KINETA MINI

LED COMMERCIAL DOWNLIGHT

RECESSED DOWNLIGHT











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.

TYPE

ORDERING
CODE

AE-DL-KN -3 - -UV - -X - -

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

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 (down to 10% dimming) Triac Dual dimming						
MECHANICAL & HOUSING							
HOUSING	Brushed metal						

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).



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ORDERING GUIDE

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

FIXTURE FAMILY	SIZE	REFLECTOR	REFLECTOR FINISH	VOLTAGE	POWER	CONTROLS	ССТ	BEAM	MOUNTI NG RING
AE-DL-KN	-3	-		-UV	-	-X	-	-	-
AE-DL-KN ERALUX KINETA Mini Series	RALUX INETA Mini eries ecessed 3 inches Round Adjustable White 120-2	Round		-UV 120-277 V	-10W 10 watts; ~800 lms at 3000K and 38° beam angle for round	-X 0-10V external dimming & Triac Dual	-27 2700K CCT	-15 15° Beam angle	-WHT White Trim
recessed downlight			adjustable reflector	dimming	- 30 3000K CCT	-24 24° Beam	-BKT Black Trim		
		-SA1* Square Adjustable SP Specular bright silver					angle	-BK-TL Black Trimless Finish	
				-15W 15 watts; ~1,100 lms at 3000K and 38°		- 35 3500K CCT	-38 38° Beam	- WH-TL White Trimless Finish	
		-RF1 Round			beam angle for round adjustable			angle	
		Fixed	DF Diffused matt silver		reflector		-40 4000K CCT	-55 55° Beam angle	

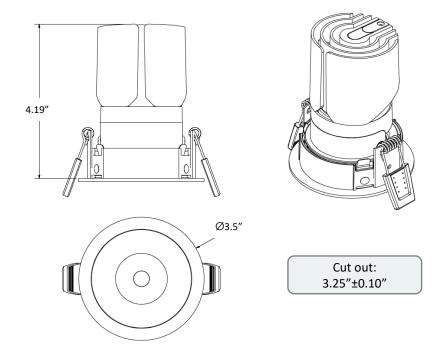
Maximum tilt angle is 30° for adjustable reflectors.



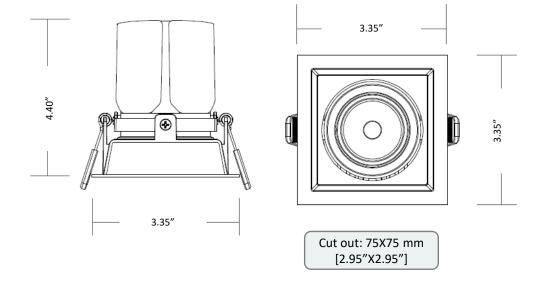
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PRODUCT DIMENSIONS (in inches)

KINETA ROUND TRIM



KINETA SQUARE TRIM



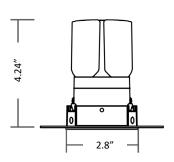


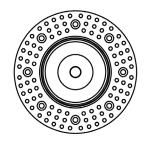
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PRODUCT DIMENSIONS (in mm)

TrimLess Version

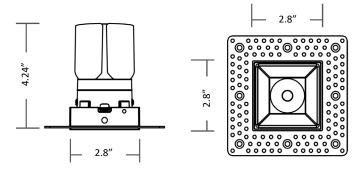
KINETA ROUND TRIMLESS VERSION





Cut out: Ø76 mm [3"]

KINETA SQUARE TRIMLESS VERSION



Cut out: Ø75x75 mm [2.95x2.95"]



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ACCESSORIES

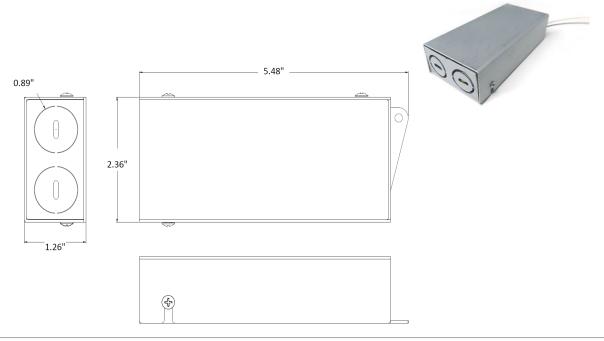
Ordered separately, field installed

NEW CONSTRUCTION UNIVERSAL FRAME KIT



DIMENSIONS

Accompanied Junction Box





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LUMEN ESTIMATE

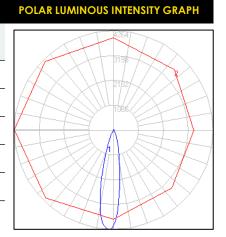
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

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

PHOTOMETRIC DATA

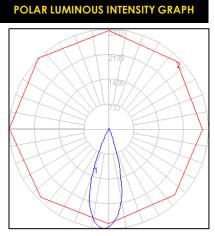
AE-DL-KN-3-RA1XX-UV-10W-X-30-15
Round Adjustable 10W
3000K CCT
15°

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						



AE-DL-KN-3-RA1XX-UV-10W-X-30-24
Round Adjustable 10W
3000K CCT
24°

ZONA	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								



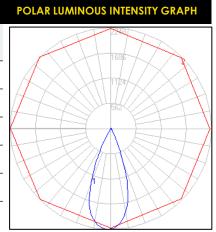


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PHOTOMETRIC DATA

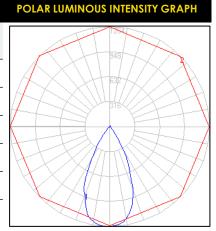
AE-DL-KN-3-RA1XX-UV-10W-X-30-38
Round Adjustable 10W
3000K CCT
38°

ZONA	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								



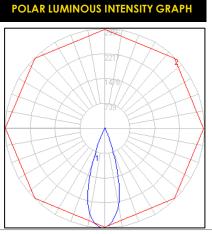
AE-DL-KN-3-RA1XX-UV-10W-X-30-55
Round Adjustable 10W
3000K CCT
55°

ZONA	IL LUMEN 30M	WAKI
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



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							



eralux®

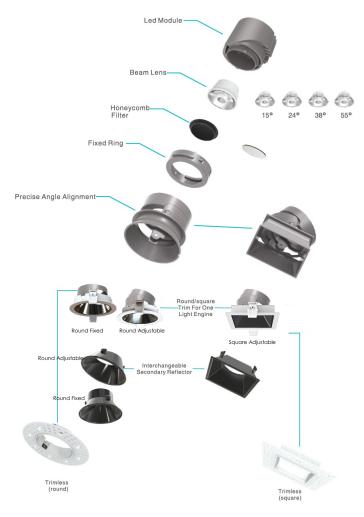
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PRODUCT ASSEMBLY GUIDE





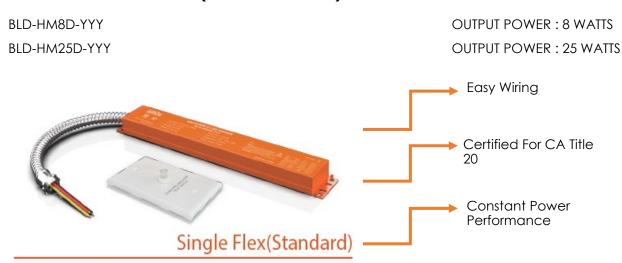


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ACCESSORIES

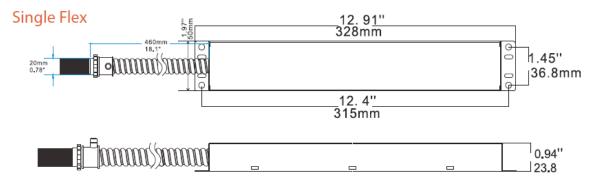
Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)



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)



eralux® KINETA MINI LED COMMERCIAL DOWNLIGHT

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OVERVIEW



SUPER MODULAR DESIGN

DATE

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





Luminaire