	31	31				

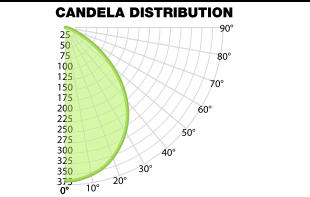
**REL438-500L-600L-700L-DIMTR-27K-30K-35K-40K-50K-90-W-WH(700L)**

TEST NO.: **EL01262471**

INPUT WATTS: **7.0** LUMENS: **749** EFFICACY: **107**

BEAM ANGLE: **93**

SPACING CRITERIA: **1.17**



**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	10.2 fc	12.6 ft	12.6 ft
8.0 ft	5.7 fc	16.8 ft	16.8 ft
10.0 ft	3.7 fc	21.0 ft	21.0 ft
12.0 ft	2.5 fc	25.2 ft	25.2 ft
14.0 ft	1.9 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	37.8 ft	37.7 ft
20.0 ft	0.9 fc	41.9 ft	41.9 ft

CANDELA TABLE	
0°	90°
0° 366 365	
10° 356 357	
20° 329 332	
30° 285 290	
40° 225 232	
50° 148 156	
60° 68 76	
70° 20 24	
80° 5 6	
90° 0 0	

LUMINANCE (cd/sq.m)	
0.00°	90.00°
0.00° 31325 31247	
45.00° 22728 23708	
55.00° 15912 17274	
65.00° 7562 8879	
75.00° 3478 4279	
85.00° 963 1877	

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	37
10° - 20°	97
20° - 30°	143
30° - 40°	162
40° - 50°	148
50° - 60°	101
60° - 70°	45
70° - 80°	14
80° - 90°	3

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0° - 20°	134	18%
0° - 30°	276	37%
0° - 40°	438	58%
0° - 60°	687	92%
0° - 80°	746	100%
0° - 90°	748	100%

**INDOOR COEFFICIENTS OF UTILIZATION**

pf	20%										50%										70%										80%										0%	
	pc		pw		70%		50%		30%		10%		70%		50%		30%		10%		70%		50%		30%		10%		70%		50%		30%		10%		0%					
0	119	119	119	119	116	116	116	116	116	111	111	111	106	106	106	106	102	102	102	102	102	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100					
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3	95	86	79	74	93	85	78	73	82	76	72	79	74	71	77	73	69	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67					
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5	81	70	62	56	80	69	62	56	67	60	55	65	59	55	63	58	54	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52					
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10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	43	37	33	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31						