

INFINITA EVOLVE

Clean and flexible, the 4in INFINITA EVOLVE uses a smooth cone reflector in white or semi diffused finish, with 8/10/11W selectable at 90 CRI. Four switchable CCTs from 3000K to 5000K, 0-10V dimming down to 10%, wet rated.



Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:



Key Specifications

Electrical

Input voltage	120–277V
Power factor	0.9
THD	< 20%
Dimming	0-10V, down to 10%
Power	8 · 10 · 11W selectable

Optical

Lumen range	500–850lm
Efficacy	~63–88lm/W
CRI	90
CCT	Switchable 3000K–5000K
Distribution	90°

Physical

Aperture	4in round
Cut-out	Ø 4.01in
Mounting	New construction · Retrofit
Reflector	White · Semi diffused
Ambient	–20°C to 40°C
Application	Wet rated
Accessories	Frame kit · EMBB

Certifications

Listings	UL (file E511939) · Energy Star
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](#)

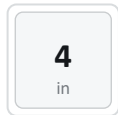
AE-DL-IF

01 **FIXTURE FAMILY**



AE-DL-IF
Infinita Evolve, recessed downlight

02 **SHAPE & SIZE**



-04
4in round

03 **POWER**



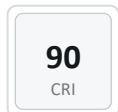
-11W
8 / 10 / 11W · 650 / 750 / 850lm white reflector · 500 / 600 / 700lm matt reflector ¹

04 **CONTROLS**



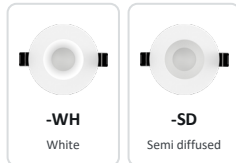
-010
0-10V dimming down to 10%

05 **CRI | CCT**



-P3050
90 CRI · switchable 3000K · 3500K · 4000K · 5000K ²

06 **REFLECTOR FINISH**



1. One fixture, three power settings: 8, 10 or 11W. 2. One fixture, four CCTs: 3000K, 3500K, 4000K and 5000K are switchable. For compatible dimmers, see eralux.com/product/infinita-evolve. Frame kit and emergency battery backup are ordered from page 03.

Accessory Ordering Guide

New Construction Frame Kit

[RESET](#)

AE-DL-FRKT

01	ACCESSORY FAMILY		AE-DL-FRKT New construction universal frame kit
02	SIZE		-04 4in round · Ø 4.50in opening
03	TYPE		-UNV-INF Universal: T-bar or drywall ceiling

Emergency Battery Backup

[RESET](#)

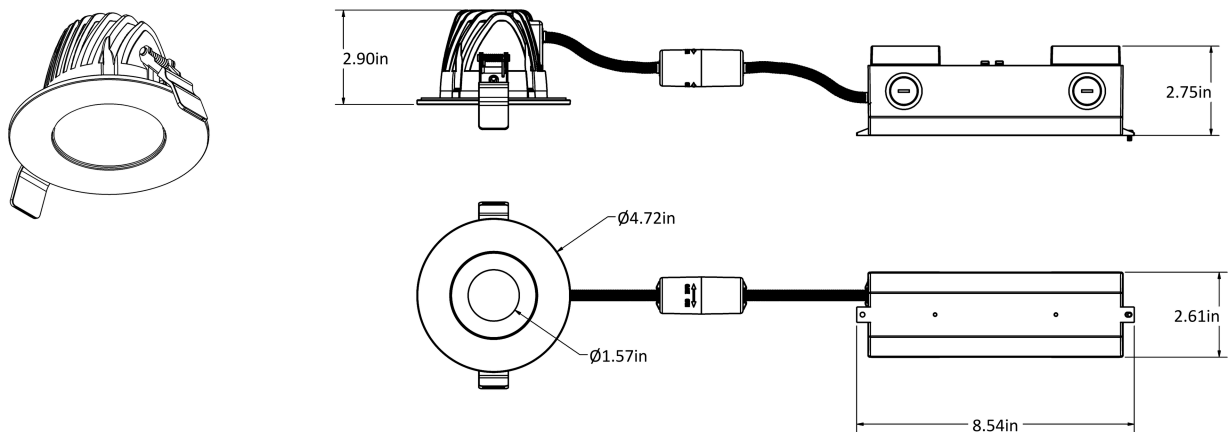
BLD-HM

01	ACCESSORY FAMILY		BLD-HM Emergency LED driver, field or factory installation
02	POWER	08D-YYY 8W output 15D-YYY 15W output 25D-YYY 25W output	

Accessories are ordered separately and field installed. Frame kit and emergency driver dimensions and specifications are on page 04.

Dimensions

All dimensions in inches. Installation instructions: [Install Instruction link](#)



Side · Plan

AE-DL-IF-04-11W-010-P3050-WH · fixture with factory-wired LED driver

Cut-Out & Installation

Ceiling cut-out	Ø 4.01in
Fixing	Stainless steel spring-action clips

Construction

Housing	Aluminum die cast housing
Lens	Highly durable polycarbonate lens
Reflector	Spun aluminum; white, specular and semi-diffused finish; white flange
Finish	White and semi diffused reflector with white flange
Power supply	Factory wired electronic LED driver
LED board	LED array
High-end fixture	Radial engine shape conveniences wire arrangement and reduces engine weight

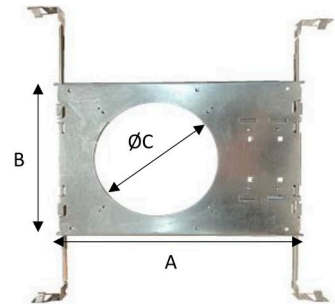
Accessory Dimensions

New Construction Frame Kit

AE-DL-FRKT-04-UNV-INF	Universal frame kit, 4in round
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Accessory Dimensions (continued)

Material	22-gauge galvanized steel
Mounting	T-bar · Drywall ceiling
Ceiling thickness	Up to 1.5in
Length (A)	12.75in
Width (B)	8.63in
Opening (C)	Ø 4.50in

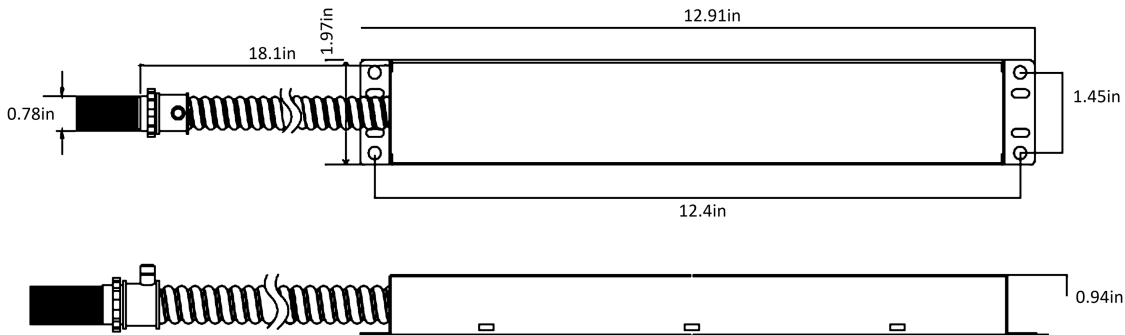


Emergency Battery Backup

BLD-HM08D-YYY	Emergency LED driver, 8W
BLD-HM15D-YYY	Emergency LED driver, 15W
BLD-HM25D-YYY	Emergency LED driver, 25W
Output power	8W · 15W · 25W
Output voltage	170V DC
Emergency runtime	90min
Listing	UL · CA Title 20
Installation	Field or factory



Switches to emergency mode during a power failure and operates the fixture for 90min; battery, charger and converter are in one enclosure. Constant power output, easy wiring.



Single Flex (standard)

BLD-HM08D-YYY · BLD-HM15D-YYY · BLD-HM25D-YYY emergency LED driver

All dimensions in inches (frame kit dimensions from the 4in round kit). 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.

AE-DL-IF-04-11W-P3050-XX
4in · 11W

ZONE	LUMENS	% FIXTURE
0-20°	225.47	26.13
0-30°	422.63	48.98
0-40°	588.11	68.16
0-60°	773.97	89.70
0-80°	851.51	98.68
0-90°	862.87	100.00

