

KINETA MINI

LED COMMERCIAL DOWNLIGHT

RECESSED DOWNLIGHT



eralux®



The KINETA Series LED downlight are the ideal recessed downlight for any retrofit or new construction project. The spring-action housing clips facilitate the installation process. The KINETA separates itself from competitor downlights by having a super modular design with round and square, adjustable and fixed options. Replacing LED modules, mounting rings, beam lens and reflectors with no need for tools.

DATE

PROJECT
NAME

TYPE

QTY

ORDERING
CODE

AE-DL-KN -3 - -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

BEAM ANGLE 15, 24, 38, 55°

POWER 10W, 15W

DIMMING 0-10V external dimming & Triac
Dual dimming

MECHANICAL & HOUSING

HOUSING Brushed metal

LENS PMMA and high transmittance lens

FINISH Brushed metal providing an
elegant finish

POWER SUPPLY Factory wired electronic LED driver

LED BOARD LED Array

SPRING Stainless steel spring-action clips

APPLICATION CONDITION

AMBIENT TEMPERATURE
RANGE -10 °C to 40°C

PROTECTION IP20

COMPATIBLE MOUNTING

MOUNTING Recessed

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).

KINETA MINI

LED COMMERCIAL DOWNLIGHT

RECESSED DOWNLIGHT

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-KN -3 - -UV - -X - -

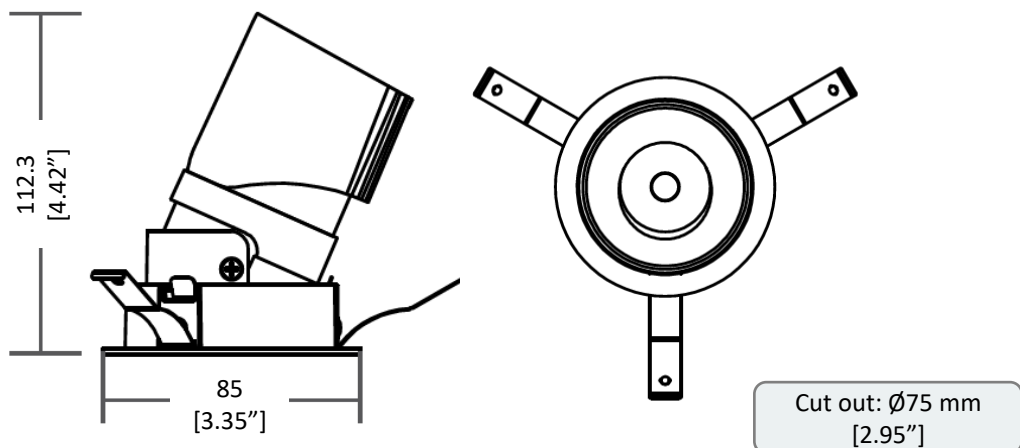
ORDERING GUIDE

EXAMPLE: AE-DL-KN-3-RA1BK-UV-10W-X-27-15

FIXTURE FAMILY	SIZE	REFLECTOR	REFLECTOR FINISH	VOLTAGE	POWER	CONTROLS	CCT	BEAM	TRIM
AE-DL-KN	-3	-		-UV	-	-X	-	-	-
ERALUX KINETA Mini Series recessed downlight	-3 3 inches	-RA1 Round Adjustable	WH White	-UV 120-277 V	-10W 10 watts; ~800 lms at 3000K and 38° beam angle for round adjustable reflector	-X 0-10V external dimming & Triac Dual dimming	-27 2700K CCT	-15 15° Beam angle	-WHT White Trim
			BK Black				-30 3000K CCT	-24 24° Beam angle	
		-SA1 Square Adjustable					-35 3500K CCT	-38 38° Beam angle	-BKT Black Trim
			SP Specular bright silver						
		-RF1 Round Fixed			DF Diffused matt silver			-40 4000K CCT	-55 55° Beam angle

PRODUCT DIMENSIONS (in mm)

AE-DL-KN-3-RA1XX-UV-1XW-X-XX-XX



KINETA MINI

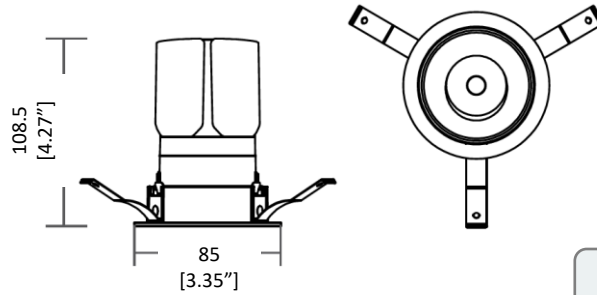
LED COMMERCIAL DOWNLIGHT

RECESSED DOWNLIGHT

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-KN -3 - -UV - -X - -

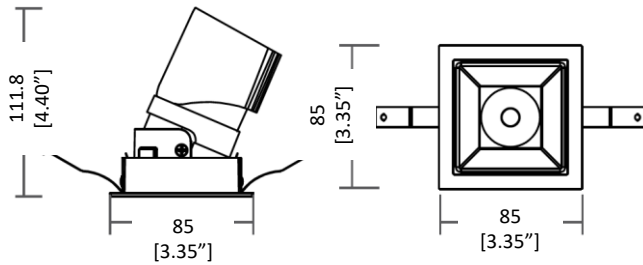
PRODUCT DIMENSIONS (in mm)

AE-DL-KN-3-RF1XX-UV-1XW-X-XX-XX



Cut out: Ø75 mm
[2.95\"]

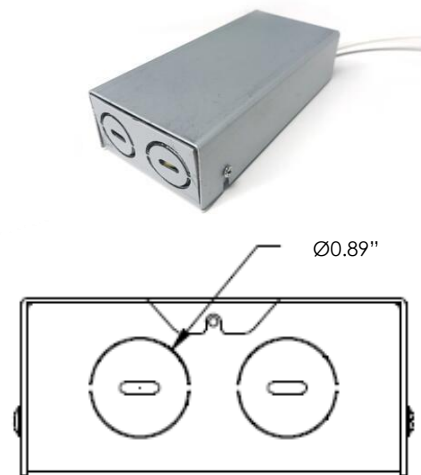
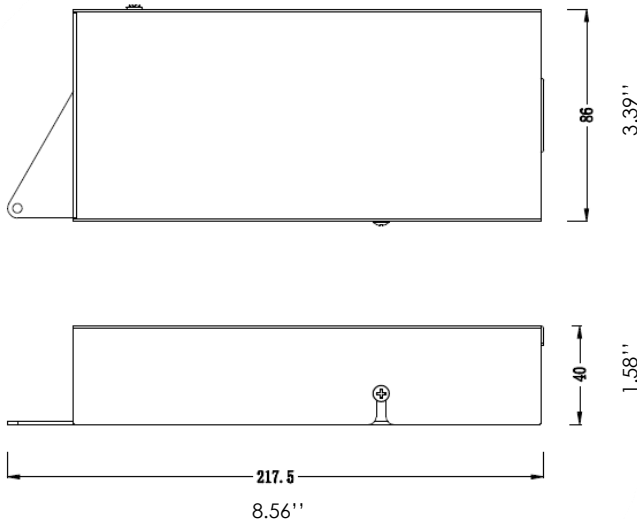
AE-DL-KN-3-SA1XX-UV-1XW-X-XX-XX



Cut out: 75X75 mm
[2.95\"X2.95\"]

DIMENSIONS

Accompanied Junction Box



KINETA MINI

LED COMMERCIAL DOWNLIGHT

RECESSED DOWNLIGHT

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-KN -3 - - -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-KN-3-RA1XX-UV-10W-X-30-15

Round Adjustable 10W

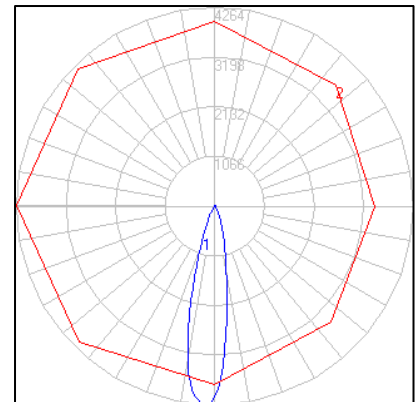
3000K CCT

15°

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	623.46	78.40
0-30°	745.27	93.70
0-40°	768.22	96.60
0-60°	772.78	97.20
0-80°	774.52	97.40
0-90°	774.73	97.40

POLAR LUMINOUS INTENSITY GRAPH



AE-DL-KN-3-RA1XX-UV-10W-X-30-24

Round Adjustable 10W

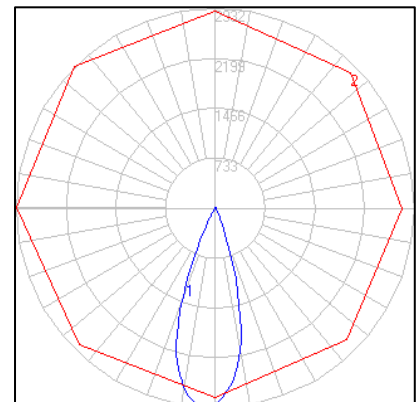
3000K CCT

24°

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	713.64	77.50
0-30°	872.63	94.80
0-40°	893.26	97.10
0-60°	896.26	97.40
0-80°	897.16	97.50
0-90°	897.36	97.50

POLAR LUMINOUS INTENSITY GRAPH



KINETA MINI

LED COMMERCIAL DOWNLIGHT
RECESSED DOWNLIGHT

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-KN -3 - - - -UV - - -X - -

PHOTOMETRIC DATA

AE-DL-KN-3-RA1XX-UV-10W-X-30-38

Round Adjustable 10W

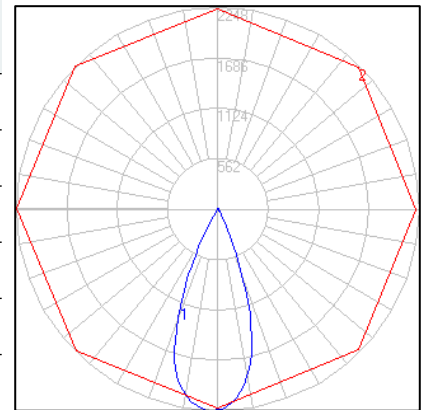
3000K CCT

38°

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	640.98	70.20
0-30°	858.82	94.10
0-40°	884.30	96.90
0-60°	888.27	97.30
0-80°	889.39	97.50
0-90°	889.59	97.50

POLAR LUMINOUS INTENSITY GRAPH



AE-DL-KN-3-RA1XX-UV-10W-X-30-55

Round Adjustable 10W

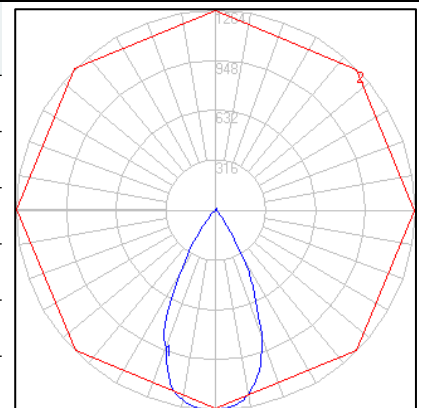
3000K CCT

55°

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	416.69	47.90
0-30°	704.54	81.00
0-40°	825.80	95.00
0-60°	846.00	97.30
0-80°	847.44	97.50
0-90°	847.65	97.50

POLAR LUMINOUS INTENSITY GRAPH



AE-DL-KN-3-SA1XX-UV-10W-X-30-24

Square Adjustable 10W

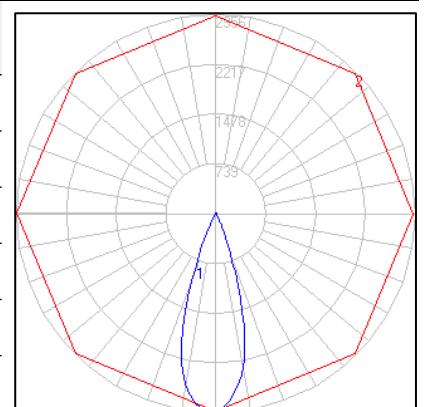
3000K CCT

24°

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	714.00	79.00
0-30°	849.02	94.00
0-40°	871.49	96.50
0-60°	877.72	97.20
0-80°	878.83	97.30
0-90°	879.06	97.30

POLAR LUMINOUS INTENSITY GRAPH



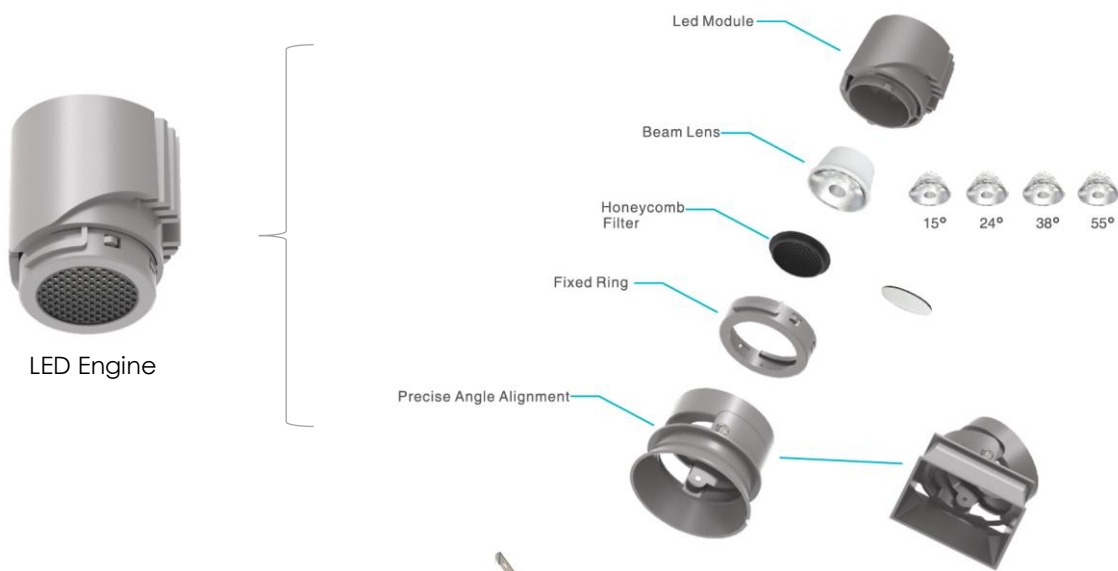
KINETA MINI

LED COMMERCIAL DOWNLIGHT

RECESSED DOWNLIGHT

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-KN -3 - -UV - -X - -

PRODUCT ASSEMBLY GUIDE



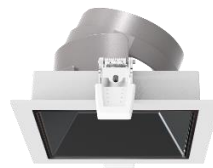
LED Engine



Round Adjustable



Round Fixed



Square Adjustable

Reflector Options:

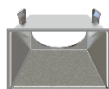
Diffuse
matt silver

Black

Specular
bright silver

White

Square Adjustable



Round Adjustable



Round Fixed



Ceiling Thickness:



10mm-20mm
[0.4"-0.8"]

KINETA MINI

LED COMMERCIAL DOWNLIGHT

RECESSED DOWNLIGHT

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-KN -3 - -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

One engine module fits for both fixed and adjustable heads, in both round and square shapes, making KINETA fit for any kinds of projects and customizable space lighting.

VARIOUS REFLECTORS

Reflectors are available in specular, diffuse and charcoal black. They could fulfill all your needs to create a desirable lighting effect.

HIGH-END FIXTURE

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



LED Module

+



Mounting Ring

=



Luminaire