

DOUBLE RING

Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:

A decorative round downlight in brushed metal, DOUBLE RING mounts on the surface or a stem in 12in, 14in and 16in sizes. 20W, 24W or 28W at 80 CRI, with TRIAC dimming and five switchable CCTs from 2700K to 5000K.



Residential

Retail Store

Hospitality

Office



Key Specifications

Electrical

Input voltage	120V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC
Power	20 · 24 · 28W

Optical

Lumen range	1500 – 1960lm
Efficacy	~80lm/W
CRI	80
CCT	Switchable 2700K–5000K
Distribution	120°

Physical

Diameter	Ø 12 · 14 · 16in
Height	2.12in
Mounting	Surface · Stem
Finish	Brushed metal
Ambient	–10°C to 40°C
Application	IP20
Accessories	Stem kit · Sensor

Certifications

Listings	ETL · RoHS
Lumen maintenance	L85 at 50000h

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 thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L85 at 50000h

Rated for 85% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-DL-DR

Catalog #:

01 FIXTURE FAMILY



AE-DL-DR

Double Ring, surface / stem mount decorative downlight

02 SIZE | POWER

12

in

-12-20W

20W · 1500lm

14

in

-14-24W

24W · 1800lm

16

in

-16-28W

28W · 1960lm

03 CRI | CCT

5

CCT

-82750

80 CRI · switchable 2700K · 3000K · 3500K · 4000K · 5000K ¹

04 DIMMING

TRIAC
dimming

-TRIAC

TRIAC dimming

1. One fixture, five CCTs: 2700K, 3000K, 3500K, 4000K and 5000K are switchable. The stem kit is ordered from page 02; the occupancy sensor is on page 06. RC102 remote control for the occupancy sensor; part number to be confirmed.

Accessory Ordering Guide

Stem Kit

[RESET](#)

AE-DL-RG/DR

Catalog #:

01 ACCESSORY FAMILY



AE-DL-RG/DR

Ring / Double Ring accessory

02 ACCESSORY

STEM
kit

-STEM-KIT

Stem mount kit

03 FINISH



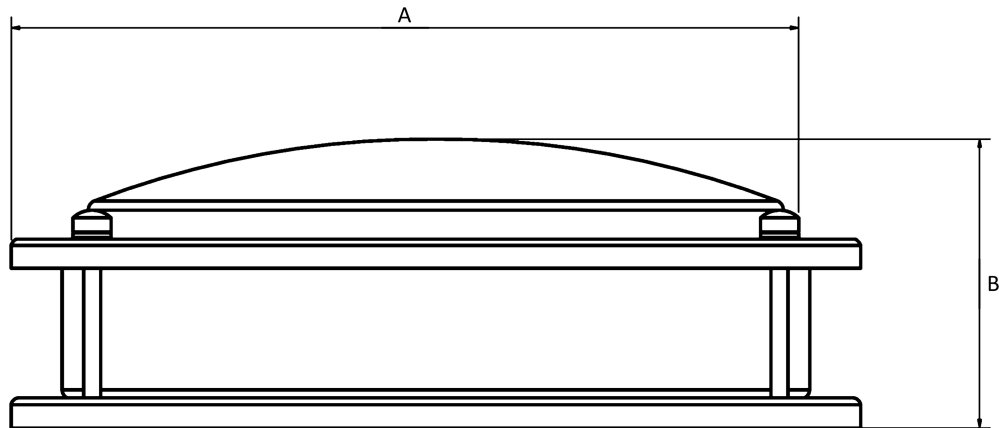
-SV

Brushed nickel

Accessories are ordered separately and field installed. Stem kit dimensions are on page 04; the occupancy sensor and the dimmer list are on page 06. RC102 remote control for the occupancy sensor; part number to be confirmed.

Dimensions

All dimensions in inches.



Fixture

A = diameter · B = height; values by size in the table below

Dimensions by Size

	AE-DL-DR-12-16W	AE-DL-DR-14-20W	AE-DL-DR-16-28W
A	Ø 12in	Ø 14in	Ø 16in
B	2.12in	2.12in	2.12in

Mounting & Installation

Mounting	Surface mount · Stem mount
Stem kit	Ordered separately, page 02

Features

Multiple Options

- 3 distinct sizes each offering a different power output
- 5 CCT switchable from 2700K to 5000K.

Innovative Design

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

Mounting Available

- Surface Mount
- Stem Mount

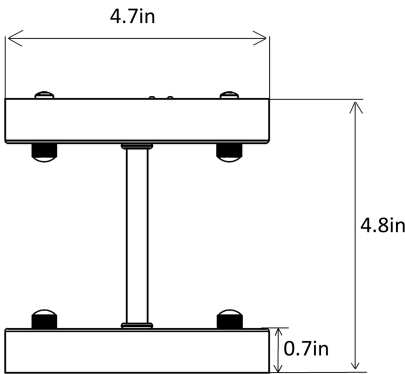
Installation: [Install Instruction DOUBLE RING](#) · [Install Instruction DOUBLE RING Stem Mount](#)

Accessory Dimensions

Stem Kit

AE-DL-RG/DR-STEM-KIT-SV

Stem kit, brushed nickel



Stem kit

Canopy, stem and fixture plate - dimensions in inches



Installed

Double Ring on the stem kit

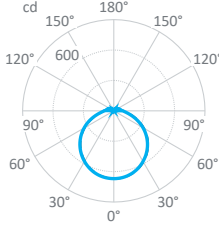
All dimensions in inches. Accessories are ordered separately and field installed.

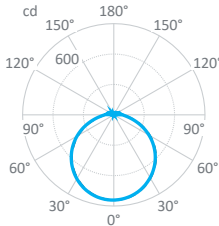
Photometric Data

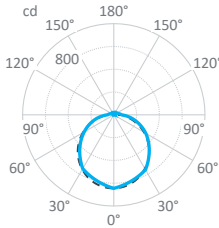
Lumen Estimate Adjustment Factors

2700K × 0.96 3000K × 1 3500K × 1.03 4000K × 1.06 5000K × 1.09

Factors for PREMIUM (90CRI). Lumen output varies based on CCT and CRI; multiply by the factor for the CCT selected.

AE-DL-DR-12-20W-82750-TRIAC				cd	DISTANCE			
12" · 20W	ZONE	LUMENS	% FIXTURE		CENTER Fc		BEAM WIDTH	
	0-20°	163.97	10.29		1.7ft	154	5.9ft	5.9ft
Wattage	19.9W	0-40°	577.72		3.3ft	41.0	11.5ft	11.5ft
CCT	2700K	0-60°	1049.57		5.0ft	17.8	17.4ft	17.5ft
Distribution	120°	0-80°	1371.18		6.7ft	9.94	23.3ft	23.4ft
	0-90°	1455.02	91.35		8.3ft	6.48	28.8ft	29.0ft
	0-180°	1592.73	100.00		10.0ft	4.46	34.8ft	34.9ft
					Vert. spread			120.2°
					Horiz. spread			120.4°

AE-DL-DR-14-24W-82750-TRIAC				cd	DISTANCE			
14" · 24W	ZONE	LUMENS	% FIXTURE		CENTER Fc		BEAM WIDTH	
	0-20°	205.73	10.83		1.7ft	194	5.7ft	5.7ft
Wattage	23.3W	0-40°	723.10		3.3ft	51.5	11.0ft	11.0ft
CCT	2700K	0-60°	1305.67		5.0ft	22.4	16.7ft	16.7ft
Distribution	118°	0-80°	1685.66		6.7ft	12.5	22.4ft	22.4ft
	0-90°	1772.29	93.27		8.3ft	8.14	27.8ft	27.7ft
	0-180°	1900.13	100.00		10.0ft	5.61	33.5ft	33.4ft
					Vert. spread			118.3°
					Horiz. spread			118.2°

AE-DL-DR-16-28W-82750-TRIAC				cd	DISTANCE			
16" · 28W	ZONE	LUMENS	% FIXTURE		CENTER Fc		BEAM WIDTH	
	0-20°	230.18	10.56		1.7ft	223	5.6ft	5.6ft
Wattage	28.6W	0-40°	807.83		3.3ft	59.2	10.8ft	10.8ft
CCT	2700K	0-60°	1454.59		5.0ft	25.8	16.4ft	16.4ft
Distribution	117°	0-80°	1899.98		6.7ft	14.4	22.0ft	22.0ft
	0-90°	2007.75	92.14		8.3ft	9.36	27.3ft	27.3ft
	0-180°	2178.93	100.00		10.0ft	6.45	32.9ft	32.8ft
					Vert. spread			117.4°
					Horiz. spread			117.3°

Sensor & Dimming

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 Detecta AE-CT-DT806	PIR Microphonics	9.8–32.75ft	IR remote	On/Off	Ceiling · no power pack
Remote control RC102					

Please refer to spec sheet for exact specifications for all items above.

Dimmer List

Dimmer Compatibility — TRIAC

Lutron	S-600PR-WH · CTCL-153PR-WH · DVWCL-153PH-WH · DVCL-153PR-BL · TG600PR-LA · TGCL-153PH-WH
	CT600P-WH
Leviton	6631-1LW · 6674-POT · 6672-1LW · 6683-IW

Compatibility verified by Eralux at time of publication. For dimmers not listed, contact the factory.