

DUA

LED MULTI-HEADS

MULTI-HEADS



eralux®



The DUA Multi-head provides the elegance and flexibility of multi-heads that set provides the ultimate lighting environments. The DUA series features two possible pairs of light engines ranging from 20W to 50W for the two heads. Each head is powered independently providing a second failure mode. This fixture also comes standard with 0-10V as well as phase dimming enabling the electrician freedom of choice for controls. Further, the spring mechanisms enables a fast installation.

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-DUA- - - -UV - -X -

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-277 Vac
POWER FACTOR	>0.9
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	80 LPW at 90CRI @ 3000K
BEAM ANGLE	15°, 24°, 38°, 55°
DIMMING	0-10V external dimming (Dim down to 10%) Triac Dual dimming
POWER	2X25W 2X20W 2X15W 2X10W

MECHANICAL & HOUSING

HOUSING	Brushed metal
LENS	PMMA and high transmittance lens
FINISH	Brushed metal providing an elegant finish offered in white and black
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	COB

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-10 °C to 40°C
PROTECTION	IP20

COMPATIBLE MOUNTING

MOUNTING Gypse and T-grid with frame kit

WARRANTY

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

LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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ORDERING GUIDE

EXAMPLE: AE-DL-DUA-4-35-24-UV-50W-X

FIXTURE FAMILY	DIMENSION	CCT	BEAM ANGLE	INPUT VOLTAGE	POWER	CONTROLS	FINISH
AE-DL-DUA	-	-	-	-UV	-	-X	-
AE-DL-DUA DUA Series Multi-heads	-3 3 inches (2x10W) (2x15W) Comes with AE-DL-KN-3- SA5	-27 2700K CCT	-15 15° Beam angle	-UV 120-277 V	-20W 20 watts (2X10W) 1,600 lumens	-X 0-10V external dimming & Triac Dual dimming	[LEAVE BLANK] White trim
		-30 3000K CCT	-24 24° Beam angle		30W 30 watts (2X15W) 2,400 lumens		
	-4 4 inches (2x25W) Comes with AE-DL-KN-4- SA3	-35 3500K CCT	-38 38° Beam angle		-40W 40 watts (2X20W) 3,600 lumens		-BKT Black trim
		-40 4000K CCT	-55 55° Beam angle		-50W 50 watts (2X25W) 4,400 lumens		

ACCESSORIES

Ordered separately

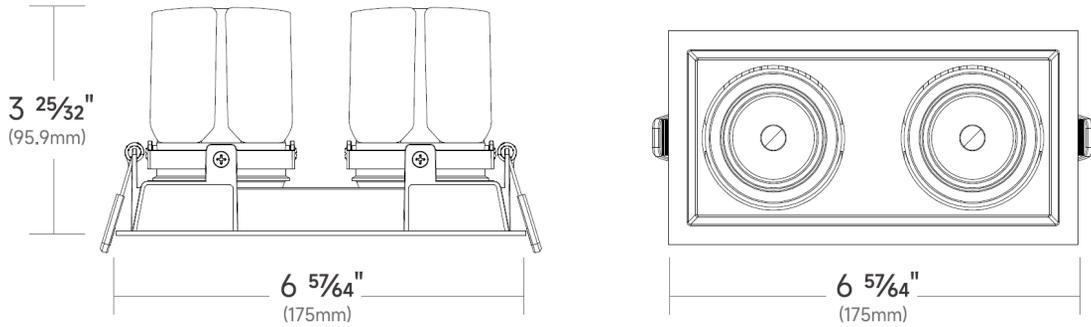
EXAMPLE: AE-DL-FRKT-DUA-3

FIXTURE FAMILY	SERIES	SIZE
AE-DL-FRKT	-DUA	-
AE-DL-FRKT ERALUX Frame kit	-DUA DUA series	-3 Compatible with 3 inches DUA 165mmx80mm Cutout
		-4 Compatible with 4 inches DUA 205mmx95mm Cutout

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PRODUCT DIMENSIONS

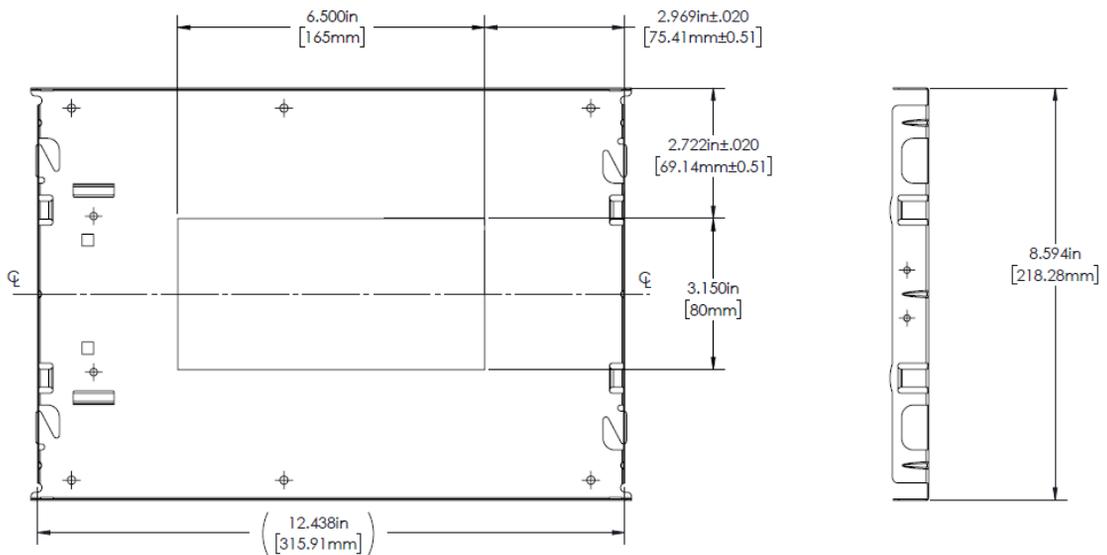
AE-DL-DUA-3



Cut out: 6 1/2" x 3 5/32"
(165x80mm)

AE-DL-FRKT-DUA-3

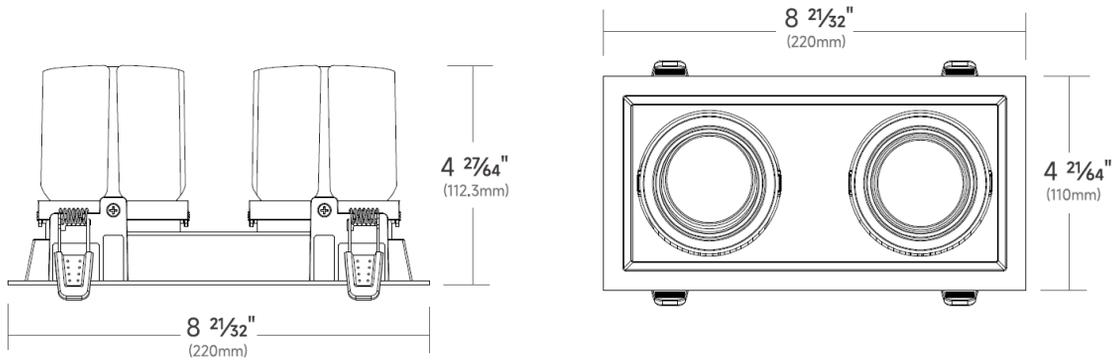
Ordered separately



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PRODUCT DIMENSIONS

AE-DL-DUA-4



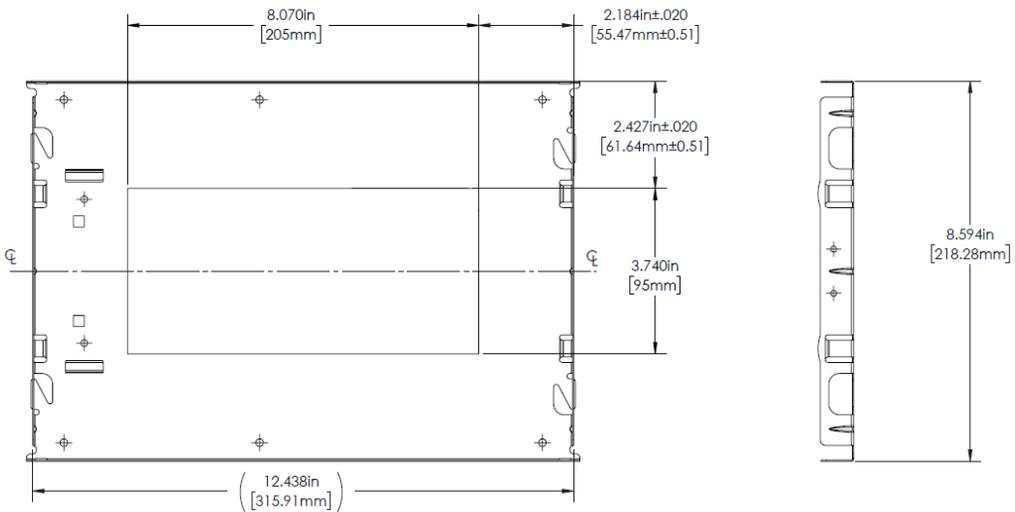
Cut out: $8 \frac{5}{64}'' \times 3 \frac{47}{64}''$
(205x95mm)

Ceiling Thickness:



AE-DL-FRKT-DUA-4

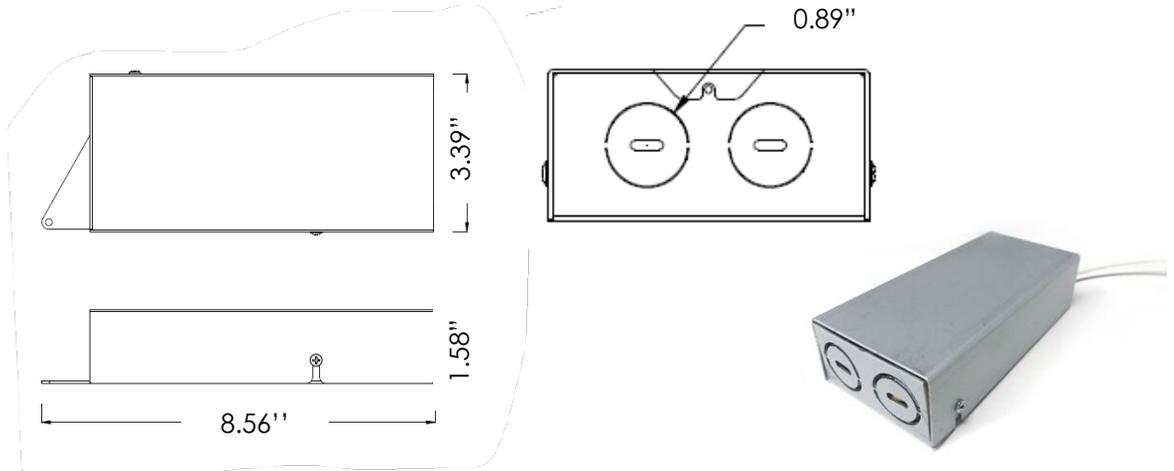
Ordered Separately



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DIMENSIONS (in mm)

Accompanied Junction Box
2 Per fixture



PRODUCT ASSEMBLY GUIDE



Modular LED Engine



DATE	
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ACCESSORIES

Ordered separately, field installed

NEW CONSTRUCTION UNIVERSAL FRAME KIT

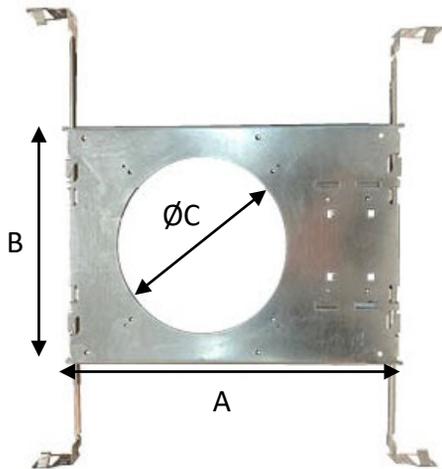


MATERIAL 22-gauge galvanized steel housing

MOUNTING T-bar or drywall ceilings
Up to 1.5" thick

Ordering Code AE-DL-FRKT-03-DUA-UNV
AE-DL-FRKT-04-DUA-UNV

FRAME KIT DIMENSIONS



DIMENSIONS	
A	12.75" [324 mm]
4" Round B	8.63" [219 mm]
C	Ø 4.50" [114 mm]

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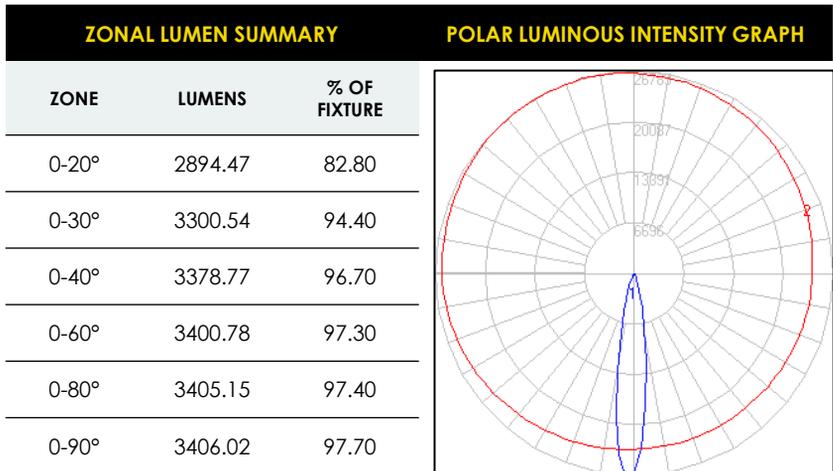
LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

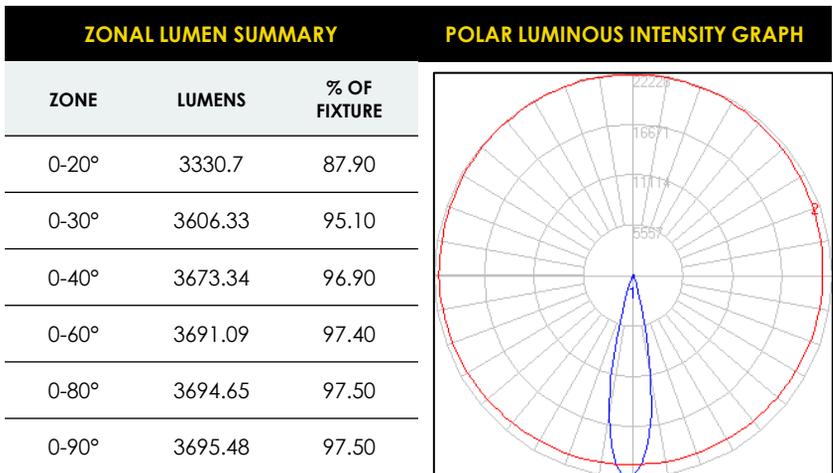
LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
NORMAL (90CRI)	.94	1	1.02	1.03

PHOTOMETRIC DATA

AE-DL-DUA-4-30-15-UV-50W-X
4 inch
3000K CCT
15°
50W



AE-DL-DUA-4-30-24-UV-50W-X
4 inch
3000K CCT
24°
50W



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PHOTOMETRIC DATA (CONTINUE)

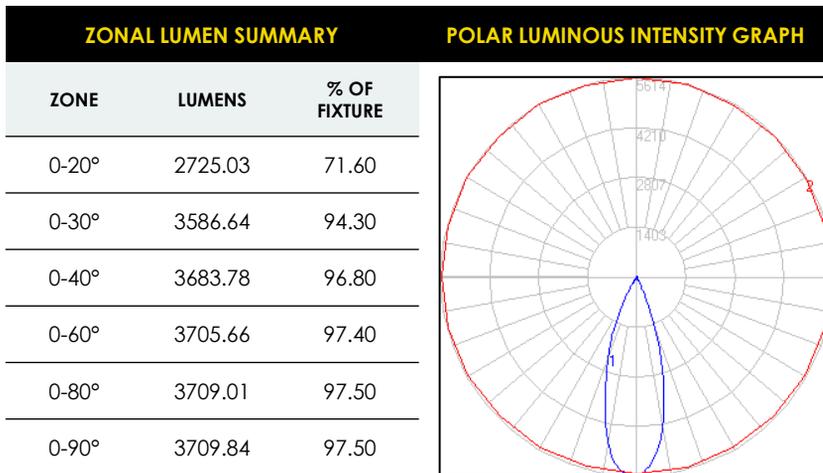
AE-DL-DUA-4-30-38-UV-50W-X

4 inch

3000K CCT

38°

50W



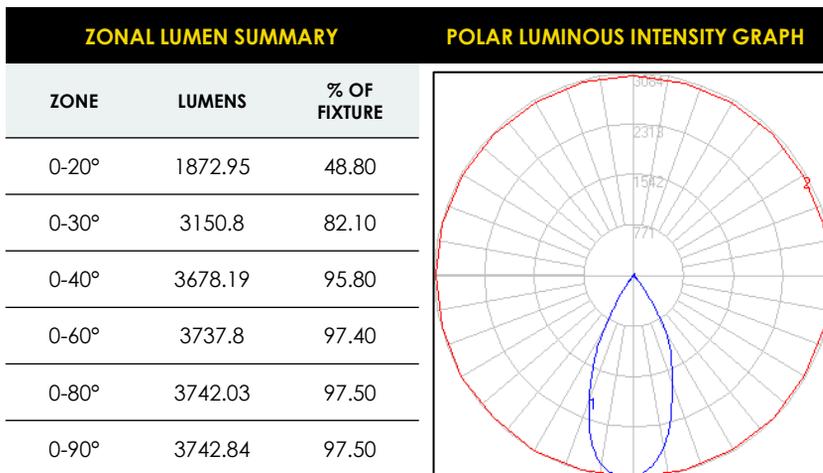
AE-DL-DUA-4-30-55-UV-50W-X

4 inch

3000K CCT

55°

50W



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ACCESSORIES (Continued)

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY

OUTPUT POWER : 8 WATTS

BLD-HM25D-YYY

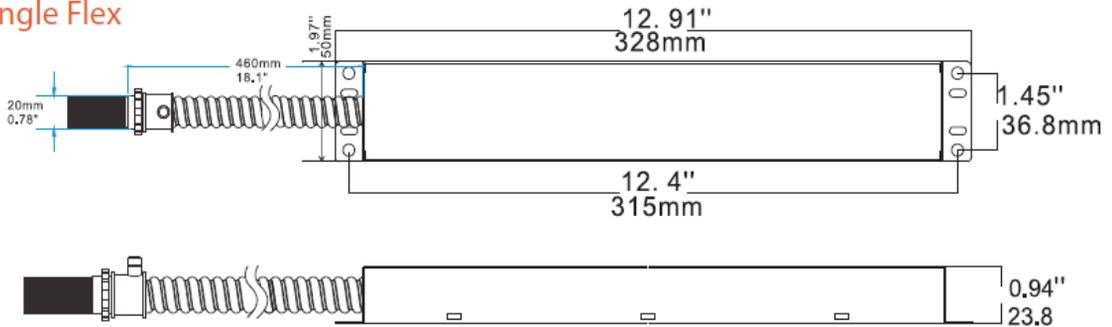
OUTPUT POWER : 25 WATTS



BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installation that allows the same LED fixture to be used for both normal and emergency operation . In the event of a power failure , the emergency driver switches to emergency mode and operates the existing. Fixture to 90 minutes. The unit contains a battery , charge , and converter circuit in a single enclosure .This module will operate an LED array load at 6-25W with constant power at a rated output voltage of 170VDC. The constant power design of BLD-HMXXD-YYY maintains the output wattage to LED array, providing consistent illumination for entire emergency runtime. Ideal for use with most 0-10V dimmable indoor commercial LED lighting fixtures, such as LED flat panel, troffer, downlight and suspension mounting LED linear strip lights, etc.

DIMENSIONS (inches and mm)

Single Flex



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OVERVIEW



SUPER MODULAR DESIGN

Unique super modular design making the assemble and disassemble process toolless and effortless. Lens changing and trim changing can be easily done in just one minute.

FLEXIBLE HEADS

Limitless possibilities with the possibility to aim and adjust the heads in many directions to achieve the desired lighting experience.

ELECTRICALS

Product comes either with 20W or 50W package enabling profound adaptability to your ceiling requirements. Also comes standard with dual dimming such as 0-10V and phase dimming.

HIGH-END FIXTURE

Radial engine shape conveniences wire arrangement and reduces engine weight without sacrificing aesthetics.