

ARTISTA 347

EVOLVE

One 6in round downlight for retrofit or new construction, rated 120-277V or 347V. Select 12W/1000lm or 17.5W/1500lm and four switchable CCTs from 3000K to 5000K, with 90 CRI and 0-10V dimming down to 10%.



Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:



Key Specifications

Electrical

Input voltage	120-277V · 347V
Power factor	0.9
THD	< 20%
Dimming	0-10V, down to 10%
Power	12 / 17.5W selectable

Optical

Lumen range	12/17.5W - 1000/1500lm
Efficacy	83lm/W
CRI	90
CCT	Switchable 3000K-5000K
Distribution	90°

Physical

Aperture	6in round
Cut-out	Ø 5 ½-7in
Mounting	New construction · Retrofit
Finish	White
Ambient	-20°C to 40°C
Application	Wet rated · IC rated (6in)
Accessories	Frame kit · EMBB

Certifications

Listings	ETL
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-ATE

Catalog #:

01	FIXTURE FAMILY		AE-DL-ATE Artista 347 Evolve, recessed downlight
02	VOLTAGE	CA voltage	-CA 120-277V / 347V · 50/60Hz
03	SHAPE & SIZE	6 in	6 6in round
04	POWER	12/17.5 W	-12-17.5WT 12 / 17.5W · 1000 / 1500lm selectable · 90 CRI ¹
05	CONTROLS	0-10V dimming	-010 0-10V dimming down to 10%
06	CCT	4 CCT	-P30/35/40/50 Switchable 3000K · 3500K · 4000K · 5000K ¹

1. One fixture, two lumen packages and four CCTs: 12W / 1000lm or 17.5W / 1500lm and 3000K, 3500K, 4000K or 5000K are set with the DIP switches on top of the housing. Frame kit and emergency battery backup are ordered from page 03.

Accessory Ordering Guide

New Construction Frame Kit

[RESET](#)

AE-DL-FRKT

Catalog #:

01 ACCESSORY FAMILY



AE-DL-FRKT

New construction frame kit with junction box

02 SIZE



-06

6in round · Ø 6.37in opening

Emergency Battery Backup

[RESET](#)

BLD-HM

Catalog #:

01 ACCESSORY FAMILY



BLD-HM

Emergency LED driver, field or factory installation

02 POWER

08D-YYY

8W output

15D-YYY

15W output

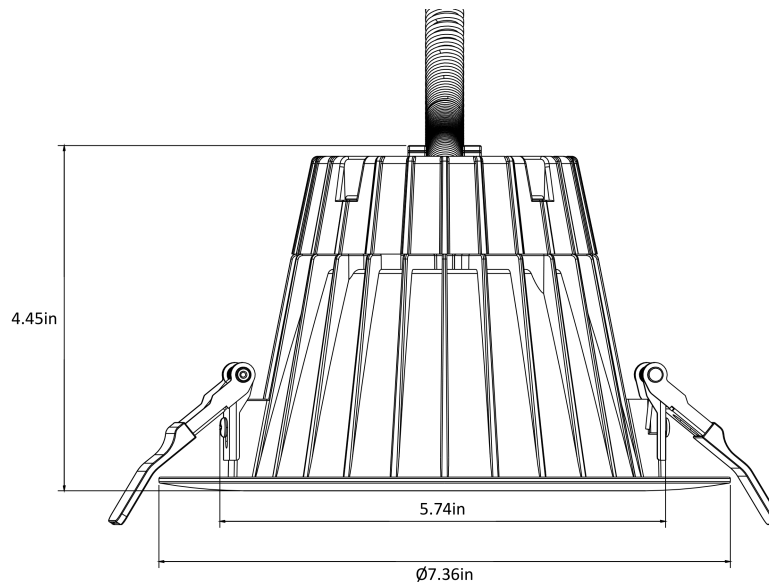
25D-YYY

25W output

Accessories are ordered separately and field installed. Frame kit and emergency driver dimensions and specifications are on page 05.

Dimensions

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



Side

AE-DL-ATE-CA6-12-17.5WT · 6-inch round · stainless steel spring-action clips

Cut-Out & Installation

Ceiling cut-out	Ø 5 ½–7in
Fixing	Spring clips
Weight	0.670kg

Mechanical & Housing

Housing	Aluminum die cast housing
Lens	Highly durable polycarbonate and high transmittance lens
Finish	White powder coat finish
Reflector	Cast aluminum, powder coated, non-yellowing, white baffle and flange
Power supply	Factory wired electronic LED
LED board	Light emitted source
Spring	Stainless steel spring-action clips

Features

Energy-efficient luminaire	High-efficacy output of >75lm/W at 90 CRI
Light flexibility	DIP switches on the housing: two lumen packages, four CCTs 3000K–5000K
Premium design and construction	Aluminum diecast housing · wet location rated · –20 to 40°C
Retrofit or new construction	Spring action clips for retrofit · frame kit for new construction

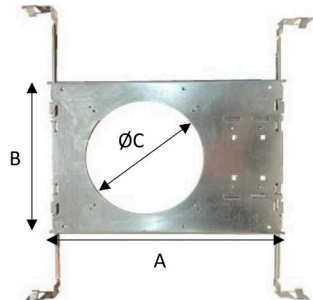
Accessory Dimensions

New Construction Frame Kit

AE-DL-FRKT-06

Frame kit, 6in round

Material	22-gauge galvanized steel
Junction box	Galvanized steel, knockouts
Mounting	T-bar · Drywall ceiling
Ceiling thickness	Up to 1.5in
Length (A)	12.75in
Width (B)	8.63in
Opening (C)	Ø 6.37in



Emergency Battery Backup

BLD-HM08D-YYY

Emergency LED driver, 8W

BLD-HM15D-YYY

Emergency LED driver, 15W

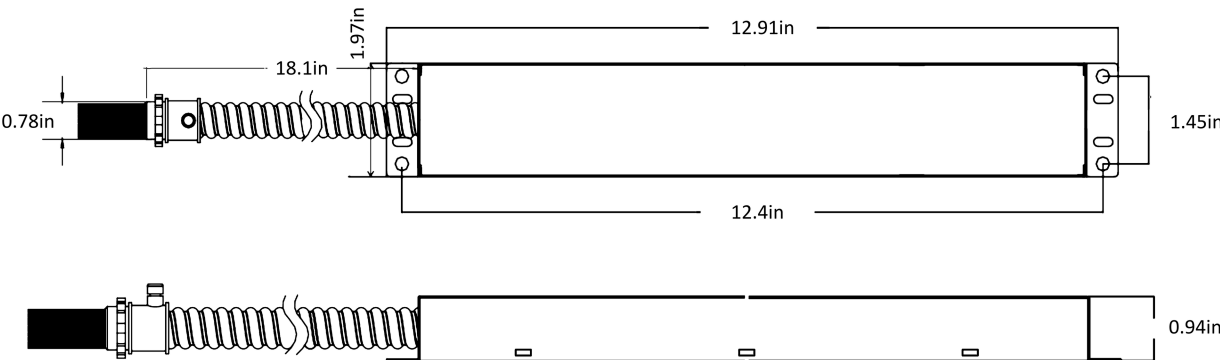
BLD-HM25D-YYY

Emergency LED driver, 25W

Output power	8W · 15W · 25W
LED array load	6–25W
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. For most 0-10V dimmable indoor commercial LED fixtures.



All dimensions in inches (frame kit dimensions from the 6in round kit). Accessories are ordered separately and field installed.

Photometric Data

Lumen Estimate Adjustment Factors

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

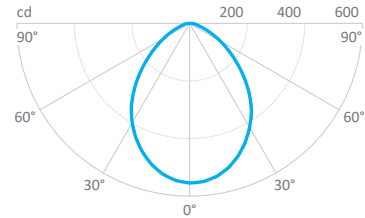
Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT selected.

AE-DL-ATE-CA6-12-17.5WT-010-P30/35/40/50

6in • 12W

Wattage 12W
CCT 3000K

ZONE	LUMENS	% FIXTURE
0-20°	196.45	18.00
0-30°	402.48	36.88
0-40°	628.67	57.61
0-60°	966.25	88.55
0-80°	1078.62	98.84
0-90°	1091.25	100.00



AE-DL-ATE-CA6-12-17.5WT-010-P30/35/40/50

6in • 17.5W

Wattage 16.7W
CCT 3000K

ZONE	LUMENS	% FIXTURE
0-20°	288.89	18.00
0-30°	591.89	36.88
0-40°	924.52	57.61
0-60°	1420.96	88.55
0-80°	1586.20	98.84
0-90°	1604.77	100.00

