

OVA

OVA is a slim 0.96in-high disk downlight that mounts straight to a junction box, or retrofits into a recessed can with a kit. 4in or 6in, 10W or 15W at 90 CRI, TRIAC dimming and five switchable CCTs from 2700K to 5000K.

Office

Retail Store

Hotel

Restaurant

Home Interior

Library



Key Specifications

Electrical

Input voltage	120V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC
Power	10 · 15W

Optical

Lumen range	900 – 1350lm
Efficacy	~82lm/W
CRI	90
CCT	Switchable 2700K–5000K
Distribution	110°

Physical

Size	4in · 6in
Height	0.96in
Mounting	Junction box · Can retrofit
Finish	White
Housing	Iron, for heat dissipation
Ambient	–20°C to 40°C
Accessories	Can kit · EMBB · Sensor

Certifications

Listings	ETL · RoHS
Lumen maintenance	L70 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

L70 at 50000h

Rated for 70% 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-OV

Catalog #:

01 FIXTURE FAMILY

AE-DL-OV

OVA

02 SIZE | POWER

10

W

-04-10W

4in 10W | 900lm

15

W

-06-15W

6in 15W | 1350lm

03 CCT



-5CCT

CCT Switchable
27/30/35/40/50K

04 CRI

90

CRI

-R90

90CRI

05 FINISH



-WH

White

Accessory available for recessed retrofit into can
Surface mount installation
TRIAC dimming compatibility

Accessory Ordering Guide

OVA CAN

Assembled Catalog Number

[RESET](#)

DL-OV

Catalog #:

01 SIZE

-04-ACC-CAN-KIT

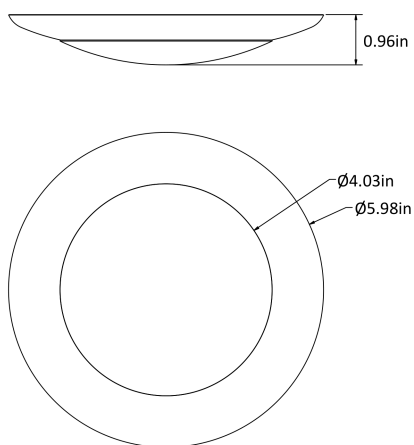
4in retrofit into can

-06-ACC-CAN-KIT

6in retrofit into can

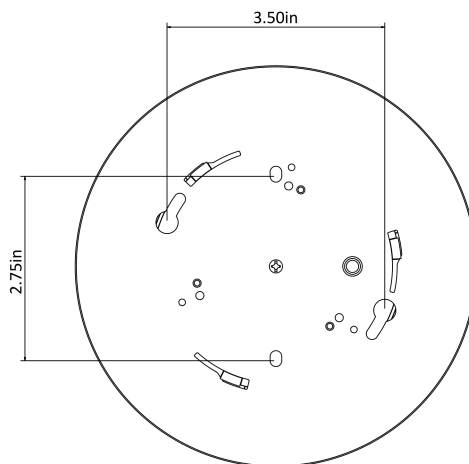
Dimensions

All dimensions in inches.



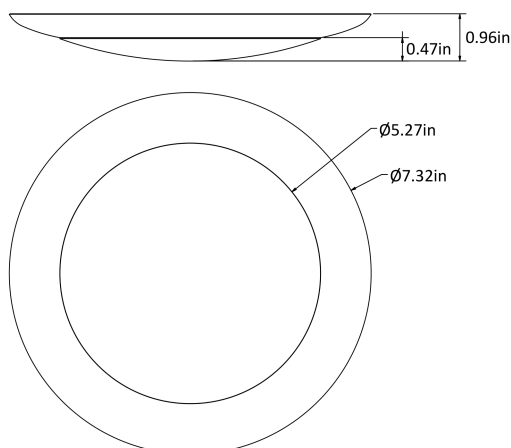
-4-10W Fixture

Ø5.98in · Ø4.03in lens · 0.96in



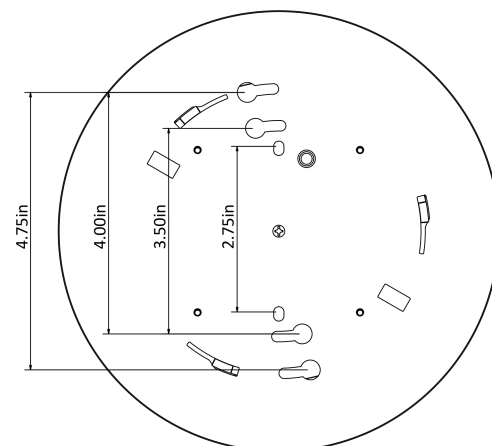
-4-10W Drill position

Junction box 2.75in · 3.50in



-6-15W Fixture

Ø7.32in · Ø5.27in lens · 0.47in / 0.96in



-6-15W Drill position

Junction box 2.75in · 3.50in · 4.00in · 4.75in

Mounting & Installation

Junction box, 4in **2.75in or 3.5in**

Junction box, 6in **2.75 · 3.5 · 4in**

Recessed can **Can retrofit kit, page 02**

Installation instructions: [Install Instruction link](#)

Accessory Dimensions

Can Retrofit Kit

AE-DL-OV-4-ACC-CAN-KIT

3 mounting brackets · E26 base whip

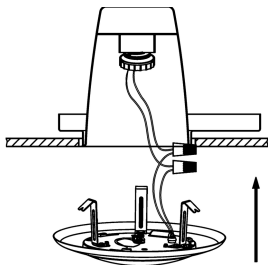
AE-DL-OV-6-ACC-CAN-KIT

2 spring clips · E26 base whip



-4 Parts

3 mounting brackets · E26 base whip



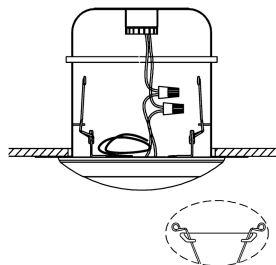
-4 Installation sketch

Retrofit into a 4in can



-6 Parts

2 spring clips · E26 base whip



-6 Installation sketch

Retrofit into a 6in can

Emergency Battery Backup

BLD-HM08D-YYY

Emergency LED driver, 8W

BLD-HM15D-YYY

Emergency LED driver, 15W

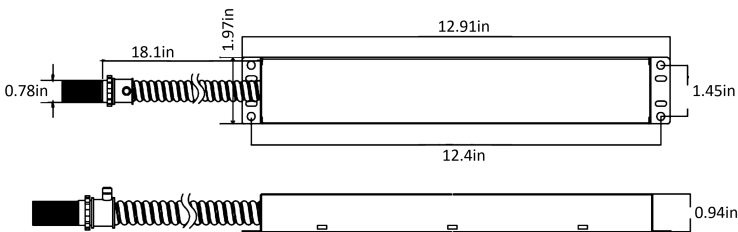
BLD-HM25D-YYY

Emergency LED driver, 25W

Input voltage	100–347V
Power frequency	50/60Hz
Input power	6W max · 12W · 12W
Output voltage	170V DC
Output power	8W · 15W · 25W
Ambient	0°C to 50°C · 30°F to 122°F
Installation	Remote



The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90min of lighting. With an integrated battery, charger, and converter, it delivers 8W, 15W or 25W constant power at 170V DC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.



BLD-HM08D-YYY

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

Photometric Data

Lumen Estimate Adjustment Factors

2700K × **0.97** 3000K × **1** 3500K × **1.03** 4000K × **1.05**

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

Lumen Output by CCT

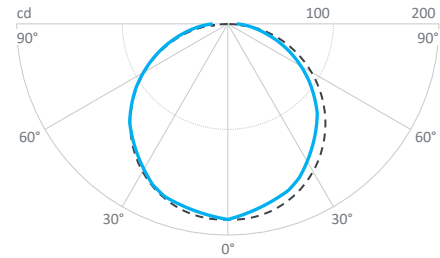
MODEL NUMBER	INPUT VOLTAGE	POWER	BEAM ANGLE	CCT	LUMENS
AE-DL-OV-4-10W-5CCT-R90-WH	120V	10W	110	2700K	820lm
				3000K	830lm
				3500K	900lm
				4000K	850lm
				5000K	830lm
AE-DL-OV-6-15W-5CCT-R90-WH	120V	15W	110	2700K	1230lm
				3000K	1250lm
				3500K	1350lm
				4000K	1300lm
				5000K	1250lm

AE-DL-OV-4-10W-5CCT-R90-WH

4in · 10W

Wattage	9.2W
CCT	3500K
Distribution	117°

ZONE	LUMENS	% FIXTURE
0-20°	67.25	11.78
0-30°	143.70	25.18
0-40°	236.76	41.48
0-60°	427.51	74.90
0-80°	552.27	96.75
0-90°	570.79	100.00

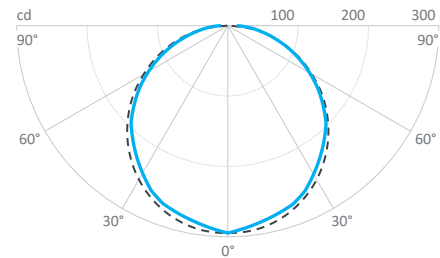


AE-DL-OV-6-15W-5CCT-R90-WH

6in · 15W

Wattage	14W
CCT	3500K
Distribution	114°

ZONE	LUMENS	% FIXTURE
0-20°	105.93	12.25
0-30°	225.25	26.06
0-40°	369.24	42.72
0-60°	659.16	76.26
0-80°	839.94	97.17
0-90°	864.40	100.00



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	SCL-153P · CTCL-153P · DVCL-153P · MACL-153M · MACL-153MR-WH · CL-6674 · TG-600PH-LA
Lutron	CL-6683 · IPLO6 · CL-6672 · MACL-153M · EDV-600P · 153M-ES

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