

KINETA SERIES

Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:

Our most customizable downlight, built for galleries, retail and hospitality: choose a 2in to 5in aperture, round or square, trim or trimless, the reflector, and adjustable or fixed tilt. 90 CRI, 332-2719lm, TRIAC and 0-10V dimming.

Art Gallery Show Room
 Retail Store Hospitality



Key Specifications

Electrical

Input voltage 120–277V
 Power factor > 0.9
 THD < 20%
 Dimming TRIAC & 0-10V (down 10%)
 Power 5–35W

Optical

Lumen range 332–2719lm
 Efficacy 54–105lm/W
 CRI 90
 CCT 2700K • 3000K • 3500K • 4000K
 Distribution 15° • 24° • 38° • 55°

Physical

Aperture 2 • 3 • 4 • 5in
 Shape Round • Square • Trimless
 Tilt 30° • rotation 355°
 Mounting New construction • Retrofit
 Reflector Black • White • Silver
 Ambient –20°C to 40°C
 Application IP20 • IP44 with kit
 Accessories Optics • Frame kit • EMBB • Sensor

Certifications

Listings ETL • RoHS
 Lumen maintenance L70 at 60000h

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

Lumen Maintenance

L70 at 60000h

Rated for 70% initial lumen output at 60000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide

Assembled Catalog Number

[RESET](#)

AE-DL-KN-

01 FIXTURE FAMILY

2

Kineta Nano ¹

3

Kineta Mini

3-RF1-SH

Kineta Mini HO ²

4

Kineta

5

Kineta Max

02 REFLECTOR



-RA1

Round adjustable



-RF1

Round fixed



-SA1

Square adjustable ³

Blank

Shallow reflector ²

03 FINISH



BK

Black



WH

White



SP

Specular bright silver



DF

Diffused matte silver

04 VOLTAGE

120-277

V

-UV

120–277V input

05 POWER

-5W

Nano
332lm

-8W

Nano
443–520lm

-10W

Mini
800lm

-15W

Mini
1021–1196lm

-15W

Mini HO
1344–1418lm

-20W

Kineta
1600lm

-25W

Kineta
1722–1913lm

-30W

Max
2605lm

-35W

Max
2451–2719lm

06 DIMMING

0-10V

& TRIAC

-X

Dual dimming 0-10V & TRIAC

07 CCT



-27

2700K



-30

3000K



-35

3500K



-40

4000K

08 DISTRIBUTION

-15

Narrow flood 15°

-24

Flood 24°

-38

Wide flood 38°

-55

Very wide flood 55°

Ordering Guide (continued)

09 TRIM



FAMILY	CATALOG NUMBER	APERTURE	INPUT	POWER · DELIVERED LUMENS
Kineta Nano	AE-DL-KN-2	2in	120-277V	-5W 332lm · -8W 443–520lm
Kineta Mini	AE-DL-KN-3	3in	120-277V	-10W 800lm · -15W 1021–1196lm
Kineta Mini HO	AE-DL-KN-3-RF1-SH	3in	120-277V	-15W 1344–1418lm
Kineta	AE-DL-KN-4	4in	120-277V	-20W 1600lm · -25W 1722–1913lm
Kineta Max	AE-DL-KN-5	5in	120-277V	-30W 2605lm · -35W 2451–2719lm

1. Optical accessories and the IP44 kit are not available for Kineta Nano. 2. Kineta Mini HO carries its round fixed shallow reflector (-RF1-SH) in the catalog number and is supplied in white with a white trim; lumens at 4000K are -15 1480lm · -24 1500lm · -38 1470lm · -55 1425lm. 3. Trimless only available for Round and Round Fixed. All models are IP20 recessed downlights and a junction box is included as standard. Accessories are ordered from pages 04–05; the occupancy sensor is on page 23.

Accessory Ordering Guide

Optical Accessories

RESET

01 ACCESSORY FAMILY

AE-DL-KN-3

Kineta Mini 3in

AE-DL-KN-4

Kineta 4in

AE-DL-KN-5

Kineta Max 5in

3in • 4in • 5in
Kineta Mini, Kineta and Kineta Max ¹

02 TYPE



-COMB
Honeycomb
louver



-SOFTLENS
Soft lens ²

Honeycomb louver • Soft lens
The louver reduces the glare of the light source and luminaire.

IP44 Kit

RESET

01 ACCESSORY FAMILY

AE-DL-KN-3

Kineta Mini 3in

AE-DL-KN-4

Kineta 4in

AE-DL-KN-5

Kineta Max 5in

3in • 4in • 5in
Kineta Mini, Kineta and Kineta Max ¹

02 IP RATING

IP44

kit

-IP44-KIT
IP44 rating kit • the standard fixture is IP20

1. Optical accessories and the IP44 kit are not available for Kineta Nano (2in). 2. Soft lens is not available for Kineta Max (5in). Frame kit and emergency battery backup are on page 05.

Accessory Ordering Guide

New Construction Frame Kit

[RESET](#)

AE-DL-FRKT

01 ACCESSORY FAMILY



AE-DL-FRKT

New construction universal frame kit

02 SHAPE

Blank

Round frame¹

-UNA

Mini square frame

-SQ

Kineta / Max square frame

03 SIZE

-03

Kineta Mini 3in

-04

Kineta 4in

-05

Kineta Max 5in

04 TYPE



-UNV

Universal: T-grid or gypsum ceiling²

Emergency Battery Backup

[RESET](#)

BLD-HM

01 ACCESSORY FAMILY



BLD-HM

Emergency LED driver, remote installation

02 POWER

08D-YYY

8W

15D-YYY

15W

25D-YYY

25W

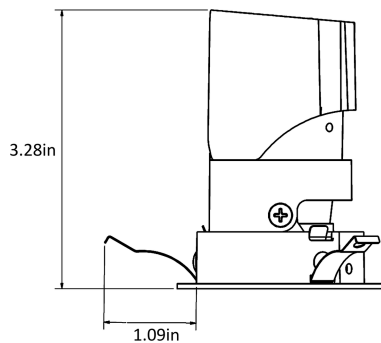
8W • 15W • 25W

Up to 90min of emergency lighting

1. Round frame has no shape code, e.g. AE-DL-FRKT-04-UNV is the 4in round frame kit. 2. The frame kit does not include a junction box: Kineta Series fixtures come with a junction box as standard. Accessories are ordered separately and field installed. Accessory dimensions and specifications are on pages 12–13; the occupancy sensor and the dimmer list are on page 23.

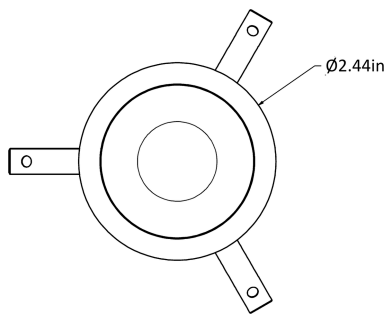
Dimensions - Kineta Nano

All dimensions in inches. [Install Instruction link](#)



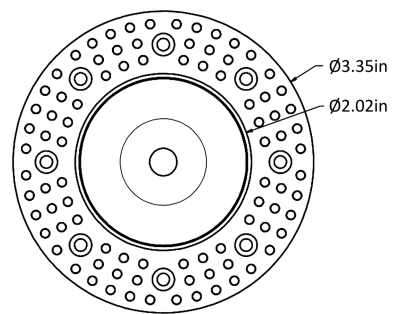
Round Trim

Side view



Round Trim

Plan view



Round Trimless

Plan view

Cut-Out & Installation

Ceiling cut-out **Ø 2.16in ±0.10in**

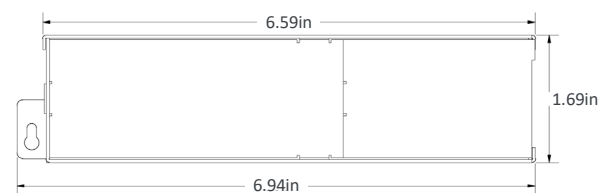
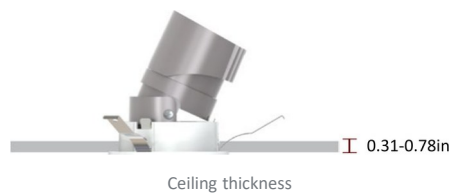
Ceiling thickness **0.31–0.78in**

Tilt **30° (RA1)**

Rotation **Up to 355°**

Fixing **Spring-action clips**

Junction box **Included as standard**



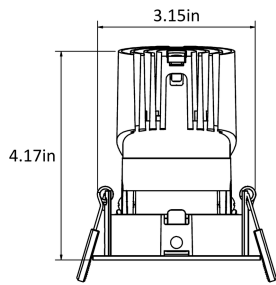
Driver

Remote driver · top and side views



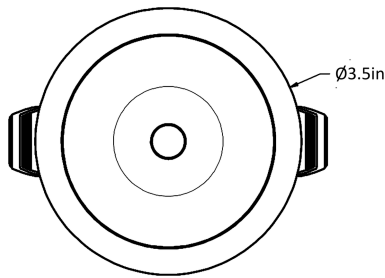
Dimensions - Kineta Mini

All dimensions in inches. [Install Instruction link](#)



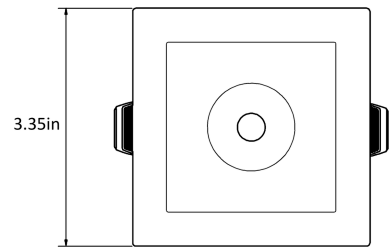
Round Trim

Side view



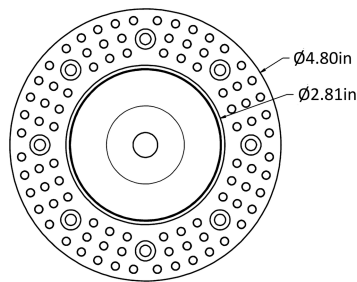
Round Trim

Plan view



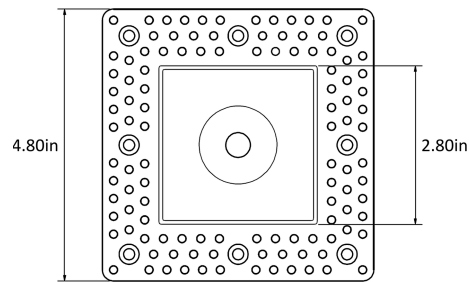
Square Trim

Plan view



Round Trimless

Plan view

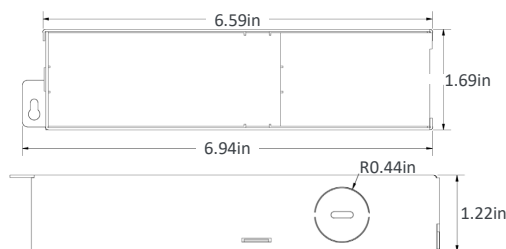
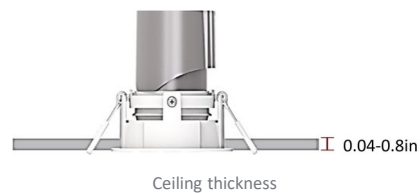


Square Trimless

Plan view

Cut-Out & Installation

Cut-out, round	Ø 3.25in ±0.10in
Cut-out, square	2.95 × 2.95in
Ceiling thickness	0.04–0.8in
Tilt	30° (RA1 · SA1)
Rotation	Up to 355°
Fixing	Spring-action clips
Junction box	Included as standard

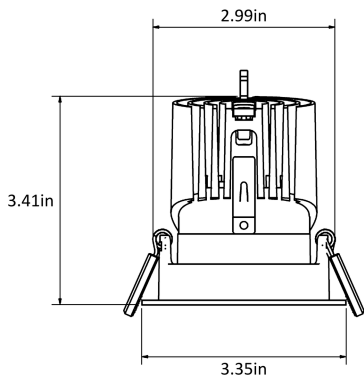


Driver

Remote driver · top and side views

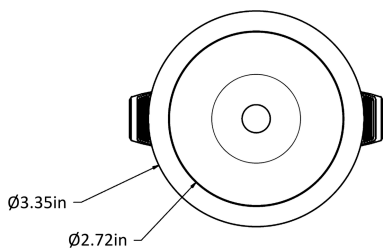
Dimensions - Kineta Mini HO

All dimensions in inches. [Install Instruction link](#)



Round Trim

Side view

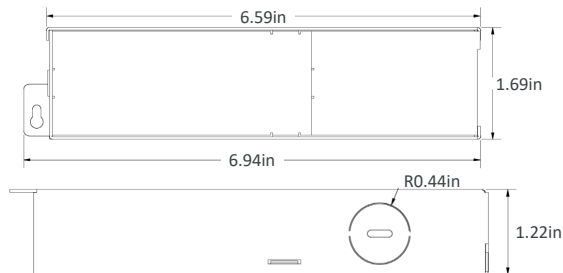
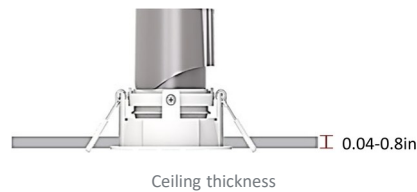


Round Trim

Plan view

Cut-Out & Installation

Ceiling cut-out	Ø 3.25in ±0.10in
Ceiling thickness	0.04–0.8in
Reflector	Round fixed, shallow
Rotation	Up to 355°
Fixing	Spring-action clips
Junction box	Included as standard

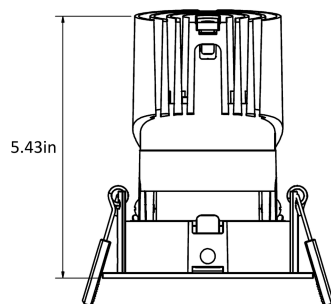


Driver

Remote driver - top and side views

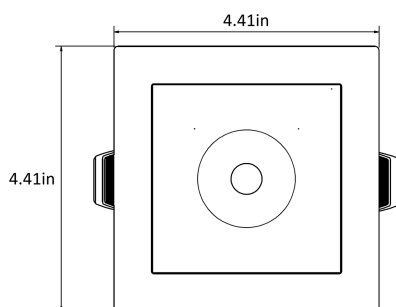
Dimensions - Kineta

All dimensions in inches. [Install Instruction link](#)



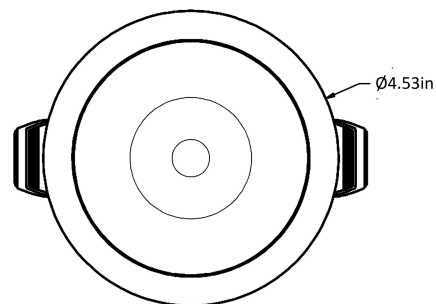
Round Trim

Side view



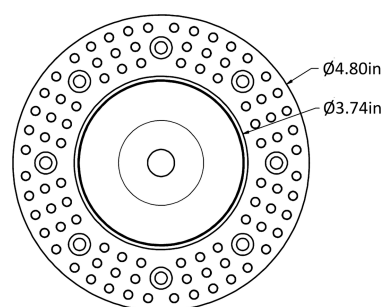
Square Trim

Plan view



Round Trim

Plan view

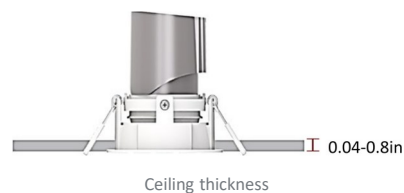


Round Trimless

Plan view

Cut-Out & Installation

Cut-out, round	Ø 3.93in ±0.10in
Cut-out, square	3.93 × 3.93in
Ceiling thickness	0.04–0.8in
Tilt	30° (RA1 · SA1)
Rotation	Up to 355°
Fixing	Spring-action clips
Junction box	Included as standard

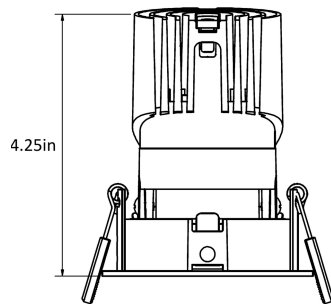


Driver

Remote driver · top and side views

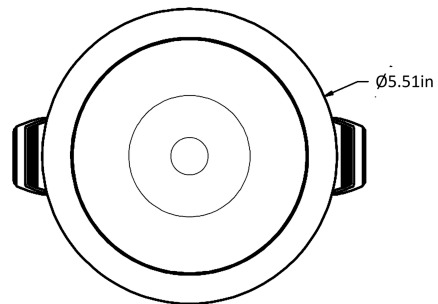
Dimensions - Kineta Max

All dimensions in inches. [Install Instruction link](#)



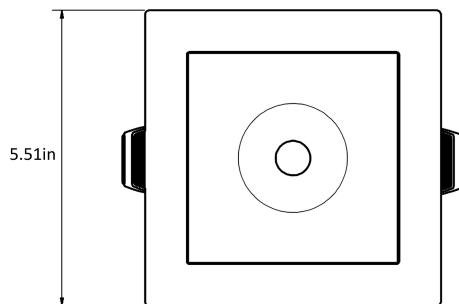
Round Trim

Side view



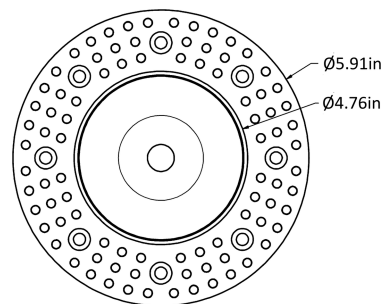
Round Trim

Plan view



Square Trim

Plan view

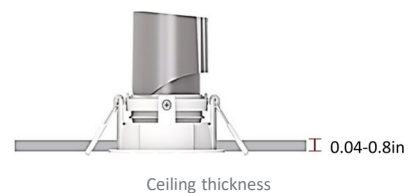


Round Trimless

Plan view

Cut-Out & Installation

Cut-out, round	Ø 4.9in ±0.10in
Cut-out, square	4.92 × 4.92in
Ceiling thickness	0.04–0.8in
Tilt	30° (RA1 · SA1)
Rotation	Up to 355°
Fixing	Spring-action clips
Junction box	Included as standard



Driver

Remote driver · top and side views

Trim & Reflector Options

Reflector



Rotation up to 355° · Tilt 30° (RA1 – SA1)



White

Round Adjustable (RA1)



White

Round Fix (RF1)



White

Square Adjustable (SA1)
Maximizes and diffuses light, providing soft and even illumination.



Bright Silver

Round Adjustable (RA1)



Bright Silver

Round Fix (RF1)



Bright Silver

Square Adjustable (SA1)
Directs light precisely, producing sharp highlights and enhancing brightness.



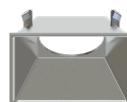
Diffused Silver

Round Adjustable (RA1)



Diffused Silver

Round Fix (RF1)



Diffused Silver

Square Adjustable (SA1)
Evenly scatters light, creating a soft, balanced illumination with reduced glare.



Black

Round Adjustable (RA1)



Black

Round Fix (RF1)



Black

Square Adjustable (SA1)
Absorbs light, creating a focused and dramatic effect with minimized glare.

Trim



-WHT

White
Round trim ring



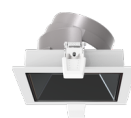
-WHT

White
Round, installed



-WHT

White
Square trim ring



-WHT

White
Square, installed



-BKT

Black
Round



-BKT

Black
Square



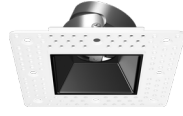
-WH-TL

White trimless
Round ring



-WH-TL

White trimless
Round, installed



-WH-TL

White trimless
Square



-BK-TL

Black trimless
Round



-BK-TL

Black trimless
Square

Kineta Max trimless codes are -BKT-TL and -WHT-TL (page 02).

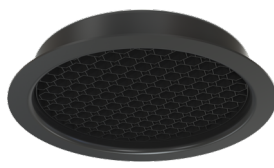
Accessory Dimensions

Optical Accessories

AE-DL-KN-3-COMB	Honeycomb louver
AE-DL-KN-3-SOFTLENS	Softening glass lens



-COMB
Honeycomb louver



-COMB
Honeycomb louver



-SOFTLENS
Soft lens

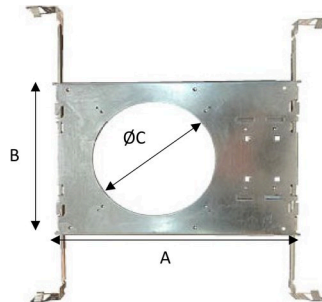
IP44 Kit

AE-DL-KN-3-IP44-KIT	Kineta Mini IP44 kit
AE-DL-KN-4-IP44-KIT	Kineta IP44 kit
AE-DL-KN-5-IP44-KIT	Kineta Max IP44 kit

New Construction Frame Kit

AE-DL-FRKT-03-UNV	3in round · Ø 2.95in opening
AE-DL-FRKT-UNA-03-UNV	3in square · 3.15 × 3.15in opening
AE-DL-FRKT-04-UNV	4in round · Ø 4.50in opening
AE-DL-FRKT-SQ-04-UNV	4in square · 4 × 4in opening
AE-DL-FRKT-05-UNV	5in round · Ø 5.50in opening

Material	22-gauge galvanized steel
Mounting	T-grid · Gypsum ceiling
Ceiling thickness	~1.5in max.
Length (A)	12.75in
Width (B)	8.63in
Opening (C)	per part number



Accessories are ordered separately and field installed.

Accessory Dimensions

Emergency Battery Backup

BLD-HM08D-YYY

BLD-HM15D-YYY

BLD-HM25D-YYY

Emergency LED driver, 8W

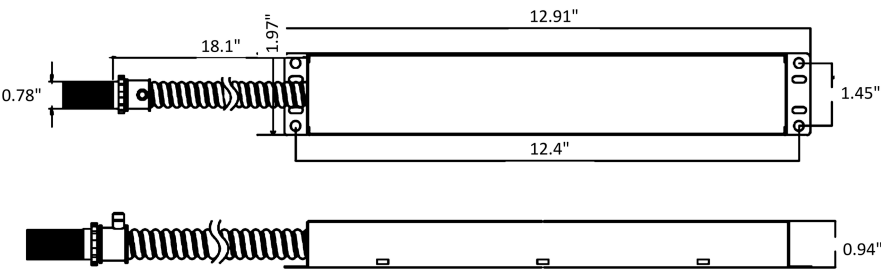
Emergency LED driver, 15W

Emergency LED driver, 25W

Input voltage	100–347V
Power frequency	50/60Hz
Input power	6W max · 12W · 12W
Output voltage	170V DC
Output power	8W · 15W · 25W
Ambient	0°C to 50°C · 30°F to 122°F
Installation	Remote



UL listed for field and factory installation. Switches to emergency mode during a power failure and provides up to 90min of light; battery, charger and converter are integrated. It delivers 8W, 15W or 25W constant power at 170V DC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.



All dimensions in inches. Accessories are ordered separately and field installed.

Photometric Data - Kineta Nano

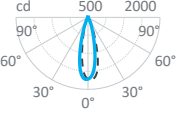
Lumen Estimate Adjustment Factors

2700K × **0.80** 3000K × **0.86** 3500K × **0.93** 4000K × **0.93**

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

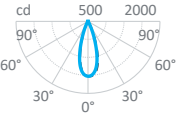
AE-DL-KN-2

15° NARROW FLOOD

		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	336.35	76.00		1.7ft	593	0.8ft 0.8ft
Wattage	8.1W	0-30°	413.14	93.35		3.3ft	157	1.6ft 1.6ft
CCT	3000K	0-40°	428.40	96.80		5.0ft	68.6	2.4ft 2.4ft
Distribution	26°	0-60°	431.46	97.49		6.7ft	38.2	3.2ft 3.2ft
SIZE	2in	0-80°	431.62	97.52		8.3ft	24.9	3.9ft 3.9ft
		0-90°	431.70	97.54		10.0ft	17.1	4.7ft 4.7ft
						Vert. spread		26.5°
						Horiz. spread		26.5°

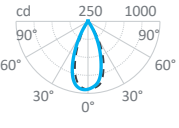
AE-DL-KN-2

24° FLOOD

		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	379.41	73.47		1.7ft	527	1.0ft 1.0ft
Wattage	8.1W	0-30°	483.76	93.68		3.3ft	140	2.0ft 2.0ft
CCT	3000K	0-40°	500.75	96.97		5.0ft	60.9	3.0ft 3.0ft
Distribution	34°	0-60°	503.51	97.50		6.7ft	33.9	4.0ft 4.1ft
SIZE	2in	0-80°	503.68	97.54		8.3ft	22.1	5.0ft 5.0ft
		0-90°	503.77	97.56		10.0ft	15.2	6.0ft 6.1ft
						Vert. spread		33.5°
						Horiz. spread		33.7°

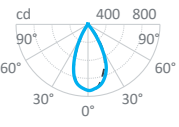
AE-DL-KN-2

38° WIDE FLOOD

		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	291.34	56.06		1.7ft	326	1.4ft 1.4ft
Wattage	8.2W	0-30°	456.58	87.85		3.3ft	86.5	2.7ft 2.7ft
CCT	3000K	0-40°	503.18	96.81		5.0ft	37.7	4.1ft 4.1ft
Distribution	44°	0-60°	506.88	97.53		6.7ft	21.0	5.5ft 5.5ft
SIZE	2in	0-80°	507.05	97.56		8.3ft	13.7	6.8ft 6.8ft
		0-90°	507.14	97.58		10.0ft	9.42	8.1ft 8.2ft
						Vert. spread		44.3°
						Horiz. spread		44.7°

AE-DL-KN-2

55° VERY WIDE FLOOD

		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	235.57	47.75		1.7ft	254	1.6ft 1.6ft
Wattage	8.2W	0-30°	402.28	81.54		3.3ft	67.3	3.2ft 3.1ft
CCT	3000K	0-40°	474.36	96.15		5.0ft	29.3	4.8ft 4.7ft
Distribution	51°	0-60°	481.14	97.52		6.7ft	16.3	6.4ft 6.4ft
SIZE	2in	0-80°	481.33	97.56		8.3ft	10.6	7.9ft 7.9ft
		0-90°	481.42	97.58		10.0ft	7.33	9.6ft 9.5ft
						Vert. spread		51.1°
						Horiz. spread		50.8°

Photometric Data - Kineta Mini

Lumen Estimate Adjustment Factors

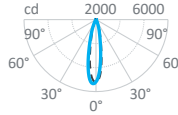
2700K × 0.8 3000K × 0.86 3500K × 0.93 4000K × 0.93

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-DL-KN-3

15° NARROW FLOOD

	Wattage	13.5W	0-20°	789.46	77.34
	CCT	3000K	0-30°	954.70	93.52
	Distribution	21°	0-40°	986.01	96.59
	SIZE	3in	0-60°	992.35	97.21
			0-80°	994.30	97.40
			0-90°	994.54	97.43

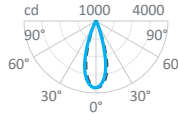


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	1792	0.6ft 0.6ft
3.3ft	476	1.2ft 1.2ft
5.0ft	207	1.9ft 1.8ft
6.7ft	115	2.5ft 2.4ft
8.3ft	75.2	3.1ft 3.0ft
10.0ft	51.8	3.7ft 3.6ft
Vert. spread		21.2°
Horiz. spread		20.4°

AE-DL-KN-3

24° FLOOD

	Wattage	13.5W	0-20°	891.71	77.94
	CCT	3000K	0-30°	1079.31	94.34
	Distribution	33°	0-40°	1109.18	96.95
	SIZE	3in	0-60°	1113.93	97.36
			0-80°	1115.04	97.46
			0-90°	1115.28	97.48

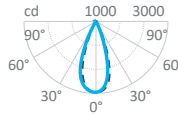


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	1281	1.0ft 1.0ft
3.3ft	340	1.9ft 1.9ft
5.0ft	148	2.9ft 2.9ft
6.7ft	82.5	3.9ft 3.9ft
8.3ft	53.7	4.9ft 4.9ft
10.0ft	37.0	5.9ft 5.9ft
Vert. spread		32.8°
Horiz. spread		32.6°

AE-DL-KN-3

38° WIDE FLOOD

	Wattage	13.5W	0-20°	847.33	70.85
	CCT	3000K	0-30°	1126.57	94.20
	Distribution	39°	0-40°	1159.21	96.93
	SIZE	3in	0-60°	1164.49	97.37
			0-80°	1165.81	97.48
			0-90°	1166.06	97.51



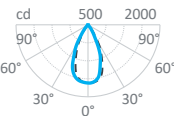
DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	1020	1.2ft 1.2ft
3.3ft	271	2.3ft 2.3ft
5.0ft	118	3.5ft 3.5ft
6.7ft	65.7	4.7ft 4.7ft
8.3ft	42.8	5.9ft 5.8ft
10.0ft	29.5	7.1ft 7.0ft
Vert. spread		39.0°
Horiz. spread		38.7°

Photometric Data - Kineta Mini

AE-DL-KN-3

55° VERY WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	527.70	48.51
Wattage	13.7W	0-30°	883.31	81.21
CCT	3000K	0-40°	1031.38	94.82
Distribution	49°	0-60°	1058.15	97.28
SIZE	3in	0-80°	1059.94	97.45
		0-90°	1060.19	97.47



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	559	1.6ft	1.5ft
3.3ft	148	3.1ft	3.0ft
5.0ft	64.6	4.7ft	4.5ft
6.7ft	36.0	6.2ft	6.1ft
8.3ft	23.5	7.7ft	7.5ft
10.0ft	16.2	9.3ft	9.1ft
Vert. spread		50.0°	
Horiz. spread		48.9°	

Photometric Data - Kineta Mini HO

Lumen Estimate Adjustment Factors

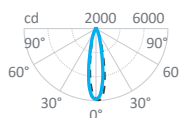
2700K × 0.95 3000K × 1 3500K × 1.04 4000K × 1.06

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-DL-KN-3

15° NARROW FLOOD

		ZONE	LUMENS	% FIXTURE
Wattage	13.6W	0-20°	946.50	67.74
CCT	3000K	0-30°	1201.19	85.97
Distribution	22°	0-40°	1309.60	93.72
SIZE	3in	0-60°	1385.45	99.15
		0-80°	1396.61	99.95
		0-90°	1397.28	100.00

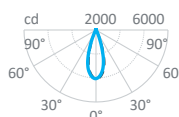


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2034	0.7ft	0.7ft
3.3ft	540	1.3ft	1.3ft
5.0ft	235	2.0ft	2.0ft
6.7ft	131	2.6ft	2.6ft
8.3ft	85.3	3.3ft	3.3ft
10.0ft	58.8	3.9ft	3.9ft
Vert. spread			22.2°
Horiz. spread			22.3°

AE-DL-KN-3

24° FLOOD

		ZONE	LUMENS	% FIXTURE
Wattage	13.5W	0-20°	1012.60	71.42
CCT	3000K	0-30°	1282.73	90.47
Distribution	34°	0-40°	1356.65	95.68
SIZE	3in	0-60°	1410.06	99.45
		0-80°	1417.36	99.96
		0-90°	1417.91	100.00

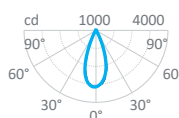


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1402	1.0ft	1.0ft
3.3ft	372	2.0ft	2.0ft
5.0ft	162	3.1ft	3.0ft
6.7ft	90.3	4.1ft	4.1ft
8.3ft	58.8	5.1ft	5.1ft
10.0ft	40.5	6.1ft	6.1ft
Vert. spread			33.9°
Horiz. spread			33.9°

AE-DL-KN-3

38° WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
Wattage	13.5W	0-20°	889.97	64.22
CCT	3000K	0-30°	1232.48	88.94
Distribution	39°	0-40°	1315.60	94.93
SIZE	3in	0-60°	1375.97	99.29
		0-80°	1385.21	99.96
		0-90°	1385.80	100.00



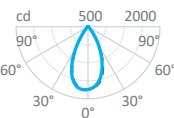
DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1085	1.2ft	1.2ft
3.3ft	288	2.3ft	2.3ft
5.0ft	125	3.5ft	3.5ft
6.7ft	69.8	4.8ft	4.7ft
8.3ft	45.5	5.9ft	5.9ft
10.0ft	31.4	7.1ft	7.1ft
Vert. spread			39.0°
Horiz. spread			38.9°

Photometric Data - Kineta Mini HO

AE-DL-KN-3

55° VERY WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	574.26	42.74
Wattage	13.5W	0-30°	1000.32	74.45
CCT	3000K	0-40°	1225.97	91.24
Distribution	52°	0-60°	1330.00	98.99
SIZE	3in	0-80°	1342.96	99.95
		0-90°	1343.62	100.00



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	603	1.6ft	1.6ft
3.3ft	160	3.2ft	3.2ft
5.0ft	69.7	4.8ft	4.8ft
6.7ft	38.8	6.5ft	6.5ft
8.3ft	25.3	8.0ft	8.0ft
10.0ft	17.4	9.7ft	9.7ft
Vert. spread		51.7°	
Horiz. spread		51.6°	

Photometric Data - Kineta

Lumen Estimate Adjustment Factors

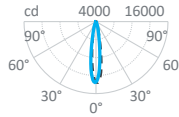
2700K × **0.94** 3000K × **1** 3500K × **1.02** 4000K × **1.03**

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-DL-KN-4

15° NARROW FLOOD

	WATTAGE	ZONE	LUMENS	% FIXTURE
Wattage	22.8W	0-20°	1427.60	82.93
CCT	3000K	0-30°	1625.10	94.40
Distribution	16°	0-40°	1663.19	96.61
SIZE	4in	0-60°	1674.06	97.24
		0-80°	1676.23	97.37
		0-90°	1676.66	97.39

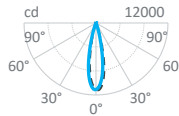


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	4643	0.5ft 0.5ft
3.3ft	1232	0.9ft 1.0ft
5.0ft	537	1.4ft 1.5ft
6.7ft	299	1.9ft 1.9ft
8.3ft	195	2.4ft 2.4ft
10.0ft	134	2.9ft 2.9ft
Vert. spread		16.3°
Horiz. spread		16.6°

AE-DL-KN-4

24° FLOOD

	WATTAGE	ZONE	LUMENS	% FIXTURE
Wattage	22.8W	0-20°	1651.21	88.15
CCT	3000K	0-30°	1781.92	95.13
Distribution	23°	0-40°	1814.81	96.88
SIZE	4in	0-60°	1823.47	97.34
		0-80°	1825.22	97.44
		0-90°	1825.64	97.46

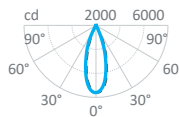


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	3835	0.7ft 0.7ft
3.3ft	1018	1.3ft 1.3ft
5.0ft	443	2.0ft 2.0ft
6.7ft	247	2.7ft 2.7ft
8.3ft	161	3.4ft 3.4ft
10.0ft	111	4.1ft 4.0ft
Vert. spread		23.0°
Horiz. spread		22.9°

AE-DL-KN-4

38° WIDE FLOOD

	WATTAGE	ZONE	LUMENS	% FIXTURE
Wattage	22.8W	0-20°	1362.70	72.06
CCT	3000K	0-30°	1785.57	94.42
Distribution	33°	0-40°	1830.81	96.81
SIZE	4in	0-60°	1841.53	97.38
		0-80°	1843.19	97.46
		0-90°	1843.60	97.49



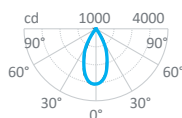
DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	1936	1.0ft 1.0ft
3.3ft	514	2.0ft 2.0ft
5.0ft	224	3.0ft 3.0ft
6.7ft	125	4.0ft 4.0ft
8.3ft	81.2	5.0ft 5.0ft
10.0ft	56.0	6.0ft 6.0ft
Vert. spread		33.5°
Horiz. spread		33.2°

Photometric Data - Kineta

AE-DL-KN-4

55° VERY WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	937.16	48.99
Wattage	22.9W	0-30°	1575.78	82.37
CCT	3000K	0-40°	1834.74	95.91
Distribution	47°	0-60°	1862.91	97.38
SIZE	4in	0-80°	1865.02	97.50
		0-90°	1865.43	97.52



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1060	1.5ft	1.5ft
3.3ft	281	2.9ft	2.8ft
5.0ft	123	4.4ft	4.3ft
6.7ft	68.3	5.9ft	5.8ft
8.3ft	44.5	7.4ft	7.1ft
10.0ft	30.6	8.9ft	8.6ft
Vert. spread		47.9°	
Horiz. spread		46.5°	

Photometric Data - Kineta Max

Lumen Estimate Adjustment Factors

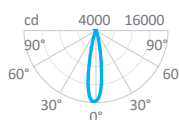
2700K × 0.95 3000K × 1.03 3500K × 1.05 4000K × 1.02

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-DL-KN-5

15° NARROW FLOOD

	Wattage	31.8W	0-20°	2044.95	82.63
	CCT	3000K	0-30°	2293.44	92.67
	Distribution	20°	0-40°	2365.08	95.57
	SIZE	5in	0-60°	2394.80	96.77
			0-80°	2406.23	97.23
			0-90°	2408.06	97.30

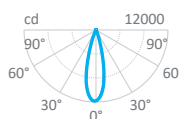


DISTANCE	CENTER Fc	BEAM WIDTH
2.5ft	2498	0.9ft 0.9ft
5.0ft	625	1.8ft 1.7ft
7.5ft	278	2.6ft 2.6ft
10.0ft	156	3.5ft 3.4ft
12.5ft	99.9	4.4ft 4.3ft
15.0ft	69.4	5.3ft 5.2ft
Vert. spread		20.0°
Horiz. spread		19.5°

AE-DL-KN-5

24° FLOOD

	Wattage	31.6W	0-20°	2181.50	82.76
	CCT	3000K	0-30°	2464.56	93.50
	Distribution	26°	0-40°	2526.00	95.83
	SIZE	5in	0-60°	2555.05	96.93
			0-80°	2566.99	97.38
			0-90°	2568.12	97.42

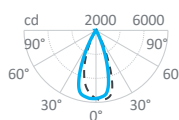


DISTANCE	CENTER Fc	BEAM WIDTH
2.5ft	1886	1.2ft 1.2ft
5.0ft	472	2.4ft 2.3ft
7.5ft	210	3.5ft 3.5ft
10.0ft	118	4.7ft 4.6ft
12.5ft	75.4	5.9ft 5.8ft
15.0ft	52.4	7.1ft 7.0ft
Vert. spread		26.6°
Horiz. spread		26.1°

AE-DL-KN-5

38° WIDE FLOOD

	Wattage	31.6W	0-20°	1753.40	64.49
	CCT	3000K	0-30°	2484.51	91.38
	Distribution	41°	0-40°	2603.62	95.76
	SIZE	5in	0-60°	2638.79	97.05
			0-80°	2649.87	97.46
			0-90°	2650.90	97.50



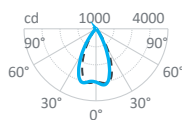
DISTANCE	CENTER Fc	BEAM WIDTH
2.5ft	909	1.9ft 1.9ft
5.0ft	227	3.8ft 3.7ft
7.5ft	101	5.8ft 5.6ft
10.0ft	56.8	7.7ft 7.4ft
12.5ft	36.4	9.6ft 9.3ft
15.0ft	25.3	11.5ft 11.2ft
Vert. spread		41.9°
Horiz. spread		40.8°

Photometric Data - Kineta Max

AE-DL-KN-5

55° VERY WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1090.45	44.49
Wattage	31.8W	0-30°	1903.50	77.66
CCT	3000K	0-40°	2279.07	92.98
Distribution	52°	0-60°	2369.11	96.66
SIZE	5in	0-80°	2387.48	97.40
		0-90°	2388.71	97.46



DISTANCE	CENTER Fc	BEAM WIDTH	
2.5ft	473	2.5ft	2.3ft
5.0ft	118	5.1ft	4.6ft
7.5ft	52.6	7.6ft	6.9ft
10.0ft	29.6	10.1ft	9.2ft
12.5ft	18.9	12.6ft	11.5ft
15.0ft	13.1	15.2ft	13.8ft
Vert. spread			53.6°
Horiz. spread			49.5°

Sensor & Dimming

Bluetooth Sensors ARIA PLUS · BLE

Ceiling sensors with power pack

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Compatible power pack		
					 PPA103S 360W 120–347V	 PPA102S 720W 120–277V	 PPA104S.B1 2400W 120–277V
 EFS107 Recessed	PIR	50ft	200ft	0-10V Dimming	●	●	●
 EFS107E Surface mount Daisy chain	PIR Ultrasonic	64ft	200ft	0-10V Dimming	●	●	●

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 Detecta AE-CT-DT806	PIR Microphonics	9.8–32.75ft	IR remote	On/Off	Ceiling · no power pack
Remote control RC102					

Please refer to spec sheet for exact specifications for all items above.

Dimmer List

Dimmer Compatibility — TRIAC

Leviton	IPM10 · 6674 · AWSMT-EB
Lutron	DVCL-153P · NTLV-603P · GT-250M
	MACL-153M · PD-6WCL · DSL06 · DV-600P · RRD-10ND

Dimmer Compatibility — ELV

Lutron	NTELV-300 · SELV-300P
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Compatibility verified by Eralux at time of publication. For dimmers not listed, contact the factory.