GLOBALUX
LIGHTING & FANS

PROJECT	NOTES	TYPE	DATE	CAT. No.

LDL4
LED Disk Light, Low Profile Lens

This series provides customers with a high quality luminaire utilizing the latest LED, solid state lighting and electronic driver technology for optimal performance and maximized energy efficiency. With a traditional opal white lens, the LDL4 series produces even and uniform light distribution and ideal choice for offices, corridors, stairways, bedroom, closet, and foyers applications where customers are replacing incandescent, circline or compact fluorescent lamps. The LED Based LDL4 series is a ceiling or wall mount series which can be used in a broad range of residential and commercial applications.
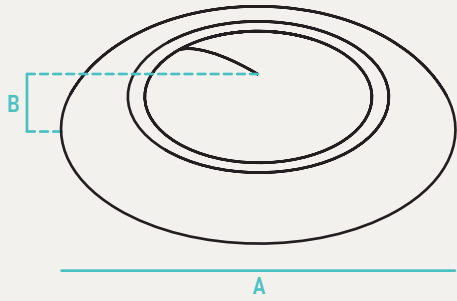
ETL LISTED | **JA8 TITLE 24** | **TRIAC DIMMING** | **ELV DIMMING** | **3YR WARRANTY** | **RoHS COMPLIANT**

INPUT VOLTAGE	120V
INPUT FREQUENCY	60 Hz
RATED WATTAGE	See Performance Data
DELIVERED LUMENS	See Performance Data
EFFICACY	70 LPW (typ.)
CRI	90CRI
AVAILABLE CCT	3000K
LENS TYPE	Plastic

RATED LIFE	30,000hrs (Based on 3hrs a Day)
L70	>50,000hrs
POWER FACTOR	>0.9
THD	N/A
DIMMING	120V Dimming (10-100%)
OPERATING TEMP.	-4°F - 113°F / -20°C to 45°C
BEAM ANGLE	N/A

ORDER INFO / EXAMPLE: LDL4-6-15-120D-930-WH

SERIES	DIAMETER	RATED WATTAGE	DRIVER TYPE	COLOR TEMP	FINISH
LDL3	**6**	**15**	**120D**	**930**	**WH**
LDL4 LED Disk Light, Low Profile Lens	**6-** 6"	**6" Housing** **15-** 15W, 1050 Lumens	**120D-** 120V Dimming, 10-100%	**930-** 3000K, 90+CRI	**WH-** White

OPTIONS / ACCESSORIES
EM-LDL-6-WH Emergency Backup **EMBX-LDL-6-WH** Blank box to match EM unit

PERFORMANCE DATA

FORM FACTOR	KELVIN	RATED WATTAGE	DELIVERED LUMENS	EFFICACY (LM/W)
6"	3000K	15W	1050	70

	A	B	Case QTY
LDL4-6	7.4" Dia	0.9" H	20

QUICK SHIP

LDL4-6-15-120D-930-WH [4]

ADDITIONAL IMAGES

CONSTRUCTION

Aluminum spun reflection with diffusion lens for Optimal visual comfort while providing uniform light output. Lens design and materials provide uniform appearance without pixelation.

ELECTRICAL

Equipped standard with 120V, 10-100% dimming driver.

QUALIFICATIONS

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet location labeling is standard. Emergency equipped fixtures labeled UL924. Suitable for closets according to NEC Section 410.8 & 410.16. Adheres to LM70, LM80 and TM21 industry standards. ENERGY STAR® certified product (for 3000K and 4000K only) and Title 24 qualified. Dedicated 120V Models are FCC Title 47 CFR, Part 15, Class B for residential and commercial applications. California Title 24 Compliant, JA8 compliant. CEC Listed, State of California Energy Commission.

INSTALLATION

6" models are designed for mounting on a 4" electrical J-box. 4" models are designed for mounting on a 3" electrical J-box.

WARRANTY

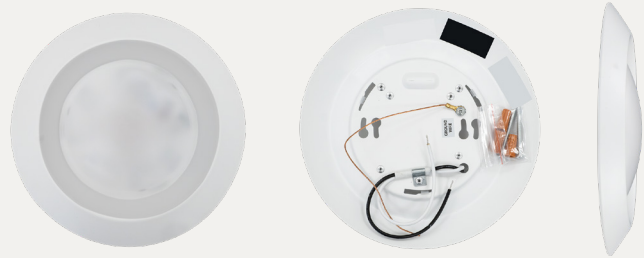5-year Limited Warranty. See warranty documentation for more info.

RECOMMENDED DIMMERS

DVCL-153P (Lutron)

Made to order items. Minimum 90 day lead time.
Minimum order quantity may vary please contact sales.
[1] DLC Listed / [2] DLC Premium Listed / [3] Title 24 / [4] JA8 & Title 24
Typical color consistency. May vary or be changed. L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact GlobaLux for detailed information. Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

COMPATIBLE JUNCTION BOXES

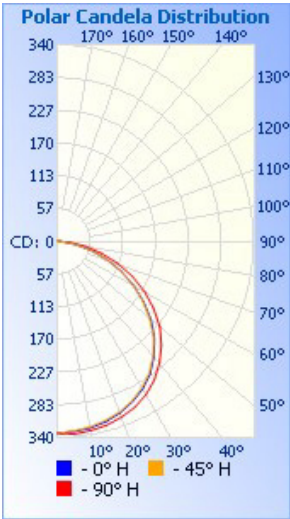| 4" PVC	4" Octagon	4" PVC Ceiling Box	3-1/2" Octagon	4" Round Pancake	4" Octagon / V Bracket

PHOTOMETRIC DATA

RDL-7

Polar Candela Distribution

- ■ - 0° H
- ■ - 45° H
- ■ - 90° H

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	266.3	25.7%	25.7%
0-40	444.5	42.8%	42.9%
0-60	806.5	77.7%	77.8%
60-90	227.7	21.9%	22%
70-100	96.7	9.3%	9.3%
90-120	1.1	0.1%	0.1%
0-90	1,034.2	99.6%	99.7%
90-180	2.7	0.3%	0.3%
0-180	1,036.9	99.9%	100%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.81	.70	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3	.89	.79	.70	.64	.87	.77	.69	.59	.74	.67	.62	.71	.65	.61	.69	.64	.60	.57
4	.82	.69	.60	.54	.79	.68	.60	.51	.66	.58	.52	.63	.57	.52	.61	.55	.51	.49
5	.75	.62	.53	.46	.73	.61	.52	.44	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6	.69	.56	.46	.40	.67	.55	.46	.38	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7	.64	.50	.41	.35	.62	.49	.41	.34	.48	.40	.35	.46	.40	.34	.45	.39	.34	.32
8	.60	.46	.37	.31	.58	.45	.37	.30	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9	.56	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10	.52	.39	.31	.25	.51	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23