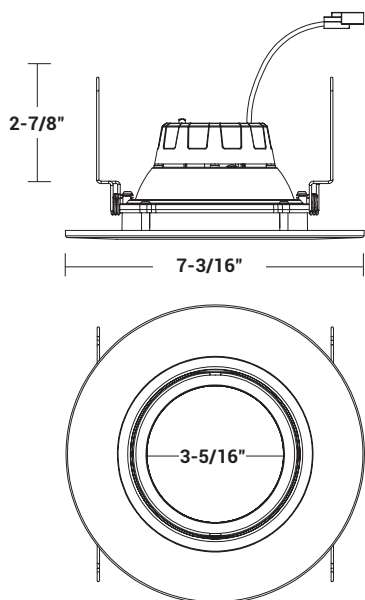




EASY 5 COLORS  
**SELECCTOR**  
2700K • 3000K • 3500K • 4000K • 5000K



## DIMENSIONS



**Recommended Hole Cut-out Size: 6-1/4"**

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1100L	1206L	10W

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

## FEATURES

### ADJUSTABLE, DIRECTIONAL, SLEEK

This versatile 6" gimbal downlight combines sleek, modern design, easy installation and tailored lighting. A 30 ° tilt and 360 ° rotation allow for targeted, directional lighting, while multi-CCT options allow for different moods and atmospheres. E26 adapter base included for ease of installation. Shallow plenum space and sloped ceiling friendly. Ideal for retrofit and new construction applications in both commercial spaces and residential bedrooms, bathrooms, hallways, and more.

TRIAC dimmable and wet location rated.

LUMENS	1100L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIMTR - 1% Triac Dimming at 120V
FINISH	White (W-WH) Standard only
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
DISTRIBUTION	Very wide (100°, 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 frosted polycarbonate lens for smooth, glare-free beam diffusion. A 30° tilt on either side and 360° rotation allow for accent or targeted lighting.

A CRI value of 90 guarantees vibrant, natural color display.

Available in 1100L and 5 selectable color temperatures of 2700K/3000K/3500K/4000K/5000K enable different warm to cool moods and atmospheres.

CCT factory set to 50K.

### CONSTRUCTION

Made from light weight and durable stamped aluminum. A low profile remote driver box ensures the luminaire will fit into low plenum space applications.

Pre-installed friction clips make for easy recessed mounting; an E26 socket adapter allows for easy screw-in installation.

Multi-CCT switch located on back of luminaire.

Wet location rated. Available in a white, scratch and fade resistant finish.

### MAINTENANCE

Fixture can be wiped down with a dry or damp cloth for optimal performance.

### MOUNTING & INSTALLATION

Suitable for recessed mounting in new construction and retrofit applications. Recommended hole cut-out size is 6 1/4".

### 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 - 1% Triac Dimming at 120V.

### WARRANTY

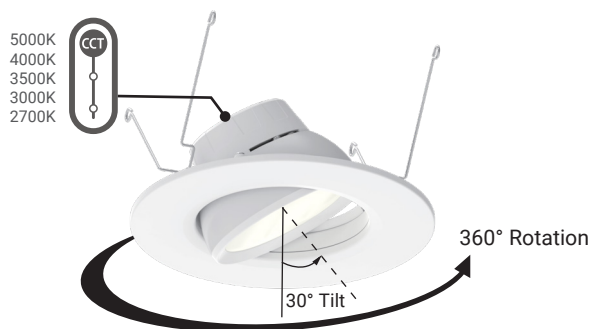
5-year warranty for parts and components (labor not included).

### LISTINGS

ETL listed.  
Energy Star compliant.  
Title 20 and Title 24 compliant.  
Wet location rated.

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

### 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

### 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 NON-IC RATED HOUSING



**LD6R-AT-DIMTR-120**  
Remodel Non-IC Housing

**LD6R-AT**  
6" Remodel Non-IC Housing

Example: **RL662-1100L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH**

RL662									
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	FINISH	OPTION	COMPATIBLE HOUSINGS	
RL662	1100L	DIMTR (Triac)	120V	27K/30K/35K/40K/50K	90	W-WH - White	<b>GU24SA</b> Socket for LED Retrofit to GU24  <b>0-EMG-LED-15W-FLEX</b> 15W Emergency Back up (Remote)	<b>LD6IC</b> - 6" New Construction IC Housing <b>HLD6IC-AT</b> - 6" Architectural New Construction IC Housing <b>LD600IC-AT</b> - 6" New Construction IC Housing <b>CLD6IC-AT-DIMTR-120</b> - 6" New Construction IC Housing with WAGO Connector <b>EZ6IC-AT</b> - 6" Incandescent Socket Air-shut IC Housing with WAGO Connector <b>B6IC-AT-W</b> - 6" Incandescent Air-shut IC Housing with WAGO Connector <b>B6IC-100-AT</b> - 6" Incandescent 100W Air-shut IC Housing with WAGO Connector <b>B600IC-AT-W</b> - 6" Incandescent Universal Single Wall 100W IC Housing with WAGO Connector <b>LD6RIC-AT</b> - 6" Remodel IC Housing <b>HLD6RIC-AT</b> - 6" Architectural Remodel IC Housing <b>EZ6IC-AT</b> - 6" Incandescent Loose Socket Air-shut IC Housing with WAGO Connector <b>B6RIC-AT-W</b> - 6" Incandescent Air-shut IC Remodel Housing with WAGO Connector <b>LD6-AT-DIMTR-120</b> - 6" New Construction Non-IC Housing <b>HLD6-AT</b> - 6" Architectural New Construction Non IC Housing <b>LD6R-AT-DIMTR-120</b> - Remodel Non-IC Housing <b>LD6R-AT</b> - 6" Remodel Non-IC Housing <b>LD5IC</b> - 5 New Construction IC Housing <b>LD5RIC-AT</b> - 5" Remodel IC Housing	

**RL662-1100L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH**

TEST NO.: **EL08192434**

INPUT WATTS: **10.2**

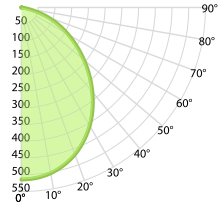
LUMENS: **1206**

EFFICACY: **118**

BEAM ANGLE: **97**

SPACING CRITERIA: **1.18**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	514	514
10°	503	504
20°	467	471
30°	408	414
40°	329	337
50°	244	251
60°	161	168
70°	83	91
80°	11	17
90°	0	0

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

	0.00°	90.00°
0.00°	28184	28184
45.00°	22246	22830
55.00°	19257	19978
65.00°	15834	16606
75.00°	8981	11527
85.00°	270	566

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	51
10° - 20°	137
20° - 30°	202
30° - 40°	231
40° - 50°	222
50° - 60°	182
60° - 70°	123
70° - 80°	52
80° - 90°	4

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0° - 20°	188	16%
0° - 30°	390	32%
0° - 40°	622	52%
0° - 60°	1025	85%
0° - 80°	1201	100%
0° - 90°	1205	100%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	14.3 fc	13.6 ft	13.6 ft
8.0 ft	8.0 fc	18.2 ft	18.2 ft
10.0 ft	5.1 fc	22.7 ft	22.7 ft
12.0 ft	3.6 fc	27.3 ft	27.3 ft
14.0 ft	2.6 fc	31.8 ft	31.8 ft
16.0 ft	2.0 fc	36.4 ft	36.4 ft
18.0 ft	1.6 fc	40.9 ft	40.9 ft
20.0 ft	1.3 fc	45.5 ft	45.5 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

pf	20%																		0%		
pc	80%				70%				50%				30%				10%				0%
0w	70%	50%	30%	10%	70%	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	100			
1	110	106	102	99	107	104	100	97	99	97	94	96	93	91	92	90	89	86			
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74			
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63			
4	85	74	66	59	83	73	65	59	70	64	58	68	62	57	66	61	57	55			
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48			
6	73	60	52	46	71	59	51	45	57	50	45	56	49	45	54	49	44	42			
7	68	55	46	41	66	54	46	40	52	45	40	51	45	40	50	44	40	38			
8	63	50	42	36	62	50	42	36	48	41	36	47	41	36	46	40	36	34			
9	59	46	38	33	58	46	38	33	44	38	33	43	37	33	42	37	32	31			
10	56	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	30	28			