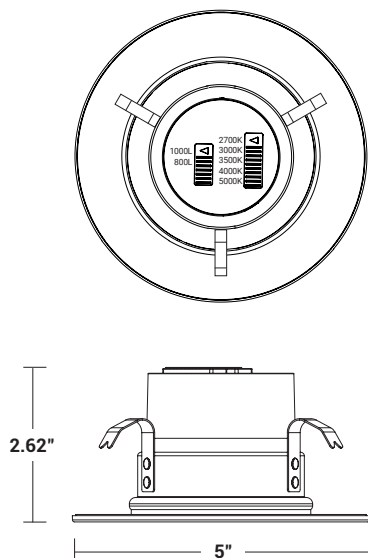




DIMENSIONS



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
800L	864L	9W
1000L	1189L	12W

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

INSTALLATION

Cut hole in ceiling. Insert luminaire into opening by squeezing spring clips on both sides of luminaire. The width in ceiling needed for the driver to fit is 3".

For wet location application, you **MUST** seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements. Installation hole size: 4-1/4"

FEATURES

UPGRADE BEYOND CONVENIENCE

This 4" remodel downlight takes remodel and new construction projects beyond convenience for versatile, effective, and stunning illumination. A sleek, compact profile makes for a universally modern look and accommodates low plenum spaces and shallow housing options. Pre-installed clips, a quick connector and E26 adapter allow for quick and easy installation. TRIAC dimming, 800L/1000L multi-lumen and 5 CCT options allow for efficient but adaptable power and atmosphere. Ideal for retrofit applications in hallways, living spaces, bedrooms, bathrooms, and kitchens in residential spaces, as well as commercial office spaces.

Wet location rated.

LUMENS	800L/1000L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIMTR - 10% Triac Dimming at 120V
BEAM ANGLE	Wide (WD) at 110°
FINISH	White (WH) Standard
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
EMERGENCY	0-EMG-LED-15W-FLEX (Remote)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS

Features a slightly regressed, frosted polycarbonate lens for smooth, glare-free beam diffusion.

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

Available in a selectable lumen package of 800L/1000L and 5 selectable color temperatures of 2700K/3000K/3500K/4000K/5000K to enable different warm to cool moods and atmospheres.

Lumen factory set to 1000L.

CCT factory set to 50K.

CONSTRUCTION

Features lightweight aluminum housing for durability, optimum heat dissipation, and ease of installation. A slim, flat trim design gives the appearance of a slim disk downlight. A low profile remote driver box ensures the luminaire will fit into low plenum space applications.

Pre-installed clips make for easy recessed mounting into retrofit housing; equipped with an E26 base adapter for retrofit installations as easy as changing a lightbulb. Includes quick connector for use with 4" housings.

Multi-lumen and multi-CCT switches located on top of luminaire and can be easily accessed by lowering the luminaire from the ceiling.

Wet location rated. Available in a white finish.

MAINTENANCE

Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

MOUNTING

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

OPTIONS & ACCESSORIES

Available to order separately:

- A variety of IC rated and non IC rated remodel and new construction housings.

- GU24SA socket for LED GU24 retrofit.

- A 15W emergency battery back-up option.

See order chart for details.

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120V-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

DIMTR - 10% Triac dimming at 120V.

WARRANTY

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

LISTINGS

ETL listed.

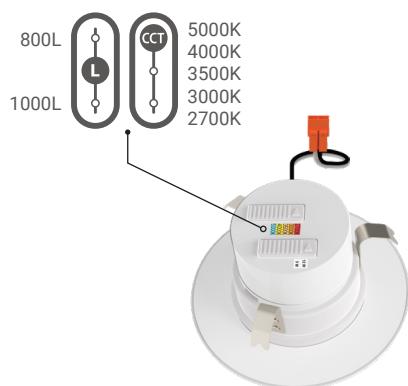
Energy Star compliant.

Title 24 and JA8 compliant.

Wet location rated.

Air-tight, and ready to be in contact with insulation.

MULTI-LUMEN & MULTI-CCT SWITCH



ACCESSORIES

GU24SA

Socket for LED Retrofit to GU24



COMPATIBLE HOUSINGS

NEW CONSTRUCTION IC RATED HOUSING



LD4IC-AT-DIMTR-120-M
4" New Construction IC Housing

HLD4IC-AT-DIMTR-DIM10-MVOLT
4" Architectural New Construction IC housing



B4IC-AT-W
4" Incandescent Air-shut IC Housing with WAGO Connector

CLD4IC-AT-DIMTR-120-M
4" Incandescent New Construction IC Housing

REMODEL IC RATED HOUSING



LD4RIC-AT-DIMTR-120
4" Remodel IC Housing

NEW CONSTRUCTION NON-IC RATED HOUSING



LD4-AT-DIMTR-120
4" New Construcion Non-IC Housing

HLD4-AT
4" Architectural New Construction Housing



B4-AT-W
4" Incandescent Air-shut Housing with WAGO Connector

REMODEL NON-IC RATED HOUSING



LD4R-AT-DIMTR-120
4" Remodel Non-IC Housing

HLD4R-AT
4" Architectural Remodel Non-IC Housing



B4R-AT-W
4" Incandescent Air-shut Remodel Housing with WAGO Connector

Example: **RL483-LED-800L/1000L-DIMTR-120-27K/30K/35K/40K/50K-WH**

RL483-LED						
SERIES	LUMENS	DIMMING	CCT	FINISH	OPTION	COMPATIBLE HOUSINGS
RL483-LED	800L/1000L	DIMTR/120 (Triac-120V)	27K/30K/35K/40K/50K	WH - White	GU24SA Socket for LED Retrofit to GU24 O-EMG-LED-15W-FLEX 15W High Voltage Inverter (Remote)	LD4IC-AT-DIMTR-120-M - 4" New Construction IC Housing HLD4IC-AT-DIMTR-DIM10-MVOLT - 4" Architectural New Construction IC housing B4IC-AT-W - 4" Incandescent Air-shut IC Housing with WAGO Connector CLD4IC-AT-DIMTR-120-M - 4" Incandescent New Construcion IC Housing LD4RIC-AT-DIMTR-120 - 4" Remodel IC Housing B4IC-AT-W - 4" Incandescent Air-Shut Remodel IC Housing with WAGO Connector LD4-AT-DIMTR-120 - 4" New Construcion Non-IC Housing HLD4-AT - 4" Architectural New Construction Housing B4-AT-W - 4" Incandescent Air-shut Housing with WAGO Connector LD4R-AT-DIMTR-120 - 4" Remodel Non-IC Housing HLD4R-AT - 4" Architectural Remodel Non-IC Housing B4R-AT-W - 4" Incandescent Air-shut Remodel Housing with WAGO Connector

RL483-800L-1000L-DIMTR-120-27K-30K-35K-40K-50K-90-WH(800L)

TEST NO.: **EL10082504**

INPUT WATTS: **8.1**

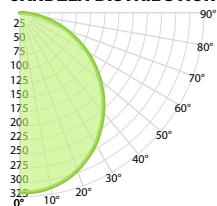
LUMENS: **864**

EFFICACY: **107**

BEAM ANGLE: **108**

SPACING CRITERIA: **1.25**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	317	317
10°	313	315
20°	296	299
30°	267	272
40°	229	234
50°	184	189
60°	136	140
70°	85	88
80°	36	38
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	23866	23866
45.00°	22089	22649
55.00°	21058	21757
65.00°	19642	20408
75.00°	17378	18246
85.00°	12266	13969

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	30
10° - 20°	85
20° - 30°	128
30° - 40°	152
40° - 50°	155
50° - 60°	138
60° - 70°	104
70° - 80°	58
80° - 90°	14

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	115	13%
0° - 30°	243	28%
0° - 40°	395	46%
0° - 60°	688	80%
0° - 80°	850	98%
0° - 90°	864	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	8.8 lx	16.5 m	16.7 m
8.0 m	4.9 lx	22.0 m	22.2 m
10.0 m	3.2 lx	27.5 m	27.8 m
12.0 m	2.2 lx	33.0 m	33.3 m
14.0 m	1.6 lx	38.5 m	38.9 m
16.0 m	1.2 lx	44.0 m	44.4 m
18.0 m	1.0 lx	49.5 m	50.0 m
20.0 m	0.8 lx	55.1 m	55.5 m

INDOOR COEFFICIENTS OF UTILIZATION

		20%																0%
pf																	0%	
pc																	0%	
pw	80%				70%				50%				30%				10%	0%
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	51
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46	56	50	46	44
6	70	57	48	42	68	56	48	41	54	47	41	53	46	41	51	45	40	38
7	65	52	43	37	64	51	43	37	49	42	36	48	41	36	47	41	36	34
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26	25

RL483-800L-1000L-DIMTR-120-27K-30K-35K-40K-50K-90-WH(1000L)

TEST NO.: **EL10082504**

INPUT WATTS: **11.6**

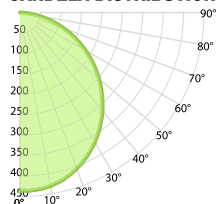
LUMENS: **1189**

EFFICACY: **103**

BEAM ANGLE: **108**

SPACING CRITERIA: **1.24**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	437	437
10°	431	434
20°	406	411
30°	366	373
40°	314	320
50°	252	260
60°	185	192
70°	115	120
80°	48	52
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	32908	32908
45.00°	30220	31064
55.00°	28825	29778
65.00°	26813	27942
75.00°	23535	24731
85.00°	16018	18144

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	41
10° - 20°	117
20° - 30°	176
30° - 40°	209
40° - 50°	213
50° - 60°	190
60° - 70°	143
70° - 80°	80
80° - 90°	19

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	159	13%
0° - 30°	335	28%
0° - 40°	544	46%
0° - 60°	946	80%
0° - 80°	1170	98%
0° - 90°	1189	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	12.1 lx	16.5 m	16.6 m
8.0 m	6.8 lx	21.9 m	22.1 m
10.0 m	4.4 lx	27.4 m	27.7 m
12.0 m	3.0 lx	32.9 m	33.2 m
14.0 m	2.2 lx	38.4 m	38.7 m
16.0 m	1.7 lx	43.9 m	44.3 m
18.0 m	1.3 lx	49.4 m	49.8 m
20.0 m	1.1 lx	54.9 m	55.4 m

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																		0%
pc	80%																		0%
pw	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	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84	
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70	
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59	
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	51	
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6	70	57	48	42	68	56	48	41	54	47	41	53	46	41	51	45	40	38	
7	65	52	43	37	64	51	43	37	49	42	36	48	41	36	47	41	36	34	
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32	30	
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	34	29	27	
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26	25	