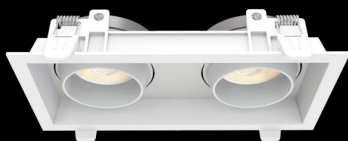


# DUA

## 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  
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).

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

## 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

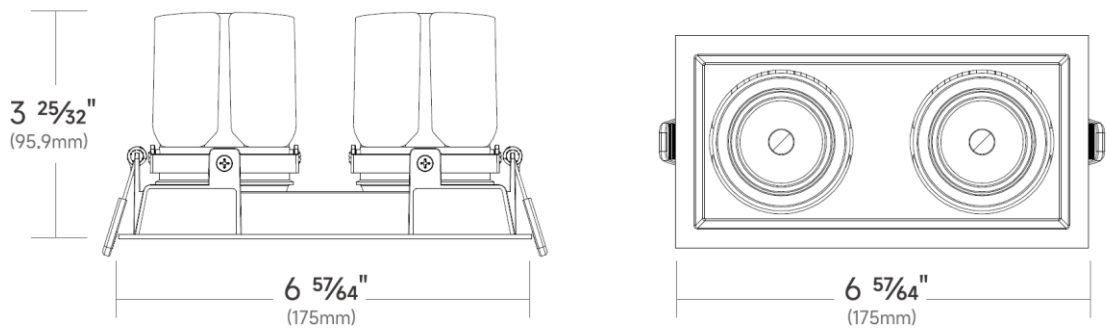
EXAMPLE: AE-DL-FRKT-DUA-3

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

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

PRODUCT DIMENSIONS

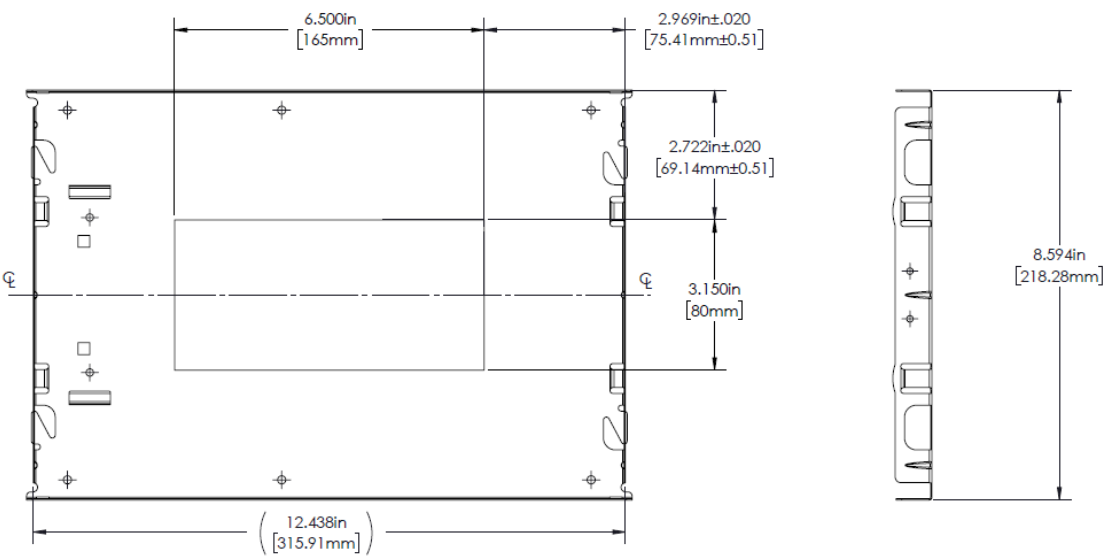
AE-DL-DUA-3



Cut out:  $6 \frac{1}{2}" \times 3 \frac{5}{32}"$   
(165x80mm)

AE-DL-FRKT-DUA-3

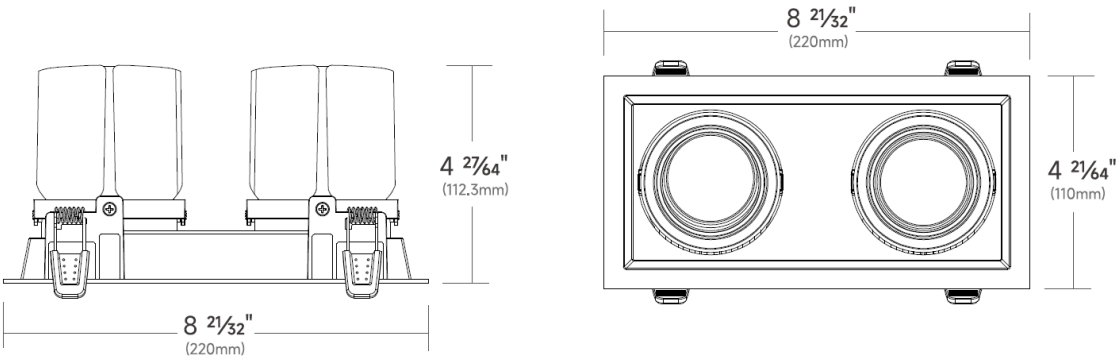
Ordered separately



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

PRODUCT DIMENSIONS

AE-DL-DUA-4



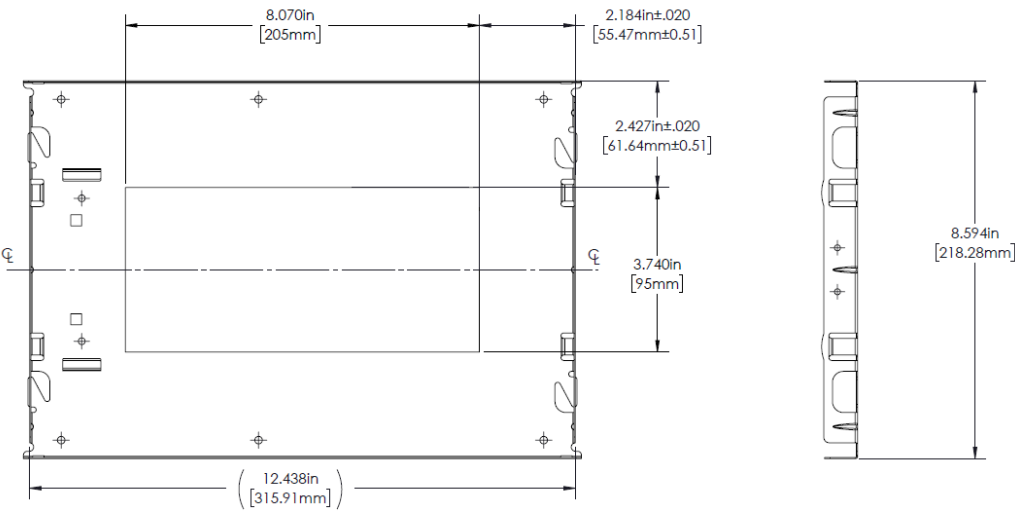
Cut out:  $8 \frac{5}{64}'' \times 3 \frac{47}{64}''$   
(205x95mm)

Ceiling Thickness:



AE-DL-FRKT-DUA-4

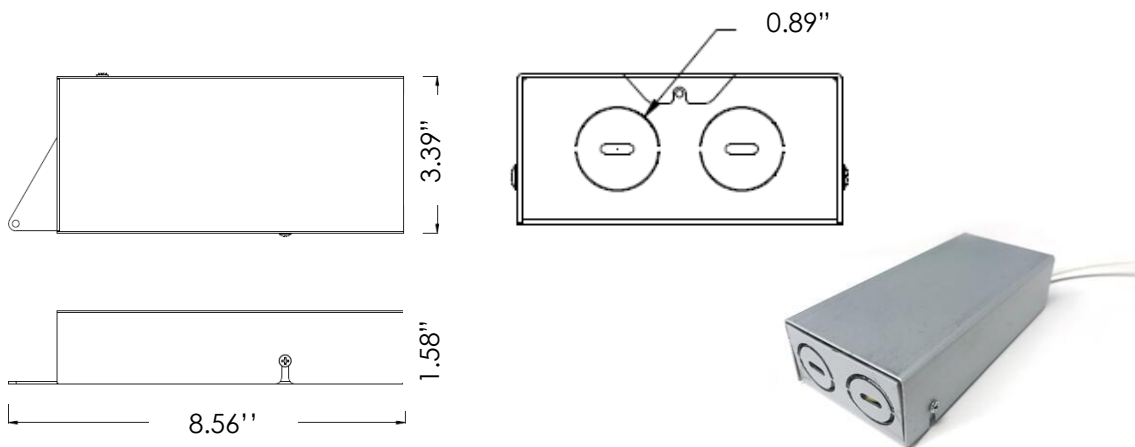
Ordered Separately



DATE	
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ORDERING CODE	AE-DL-DUA- - - -UV - -X -

## DIMENSIONS (in mm)

Accompanied Junction Box  
2 Per fixture



## PRODUCT ASSEMBLY GUIDE



Modular  
LED Engine



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

## 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

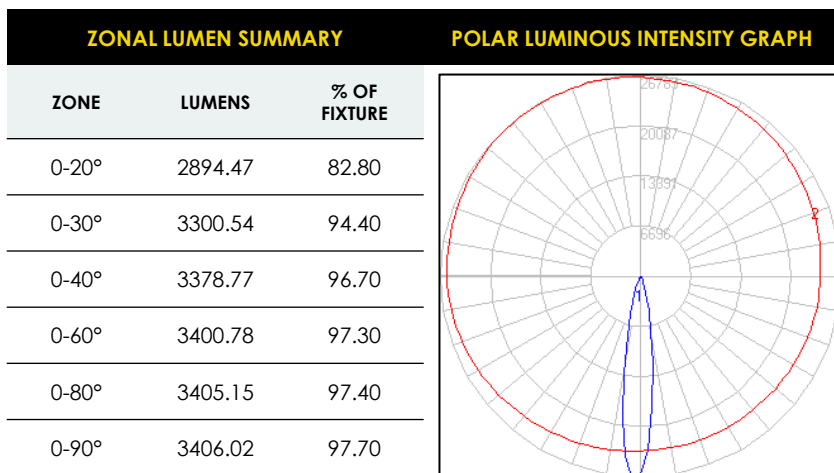
AE-DL-DUA-4-30-15-UV-50W-X

4 inch

3000K CCT

15°

50W



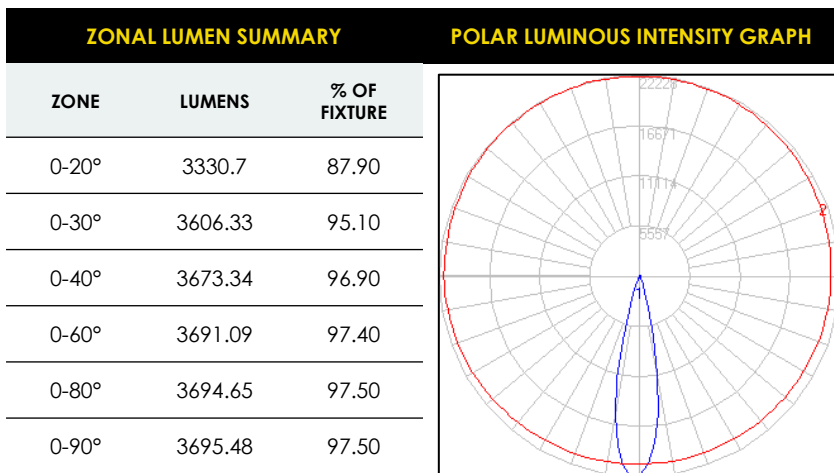
AE-DL-DUA-4-30-24-UV-50W-X

4 inch

3000K CCT

24°

50W



DATE	
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QTY	
ORDERING CODE	AE-DL-DUA- - - -UV - -X -

## PHOTOMETRIC DATA (CONTINUE)

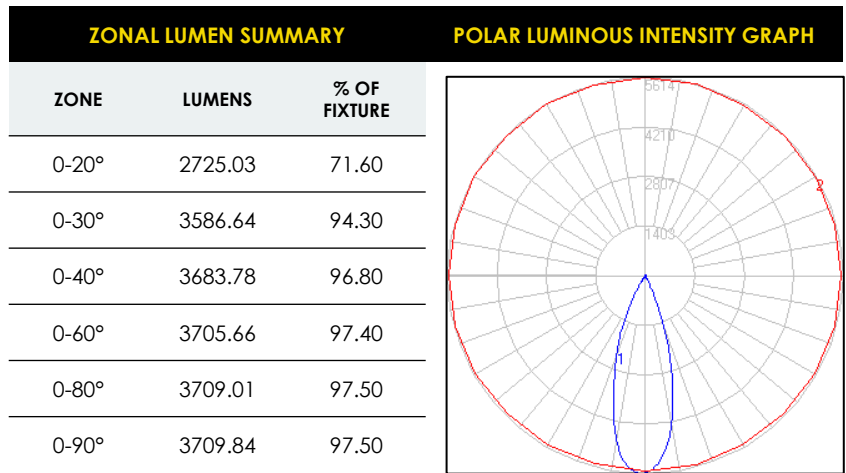
AE-DL-DUA-4-30-38-UV-50W-X

4 inch

3000K CCT

38°

50W



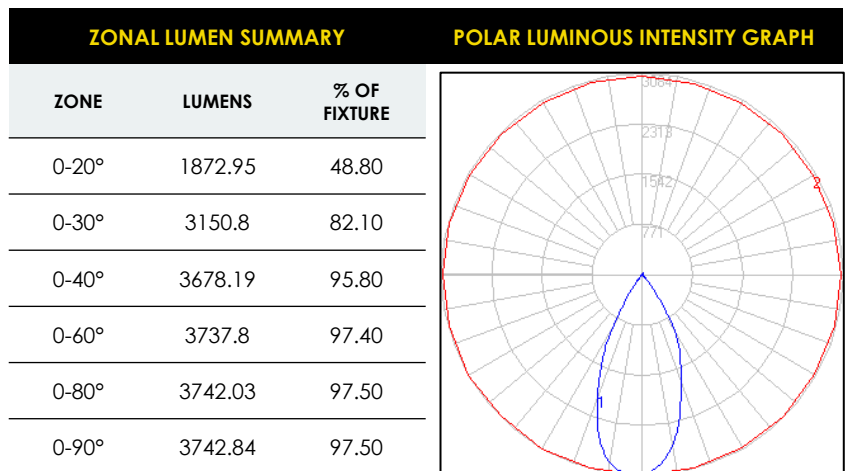
AE-DL-DUA-4-30-55-UV-50W-X

4 inch

3000K CCT

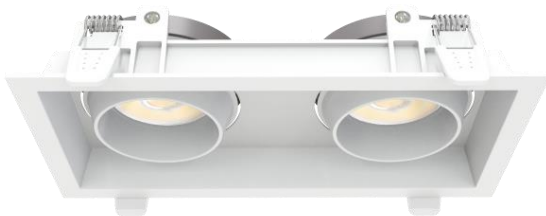
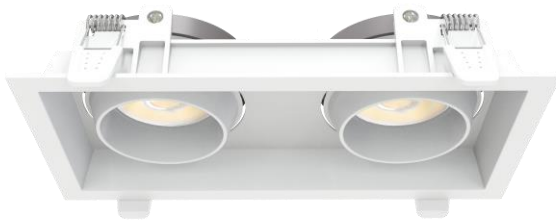
55°

50W



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

## 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.