Lumination

CUSTOMER NAME _____
Project Name_____
Date _____ Type_____
Catalog Number _____

Eco Disk
Downlight

The Lumination Eco Disk is an affordable surface mount. The LDED is available in 4" or 6" round apertures with selectable CCT and universal voltage that can be installed onto most standard J-Boxes for new construction applications or retrofitted into exisiting housings.

Construction

Housing:	Aluminum and polycarbonate
Lens:	Non-conductive polycarbonate
Paint:	Powder coat painted (White)
Weight:	LDED R4 - 0.6lb (0.272kg) LDED R6 - 0.7lb (0.317kg)
Optical Assembly:	Custom engineered lens for wide beam distribution

Optical System

Lumens:	600 - 1000
Distribution:	Very Wide (90°)
Efficacy:	Up to 87 LPW
CCT:	Selectable (2700K/3000K/3500K/4000K)
CRI:	90CRI, R9 >50

Electrical

Input Voltage:	120–277V
Input Frequency:	50/60Hz
Power Factor (PF)*:	>90%*
Total Harmonic Distortion (THD)*:	<20%*
Dimming Control	Phase Dimming (TRIAC/ELV), 5%
Wattage	8W (4"), 12W (6")

* PF and THD may vary with options

Controls

Dimming:	Phase Dimming (TRIAC/ELV), 5%

Ambient Temperature

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	−10°C to +40°C (14°F to 104°F)

Lumen Maintenance

LXX(10K) @ Hours 54,000 HR
L70

Mounting

- Retrofit to existing 4", 5", 6" recessed housings
- Direct install to $3^1/_2$" and 4" octagonal and round J-Box with a minimum $1^1/_2$" depth
- Keyholes for screw mount

Design Life & Warranty

- Class 2 high-efficiency LED driver
- Suitable for wet locations
- IC-rated
- 5 year warranty

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Ordering Information
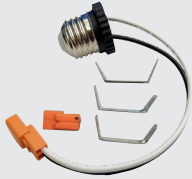
LDED		R4		9	SW		PH

FAMILY	SHAPE/SIZE	LUMEN OUTPUT	CRI	CCT	DIMMING
LDED = Lumination Downlight Eco Disks	**R4** 4" Round Downlight	**07** 700lm	**9** = 90+ CRI	**SW** = Selectable 2700K/3000K/3500K/4000K	**PH** = 120 TRIAC/ELV 5% Dimming
	R6 6" Round Downlight	**10** 1,000lm			

Lumen Data

MODEL	CATALOG NUMBER	WATTS	DELIVERED LUMENS			
			2700K	3000K	3500K	4000K
LDED 4"	LDEDR4079SWPH	8.2	670	690	700	710
LDED 6"	LDEDR6109SWPH	11.5	940	950	960	960

Accessories

|	SKU	SPECS	
	93307567	4" Retrofit Accessory Kit	For retrofit installation onto 4" nominal recessed cans. Accessory kit includes Medium Base E26 socket with Quick-Link connector and friction springs.
	93307568	6" Retrofit Accessory Kit	For retrofit installation onto 5" or 6" nominal recessed cans. Accessory kit includes Medium Base E26 socket with Quick-Link connector and torsion springs.

Current

LED.com

LUM_IND682_EcoDisk_Spec_R02

Product Dimensions
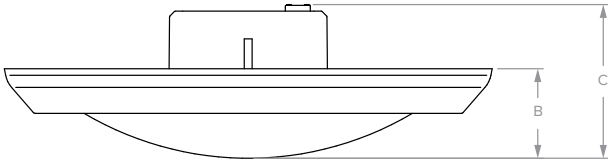
MODEL	DIMENSIONS IN (mm)		
	A	**B**	**C**
LDED 4"	5.51" (140mm)	1.15" (29.2mm)	2.11" (53.7mm)
LDED 6"	7.32" (186mm)	1.34" (34.1mm)	2.31" (58.6mm)
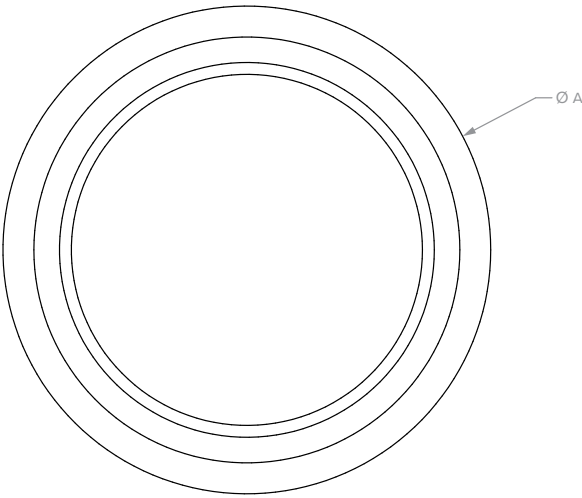
Photometric Data

4" Round LDED
3500K
700 LM
LDEDR4079SWPH
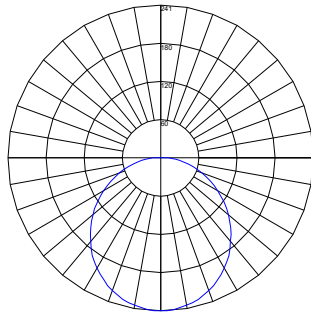
ZONE	LUMENS
0–10	22.71
10–20	64.87
20–30	97.70
30–40	117.01
40–50	120.27
50–60	108.97
60–70	85.59
70–80	55.70
80–90	26.15

6" Round LDED
3500K
1000 LM
LDEDR6109SWPH
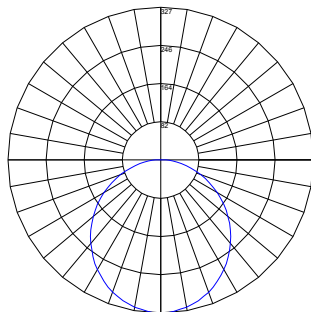
ZONE	LUMENS
0–10	30.88
10–20	87.99
20–30	132.35
30–40	158.2
40–50	163.17
50–60	147.34
60–70	114.68
70–80	71.75
80–90	29.36

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Dimmer Compatibility List

Important Notice

Because dimming equipment, applications, and conditions of use are many, varied, and beyond Current's control, this information necessarily is based on limited samples sizes and testing. This list only included dimmers that have been tested with the Current's luminaires listed. There may be other dimmers on the market that are compatible with these Current's luminaires. If you have a question about a particular dimmer that is not on the list, please contact Current to see if the model has been tested, or to arrange testing.

1. Adjust the dimmer to the lowest setting.
2. Locate the trim adjustment and set to the lowest light level where the light output is stable.
3. Turn fixture off and on to ensure proper operation. If it is not operating as expected, adjust the trim up slightly and retest.

DIMMER BRAND	MODEL NUMBER	DIMMER TYPE
Lutron	Diva DVCL-153P	Phase Cut
Lutron	Nova T NTLV-600	Phase Cut
Lutron	Nova N-600	Phase Cut
Leviton	Decora SureSlide 6672-1LW	Phase Cut
Leviton	Renoir II AWSMT-EAW	Phase Cut