DISCO

LED COMMERCIAL DOWNLIGHT

Surface Mount Downlight | 5", 7", 9", 12", 15" Round

The DISCO Series offers an ideal lighting solution for seamless transitions within the home. Available in five sizes and wattages, this elegant fixture provides versatile color temperatures ranging from warm 2700K to bright 5000K, perfect for setting the desired mood for any occasion. Elevate living spaces with the DISCO Series, delivering beautiful and adaptable lighting that transforms the ambiance of any environment.
Applications: Offices | Residential | Washrooms | Shopping Center

👆 DYNAMIC MENU

Install Instruction link

SPECIFICATIONS

Input Voltage	120-277V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming Page 3	0-10V dimming (down to 10%)
CRI	90 CRI
CCT	27K 30K 35K 40K 50K
Efficacy	~80-85 LPW

Size (inches)	5"	7"	9"	12"	15"
Power (W)	9	14	17	21	25

Ambient Temperature Range	-20˚C to 45˚C
Finish	Black | White
Mounting	Surface mount to Junction
Distribution	120°

PRODUCT FEATURES

CCT SWITCHABLE | Wet Rated | IP20

PRODUCT CERTIFICATIONS

5 YEARS WARRANTY eralux | RoHS | UL CERTIFIED LOOK FOR THE UL MARK FOR DETAILS | ENERGY STAR | JA8 TITLE 24

SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L85 at 50,000 hours

Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25˚C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

DISCO

eralux®

## LED COMMERCIAL DOWNLIGHT
Surface Mount Downlight | 5", 7", 9", 12", 15" Round

ORDERING GUIDE

AE-DL-DS		UV	PXX	

AE-DL-DS	**-5 | -9W**	**UV**	**PXX**	**-[BLANK]**
ERALUX Disco	5" | 9W | 700 Lm	120-277V	Premium 90 CRI	White
Surface Mount Downlight	**-7 | -14W**			**-BK**
	7" | 14W | 1200 Lm		2700/3000/3500/4000/5000K	Black
	-9 | -17W		CCT Switchable	
	9" | 17W | 1400 Lm			
	-12 | -21W			
	12" | 21W | 1800 Lm			
	-15 | -25W			
	15" | 25W | 2000 Lm			

Fixture Family	**Size | Power**	**Voltage**	**CRI | CCT**	**Finish**

DIMENSIONS
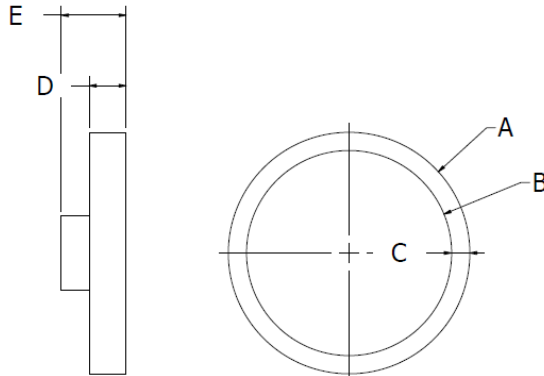
Dimensions					
	AE-DL-DS5-9W	**AE-DL-DS7-14W**	**AE-DL-DS9-17W**	**AE-DL-DS12-21W**	**AE-DL-DS15-25W**
A	∅ 6.14 in	∅ 7.08 in	∅ 8.85 in	∅ 11.6 in	∅ 14.5 in
B	∅ 4.76 in	∅ 5.66 in	∅ 7.44 in	∅ 10 in	∅ 12.7 in
C	0.68 in	0.71 in	0.7 in	0.78 in	0.81 in
D	0.78 in	0.78 in	0.78 in	0.87 in	0.87 in
E	1.92 in	1.88 in	1.88 in	1.97 in	1.9 in

Round Surface Mount Plate, for rigid installation.

Compatible with all sizes.

Screw locations available at 4", 5" & 6" from center.
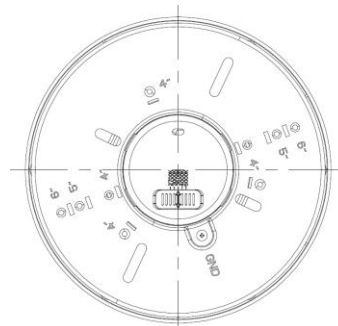
ROOM OCCUPANCY SENSOR

PART NUMBER	DESCRIPTION
AE-CT-DT806	Line Voltage Motion Sensor
RC102	RC102 Remote Control

SPECIFICATIONS		
Input Voltage	120-277 Vac	
Power Frequency	50/60HZ	
Rated Load	At 120 Vac	800W
	At 277 Vac	1200W
Detection Range	3-10 Meters	
	9.8-32.8 Feet	
Standby Power	~0.9W	
Time Setting	10 sec to 30 min	
Light Control	10-2,000LUX	
Installation	Ceiling Mounted	

4.52"

2.16"

3.3"
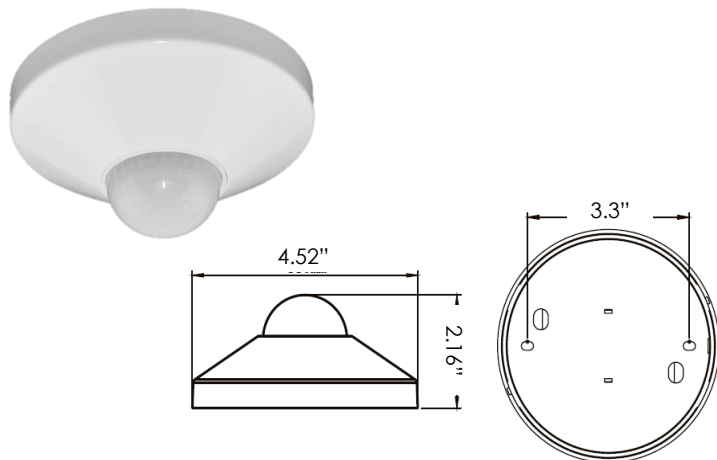
DIMMER COMPATIBLITY LIST

0-10V dimming

Brand	Model
LUTRON	RMJS-8T-DV-B
	Diva DVSTV
	MS-Z101-WH
	DVSTV-WH
	IP710-DLZ
LUXdrive™	A019

LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS					
CCT	2700K	3000K	3500K	4000K	5000K
PREMIUM (90CRI)	0.96	1	1.03	1.06	1.09

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-DL-DS5-9WWUVPXX		Zone	Lumens	% Fixture	**Direct Light**	**Center Beam Fc**	**Beam Width**	
Wattage	9W	0-20°	102.62	13.5		97.7 fc	4.6 ft	4.6 ft
CCT	2700K	0-30°	216.43	28.4		25.9 fc	9.0 ft	8.9 ft
Distribution	120°	0-40°	351.35	46.1		11.3 fc	13.6 ft	13.5 ft
Size	5"	0-60°	609.24	79.9		6.29 fc	18.3 ft	18.1 ft
		0-80°	745.47	97.8		4.1 fc	22.6 ft	22.4 ft
		0-90°	754.76	99		2.82 fc	27.3 ft	27.0 ft

Vert. Spread: 107.5°
Horiz. Spread: 107.0°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-DL-DS7-14WUVPXX		Zone	Lumens	% Fixture	**Direct Light**	**Center Beam Fc**	**Beam Width**	
Wattage	14W	0-20°	165.13	13.3		157 fc	4.7 ft	4.5 ft
CCT	2700K	0-30°	349.44	28.1		41.6 fc	9.1 ft	8.8 ft
Distribution	120°	0-40°	568.89	45.7		18.1 fc	13.8 ft	13.4 ft
Size	7"	0-60°	988.31	79.4		10.1 fc	18.5 ft	17.9 ft
		0-80°	1214.61	97.5		6.58 fc	22.9 ft	22.2 ft
		0-90°	1232.68	99		4.53 fc	27.6 ft	26.7 ft

Vert. Spread: 108.1°
Horiz. Spread: 106.4°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-DL-DS9-17WUVPXX		Zone	Lumens	% Fixture	**Direct Light**	**Center Beam Fc**	**Beam Width**	
Wattage	17W	0-20°	209.8	13.3		199 fc	4.7 ft	4.7 ft
CCT	2700K	0-30°	443	8		52.9 fc	9.0 ft	9.1 ft
Distribution	120°	0-40°	720.03	45.5		23 fc	13.7 ft	13.7 ft
Size	7"	0-60°	1251.62	79.1		12.8 fc	18.4 ft	18.4 ft
		0-80°	1542.59	97.5		8.36 fc	22.7 ft	22.8 ft
		0-90°	1566.04	99		5.76 fc	27.4 ft	27.5 ft

Vert. Spread: 107.8°
Horiz. Spread: 107.9°

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-DL-DS12-21WUVPXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	21W	0-20°	245.39	13.40		233 fc	4.6 ft	4.6 ft
CCT	2700K	0-30°	518.84	28.30		61.8 fc	9.0 ft	8.9 ft
Distribution	120°	0-40°	843.37	46.00		26.9 fc	13.6 ft	13.6 ft
Size	12"	0-60°	1458.71	79.50		15 fc	18.2 ft	18.2 ft
		0-80°	1795.66	97.90		9.77 fc	22.5 ft	22.5 ft
		0-90°	1833.34	100.00		6.73 fc	27.1 ft	27.1 ft

Vert. Spread: 107.2°
Horiz. Spread: 107.2°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-DL-DS15-25WUVPXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	25W	0-20°	270.21	13.30		257 fc	4.6 ft	4.6 ft
CCT	2700K	0-30°	570.01	28.10		68.2 fc	8.9 ft	8.9 ft
Distribution	120°	0-40°	924.98	45.60		29.7 fc	13.6 ft	13.5 ft
Size	15"	0-60°	1601.52	79.00		16.5 fc	18.2 ft	18.1 ft
		0-80°	1982.52	97.80		10.8 fc	22.5 ft	22.4 ft
		0-90°	2027.01	100.00		7.43 fc	27.1 ft	27.0 ft

Vert. Spread: 107.1°
Horiz. Spread: 107.0°

OVERVIEW
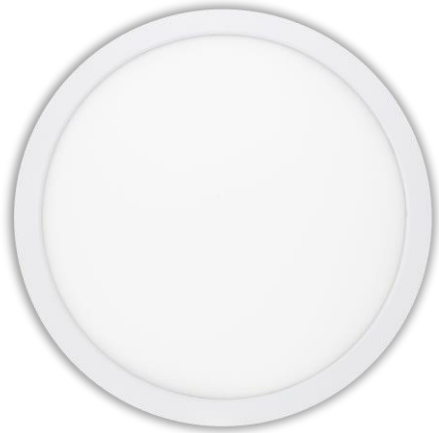
Innovative Design

- Housing made from aluminum for increased rigidity and strength.
- Strong, high-performing design with a sleek, refined finish.

Multiple Options

- 5 distinct sizes each offering a different power output.
- 5 CCT switchable from 2700K to 5000K.
- 0-10V Dimming.

CCT SWITCHABLE

SIZE	LUMENS
5"	700 Lm
7"	1200 Lm
9"	1400 Lm
12"	1800 Lm
15"	2000 Lm

Mountings Available

Surface Mount to a junction box, using a round mounting plate for rigid installation.

Tests And Certifications

5 YEARS WARRANTY eralux · ENERGY STAR · Wet Rated · IP20 · UL CERTIFIED LOOK FOR THE UL MARK FOR DETAILS · RoHS · JA8 TITLE 24