UNA

LED SINGLE HEAD

DOWNLIGHT

The UNA single-head provides an elegance and flexibility that is set to provide the ultimate lighting environments. The UNA series features a light engines ranging from 10W to 25W. 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.

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5 YEARS WARRANTY eralux

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-UNA- | - | - | -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	10W 15W 20W 25W

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-UNA-4-35-24-UV-20W-X

FIXTURE FAMILY	DIMENSION	SHAPE	CCT	BEAM ANGLE	INPUT VOLTAGE	POWER	CONTROLS	FINISH
AE-DL-UNA	**-**		**-**	**-**	**-UV**	**-**	**-X**	**-**
AE-DL-UNA UNA Series	**-3** 3 inches Comes with AE-DL-KN-3-SA5	**[LEAVE BLANK]** Square	**-30** 3000K CCT	**-15** 15° Beam angle	**-UV** 120-277 V	**-10W** 10 watts 800 lumens	**-X** Dual dimming	**[LEAVE BLANK]** White trim
			-35 3500K CCT	**-24** 24° Beam angle		**-15W** 15 watts 1,200 lumens		
	-4 4 inches Comes with AE-DL-KN-4-SA3	**R** Round		**-38** 38° Beam angle		**-20W** 20 watts 1,800 lumens		**-BKT** Black trim
			-40 4000K CCT	**-55** 55° Beam angle		**-25W** 25 watts 2,200 lumens		

ACCESSORIES
Ordered separately

EXAMPLE: AE-DL-FRKT-UNA-3

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

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ORDERING CODE	AE-DL-UNA-

ORDERING CODE: AE-DL-UNA- | - | - | -UV | - | -X

PRODUCT DIMENSIONS (in mm)

AE-DL-UNA-3

Cut out: 80x80mm

95.4
90
90
90
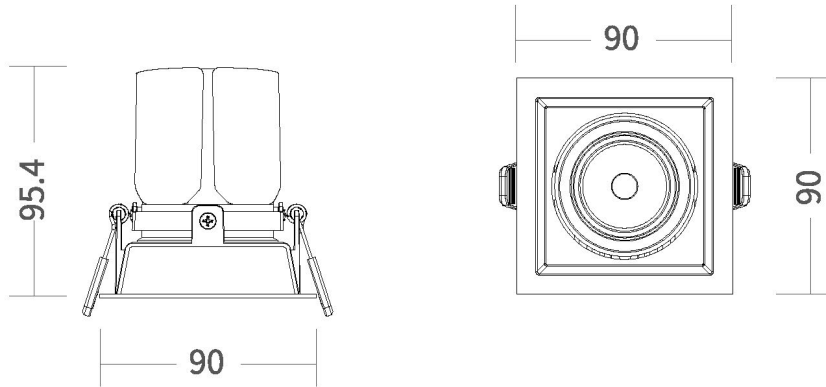
AE-DL-FRKT-UNA-3

Ordered separately
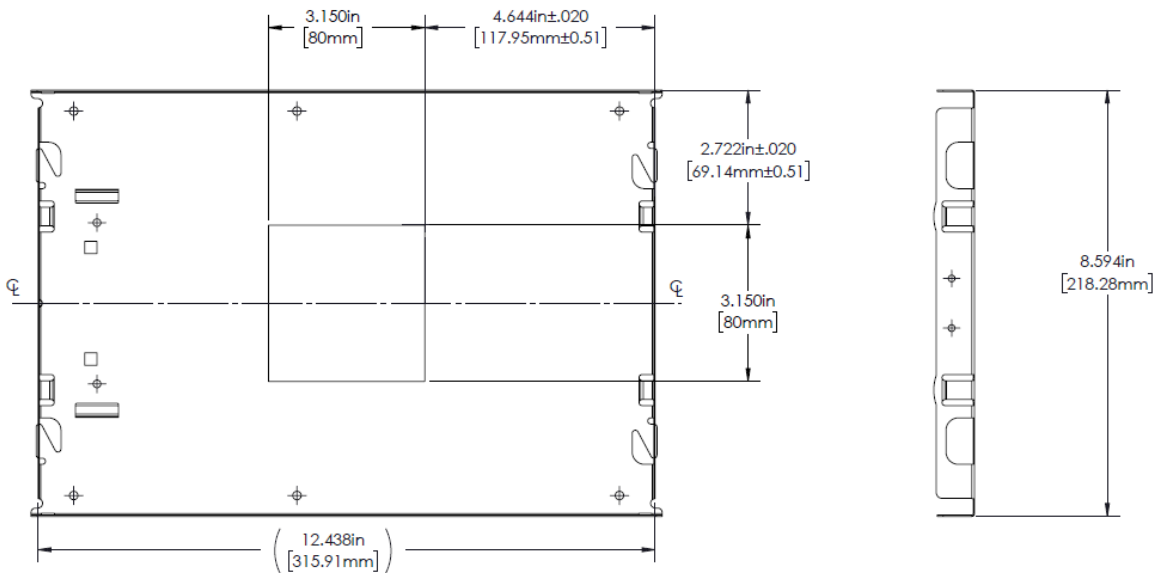
3.150in
[80mm]

4.644in±.020
[117.95mm±0.51]

2.722in±.020
[69.14mm±0.51]

3.150in
[80mm]

8.594in
[218.28mm]

12.438in
[315.91mm]

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DOWNLIGHT

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

PRODUCT DIMENSIONS (in mm)

AE-DL-UNA-4

Cut out: 95x95mm

112.3

110

110

110

110
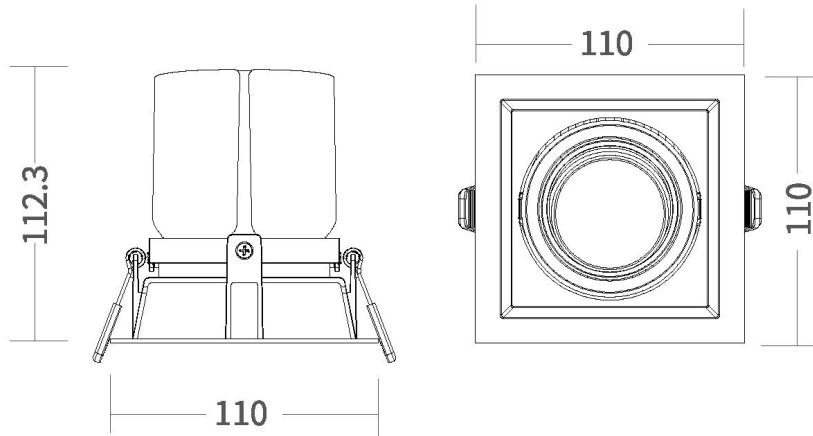
AE-DL-FRKT-UNA-4

Ordered Separately

3.740in
[95mm]

4.349in±.020
[110.46mm±0.51]

2.427in±.020
[61.64mm±0.51]

3.740in
[95mm]

8.594in
[218.28mm]

12.438in
[315.91mm]

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LED SINGLE HEAD

DOWNLIGHT
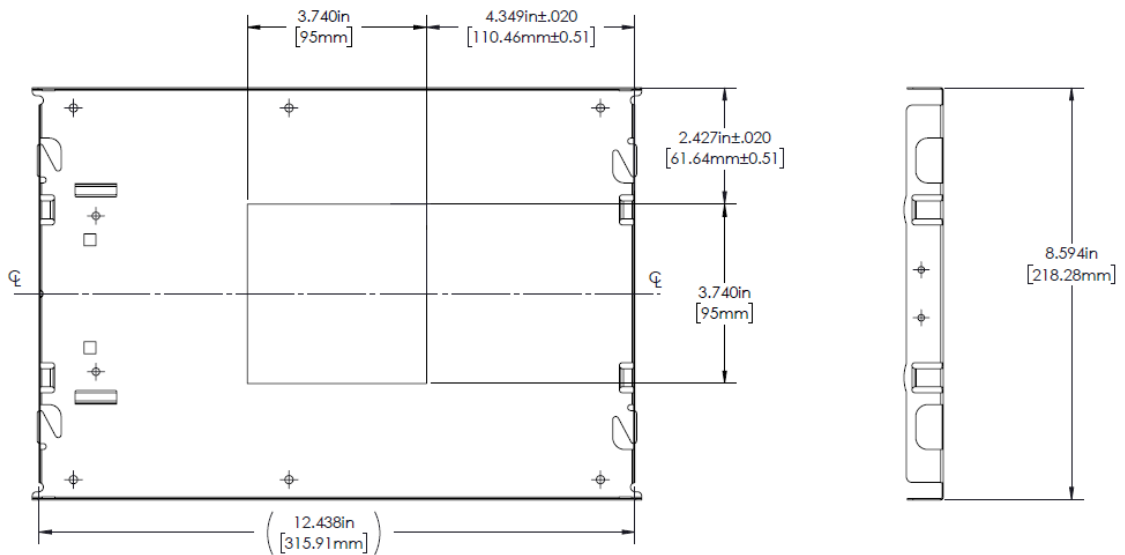
DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-UNA-

AE-DL-UNA- | | - | | - | -UV | - | | -X

PRODUCT DIMENSIONS (in mm/inches)

Cut out: 95x95mm
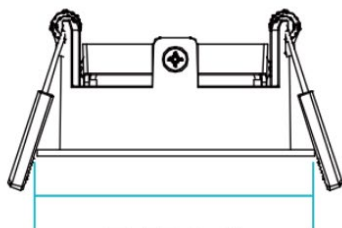
3 35/64 " (90mm)
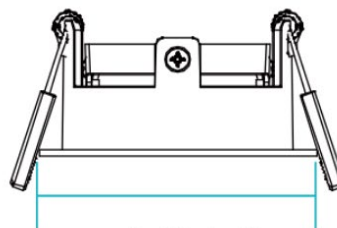
3 5/32 " (80mm)
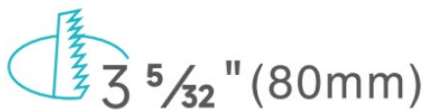
AE-DL-UNA-3R

4 21/64 " (110mm)
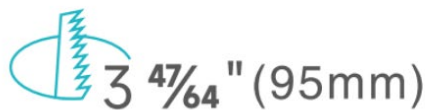
3 47/64 " (95mm)

AE-DL-UNA-4R

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LED MULTI-HEADS

MULTI-HEADS

DIMENSIONS (in mm)

Accompanied Junction Box
2 Per fixture

0.89''

3.39''

1.58''

8.56''
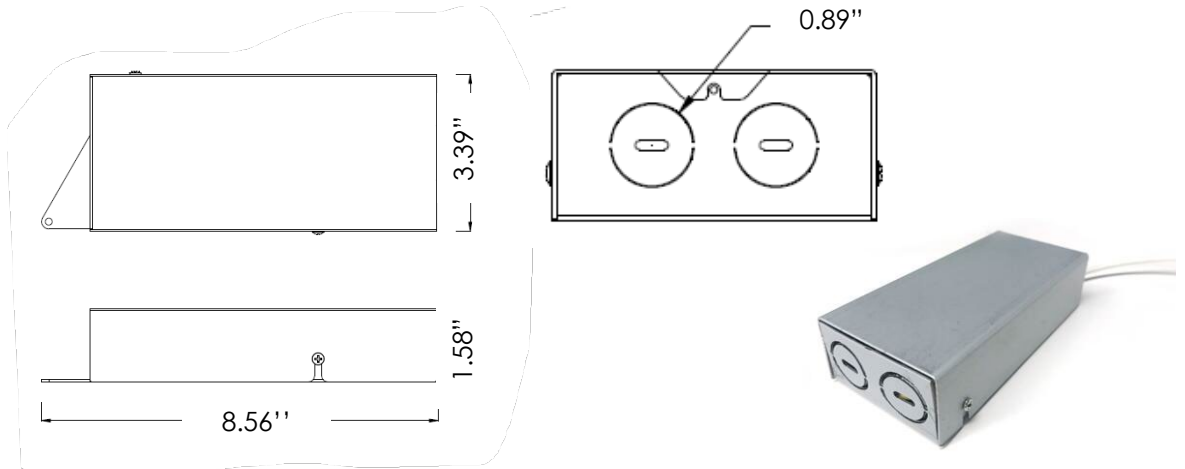
PRODUCT ASSEMBLY GUIDE

Modular
LED Engine

Led Module

Beam Lens

Honeycomb Filter

15° 24° 38° 55°

Fixed Ring

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LED MULTI-HEADS
MULTI-HEADS
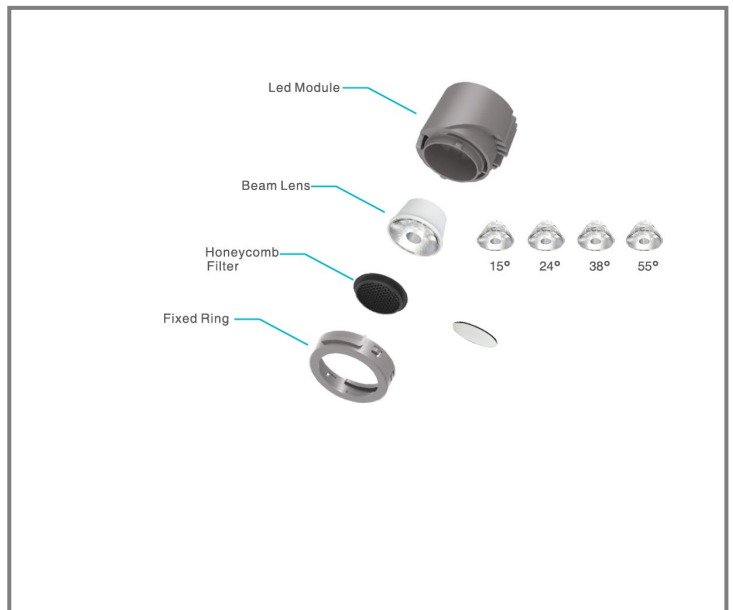
AE-DL-UNA-   -   -   -UV -   -X

ACCESSORIES
Ordered separately, field installed

NEW CONSTRUCTION UNIVERSAL FRAME KIT

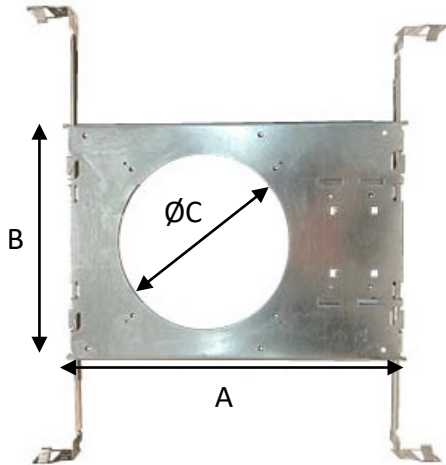| MATERIAL	22-gauge galvanized steel housing
MOUNTING	T-bar or drywall ceilings Up to 1.5" thick
Ordering Code	AE-DL-FRKT-03-UNV (round) AE-DL-FRKT-04U-UNV (round) AE-DL-FRKT-UNA-03-UNV (square) AE-DL-FRKT-UNA-04-UNV (square)

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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QTY								
ORDERING CODE	AE-DL-UNA-		-	-	-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-UNA-4-30-15-UV-25W-X

4 inch

15° Beam angle

25 Watts

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	**LUMENS**	**% OF FIXTURE**	
0-20°	1427.6	82.90	
0-30°	1625.1	94.40	
0-40°	1663.19	96.60	
0-60°	1674.06	97.20	
0-80°	1676.23	97.40	
0-90°	1676.66	97.40	
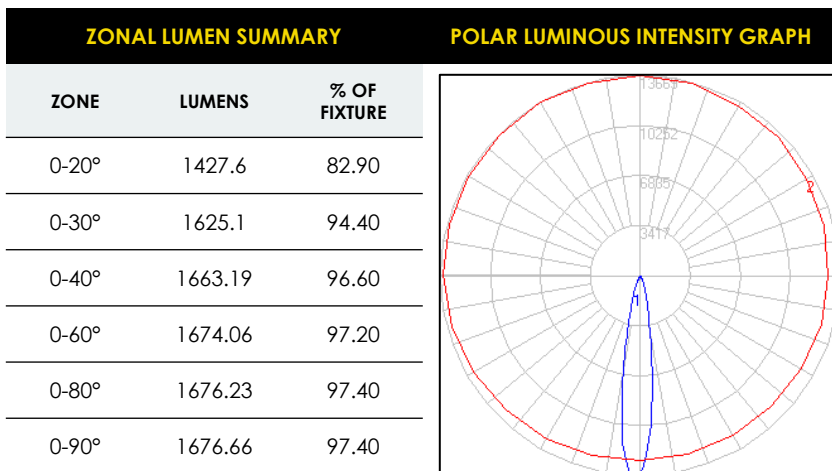
AE-DL-UNA-4-30-24-UV-25W-X

4 inch

24° Beam angle

25 Watts

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	**LUMENS**	**% OF FIXTURE**	
0-20°	1651.21	88.10	
0-30°	1781.91	95.10	
0-40°	1814.81	96.90	
0-60°	1823.47	97.30	
0-80°	1825.22	97.40	
0-90°	1825.64	97.50	

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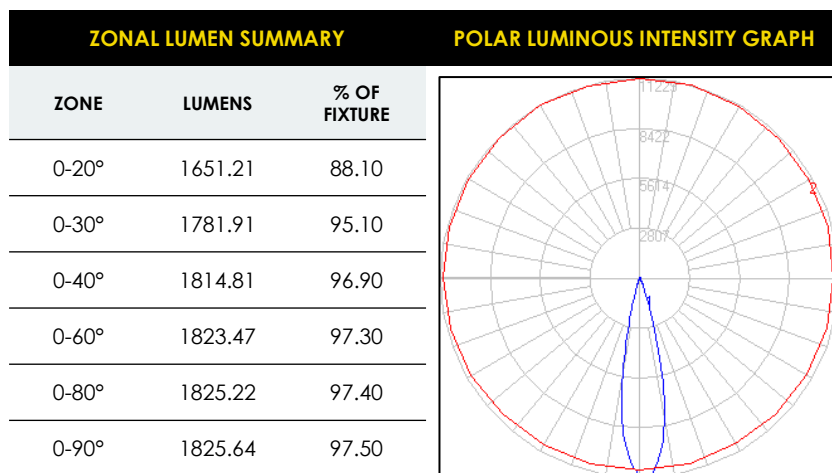
PHOTOMETRIC DATA (CONTINUE)

AE-DL-UNA-4-30-38-UV-25W-X

4 inch

38° Beam angle

25 Watts

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	**LUMENS**	**% OF FIXTURE**	
0-20°	1362.7	72.10	
0-30°	1785.57	94.40	
0-40°	1830.81	96.80	
0-60°	1841.53	97.40	
0-80°	1843.19	97.50	
0-90°	1843.6	97.50	
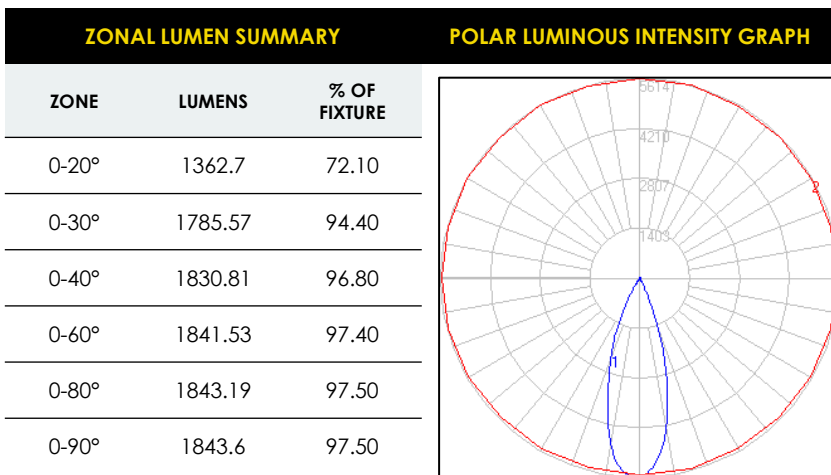
AE-DL-UNA-4-30-55-UV-25W-X

4 inch

55° Beam angle

25 Watts

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	**LUMENS**	**% OF FIXTURE**	
0-20°	937.16	49.00	
0-30°	1575.78	82.40	
0-40°	1834.74	95.90	
0-60°	1862.91	97.40	
0-80°	1865.02	97.50	
0-90°	1865.43	97.50	

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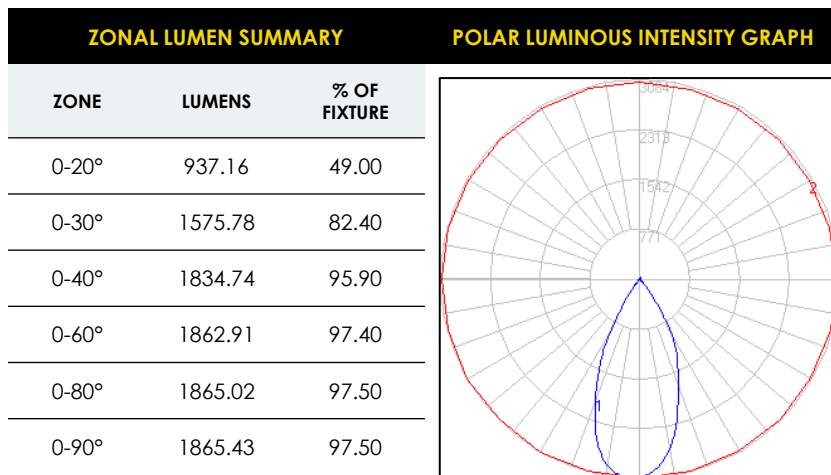
DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-UNA- | - | - | -UV | - | -X

ACCESSORIES (Continued)

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

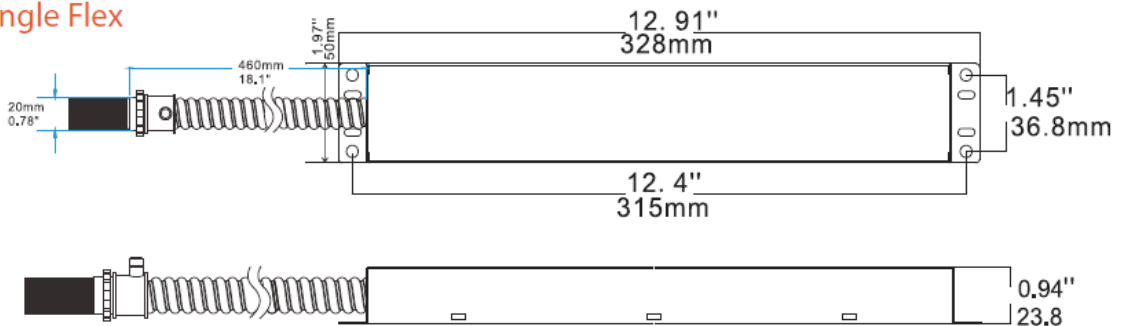BLD-HM8D-YYY   OUTPUT POWER : 8 WATTS

BLD-HM25D-YYY   OUTPUT POWER : 25 WATTS

Easy Wiring

Certified For CA Title 20

Constant Power Performance

Single Flex(Standard)

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

1.97" / 50mm

12.91" / 328mm

460mm / 18.1"

20mm / 0.78"

1.45" / 36.8mm

12.4" / 315mm

0.94" / 23.8

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OVERVIEW

SUPER MODULAR DESIGN

Unique super modular design making the assembly and disassembly 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 10W, 15W, 20W or or 25W 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.