

SLIMA SQUARE

A 4-inch square recessed LED wafer downlight with spring-action clips for retrofit and new construction. 9W and 770lm at 90 CRI, with TRIAC dimming and five switchable CCTs from 2700K to 5000K, in a white finish.

Office

Retail Store

Hotel

Restaurant

Home Interior

Library



Key Specifications

Electrical

Input voltage	120V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC
Power	9W

Optical

Lumen output	770lm
Efficacy	~85lm/W
CRI	90
CCT	Switchable 2700K–5000K
Distribution	120°

Physical

Aperture	4in square
Mounting	New construction · Retrofit
Finish	White
Ambient	–20°C to 40°C
Application	IC rated · Wet rated
Accessories	Frame 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-SL

01	FIXTURE FAMILY		AE-DL-SL Slima Series recessed wafer downlight, CCT switchable ¹
02	SIZE		-04 4in square · 9W · 770lm
03	FINISH		-WH White
04	TRIM		-SQ Square trim

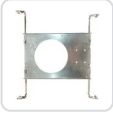
1. One fixture, five CCTs: 2700K, 3000K, 3500K, 4000K and 5000K are switchable. A junction box is included as standard. Frame kit and emergency battery backup are ordered from page 03; the occupancy sensor is on page 06.

Accessory Ordering Guide (ordered separately)

New Construction Frame Kit

[RESET](#)

AE-DL-FRKT

01	ACCESSORY FAMILY		AE-DL-FRKT New construction universal frame kit, round downlights
02	SIZE		-04 4in round · Ø 4.5in opening
03	TYPE		-UNV Universal: T-grid or gypsum ceiling ¹

Emergency Battery Backup

[RESET](#)

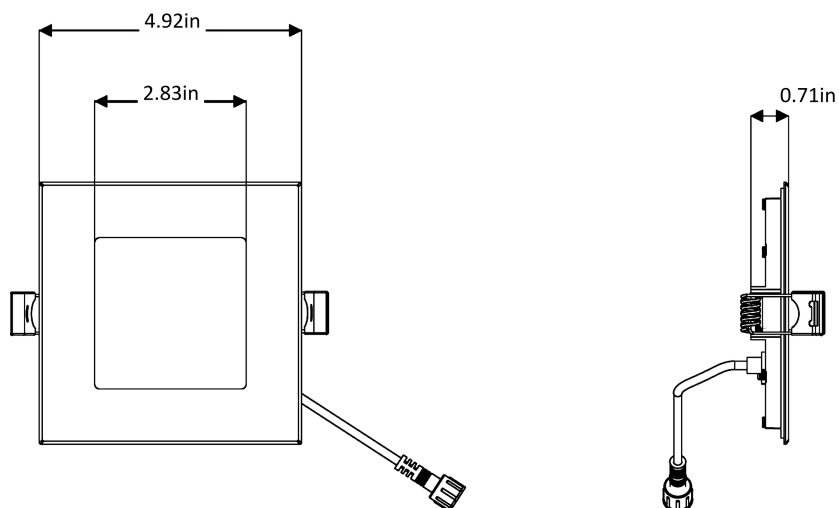
BLD-HM

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

1. Junction box not included with the frame kit; SLIMA Series fixtures come with a junction box by default. Accessories are ordered separately and field installed. Frame kit and emergency driver dimensions and specifications are on page 05; the occupancy sensor and the dimmer list are on page 06.

Dimensions

All dimensions in inches.



Plan · Side

4.92in square trim · 2.83in aperture · 0.71in profile

Cut-Out & Installation

Fixing

Spring clips

Junction box

Included as standard

The slim recessed downlight has a full thickness of just 1in, for a variety of applications where fixture size and weight play a decisive role.

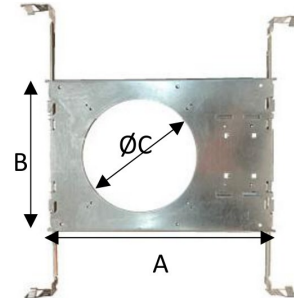
Accessory Dimensions

New Construction Frame Kit

AE-DL-FRKT-04-UNV

Universal frame kit, 4in round · Ø 4.5in opening

Material	22-gauge galvanized steel
Mounting	T-grid · Gypsum ceiling
Ceiling thickness	~1.5in max.
Length (A)	12.75in
Width (B)	8.63in



Emergency LED Driver

BLD-HM08D-YYY

Emergency LED driver, 8W

BLD-HM15D-YYY

Emergency LED driver, 15W

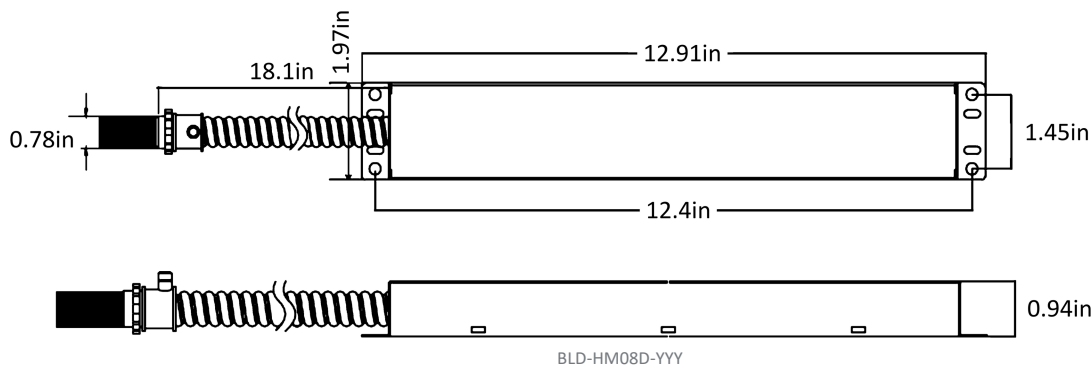
BLD-HM25D-YYY

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.



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**

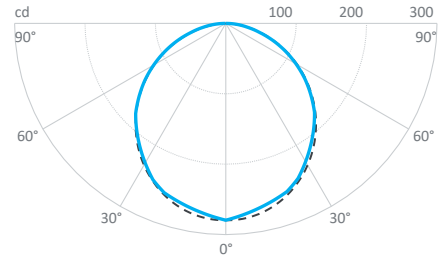
Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT selected.

AE-DL-SL-04-XX

4in · 9W

Wattage **8.4W**
CCT **5000K**
Distribution **109°**
Efficacy **85lm/W**

ZONE	LUMENS	% FIXTURE
0-20°	100.13	13.01
0-30°	211.94	27.54
0-40°	345.06	44.84
0-60°	604.76	78.59
0-80°	752.76	97.82
0-90°	769.54	100.00



Sensor & Dimming

Standalone Sensor

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	
 Detecta AE-CT-DT806	PIR Microphonics	9.8–32.75ft	None	On/Off	Power pack None

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

Dimmer List

Dimmer Compatibility — TRIAC

Models **MACL-153M-ES • MACL-154M-E • TGCL-153P • SCL-153P-1V • MACL-153MR-WH • DVCL-153P**
LEVITON CL-6672 • LEVITON 1PL06 • LEVITON CL-6674 • LEVITON CL-6683 • LEVITON TG-600PH-LA • DV-600P

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