

KINETA SERIES

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

The KINETA Series recessed downlight available in multiple sizes (2", 3" and 4") offers a range of optical options and can be configured adjustable or fixed. Variety of reflectors and trim finishes available making it an attractive addition. It comes in either round or square shape, in addition to round trimless option. It is available in two power options ranging from 5 W – 332 lm to 35 W – 3040 lm and offers a dual dimming option and multiple CCTs Applications: Art Galleries | Show Rooms | Retail Stores | Hospitality | Office.

eralux®

DATE

QTY

ACC. QTY

TYPE

PROJECT

PN

ACCESSORY PN

NOTES



DYNAMIC MENU

Order Information

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SPECIFICATIONS

Input Voltage	120-277V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming Page 13	TRIAC & 0-10V dimming (down 10%)
CRI	90 CRI
CCT	27K 30K 35K 40K
Efficacy	~80 lm/W
Size and Power	2 in 5 W – 8 W 3 in 10 W – 15 W 4 in 20 W – 25 W 5 in 30 W – 35 W
Ambient Temperature Range	-20°C to 40°C
Mounting Options	New construction Retrofit
Reflector Finish	
Trim Shape	Trim Trimless
Trim Finish	
Optical Accessories	Honeycomb louver Soft lens
Distribution	15° 24° 38° 55°



PRODUCT FEATURE



IP20



Optional



Emergency
backup battery

PRODUCT CERTIFICATIONS



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 60,000 hours

Rated for 70% initial lumen output at 60,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

 ORDERING GUIDE – KINETA NANO | 2"

AE-DL-KN-2			-UV		-X			
AE-DL-KN-2 KINETA NANO Recessed downlight 2-inch IP20	-RA1 Round Adjustable -RF1 Round Fixed	BK Black WH White SP Specular Bright Silver DF Diffused Matte Silver	-UV 120-277V Input	-5W 5W 332 Lm -8W 8W 440 Lm	-X Dual Dimming 0-10V & TRIAC	-27 2700K -30 3000K -35 3500K -40 4000K	-15 Narrow Flood 15° -24 Flood 24° -38 Wide Flood 38° -55 Very Wide flood 55°	-WHT White -BKT Black -BK-TL Black Trimless -WH-TL White Trimless
Fixture Family	Reflector Finish		Voltage	Power	Dimming	CCT	Distribution	Trim

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square



ORDERING GUIDE – KINETA MINI | 3"

AE-DL-KN-3			-UV		-X			
AE-DL-KN-3 KINETA MINI Recessed downlight 3-inch IP20	-RA1 Round Adjustable -RF1 Round Fixed -SA1 ¹ Square Adjustable	BK Black WH White SP Specular Bright Silver DF Diffused Matt Silver	-UV 120-277V Input	-10W 10W 800 Lm -15W 15W 1100 Lm	-X Dual Dimming 0-10V & TRIAC	-27 2700K -30 3000K -35 3500K -40 4000K	-15 Narrow Flood 15° -24 Flood 24° -38 Wide Flood 38° -55 Very Wide flood 55°	-WHT White -BKT Black -BK-TL Black Trimless -WH-TL White Trimless
Fixture Family	Reflector Finish		Voltage	Power	Dimming	CCT	Distribution	Trim



ORDERING GUIDE – KINETA MINI HO | 3"

AE-DL-KN-3	-RF1-SH	WH	-UV	-15W	-X			-WHT
AE-DL-KN-3 KINETA MINI Recessed downlight 3-inch IP20	-RF1-SH Round Fixed HO reflector	WH White	-UV 120-277V Input	-15W 15W ~1500 Lm	-X Dual Dimming 0-10V & TRIAC	-27 2700K -30 3000K -35 3500K -40 4000K	-15 Narrow Flood 15° 1480 lm @40K -24 Flood 24° 1500 lm @40K -38 Wide Flood 38° 1470 lm @40K -55 Very Wide flood 55° 1425 lm @40K	-WHT White Trim
Fixture Family	Reflector Finish		Voltage	Power	Dimming	CCT	Distribution	Trim

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square



ORDERING GUIDE – KINETA | 4"

AE-DL-KN-4			-UV		-X			
AE-DL-KN-4 ERALUX KINETA Recessed downlight 4-inch IP20	-RA1 Round Adjustable -RF1 Round Fixed -SA1 ¹ Square Adjustable	BK Black WH White SP Specular Bright Silver DF Diffused Matte Silver	-UV 120-277V Input	-20W 20W 1600 lm -25W 25W 2000 lm	-X Dual Dimming 0-10V & TRIAC	-27 2700K -30 3000K -35 3500K -40 4000K	-15 Narrow Flood 15° -24 Flood 24° -38 Wide Flood 38° -55 Very Wide flood 55°	-WHT White -BKT Black -BK-TL ¹ Black Trimless -WH-TL ¹ White Trimless
Fixture Family	Reflector Finish		Voltage	Power	Dimming	CCT	Distribution	Trim

1. Trimless only available in Round and Round Fixed



ORDERING GUIDE – KINETA MAX | 5"

AE-DL-KN-5			-UV		-X			
AE-DL-KN-5 ERALUX KINETA MAX Recessed Downlight 5-inch IP20	-RA1 Round Adjustable -RF1 Round Fixed -SA1 ¹ Square Adjustable	BK Black WH White SP Specular Bright Silver DF Diffused Matte Silver	-UV 120-277V Input	-30W 30W 2605 lm -35W 35W 3040 lm	-X Dual- Dimming 0-10V & TRIAC	-27 2700K -30 3000K -35 3500K -40 4000K	-15 Narrow Flood 15° -24 Flood 24° -38 Wide Flood 38° -55 Very Wide Flood 55°	-WHT White -BKT Black -BKT-TL ¹ Black Trimless -WHT-TL ¹ White Trimless
Fixture Family	Reflector Finish		Voltage	Power	Dimming	CCT	Distribution	Trim

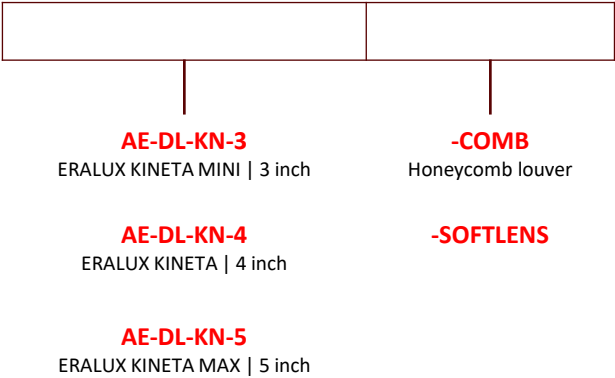
1. Trimless only available for Round and Round Fixed.

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square



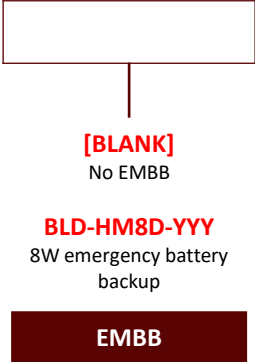
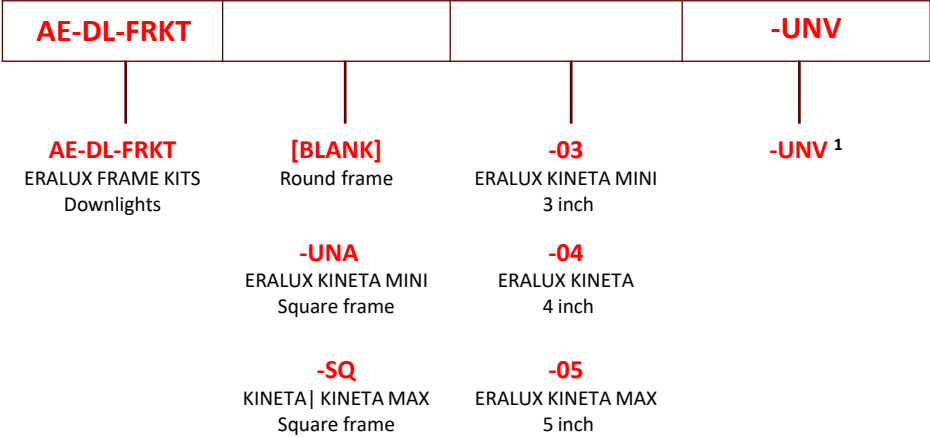
ORDERING GUIDE – ACCESSORIES | IP



Accessory Family ¹ SIZE	TYPE	IP Rating ²
NOTES	1. Optical Accessories not available for the KINETA NANO - 2 inch 2. IP44 Rating not available for the KINETA NANO - 2 inch	



ORDERING GUIDE – FRAME KIT | EMBB



Fixture Family	Shape	SIZE	TYPE
NOTES	1. Junction Box is not included since KINETA SERIES comes with a junction box by default.		

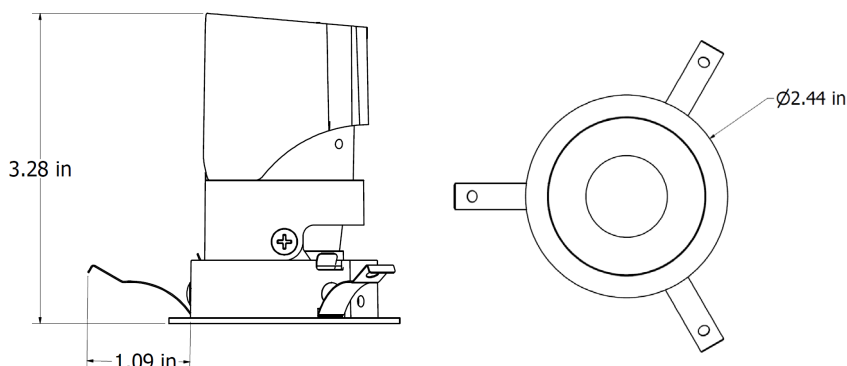
LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

DIMENSIONS – KINETA NANO

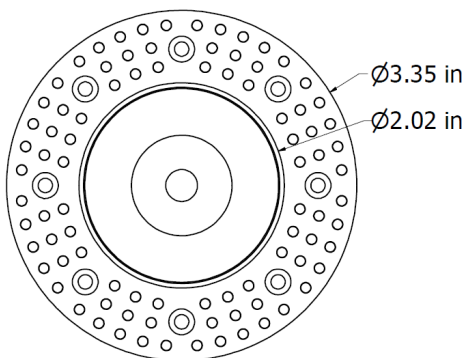
AE-DL-KN-2

Round Trim



Ceiling Cut out
2.16"±0.10" Ø

Round Trimless

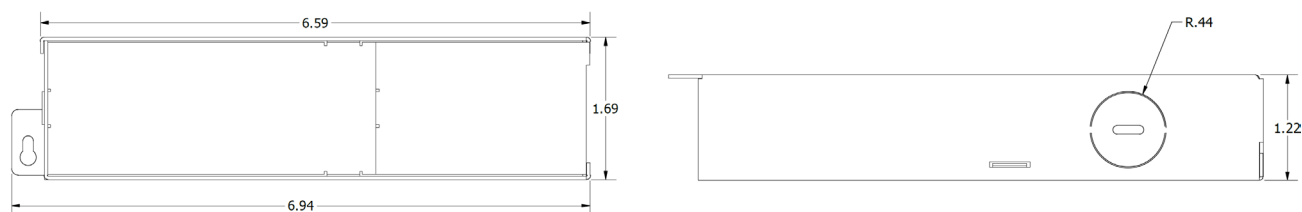


Ceiling Cut out
2.16"±0.10" Ø

Ceiling Thickness



Driver



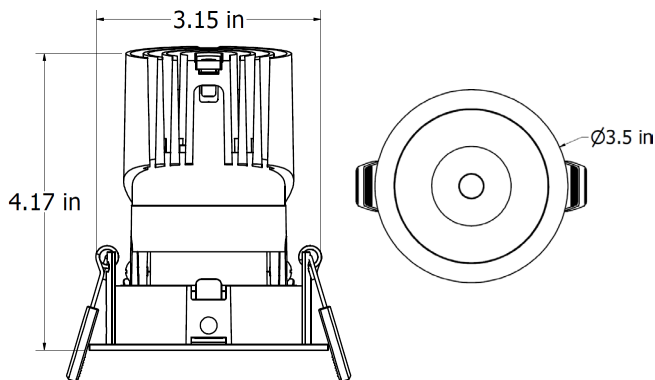
LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

DIMENSIONS – KINETA MINI

AE-DL-KN-3

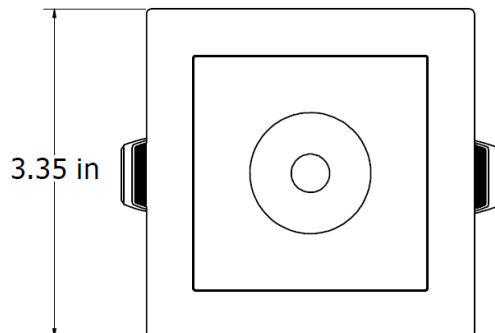
Round Trim



Ceiling Cut out
3.25"±0.10" Ø



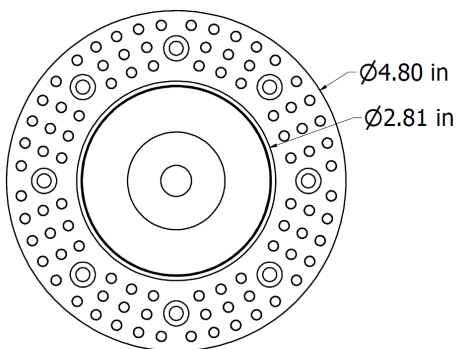
Square Trim



Ceiling Cut out
2.95"X2.95"



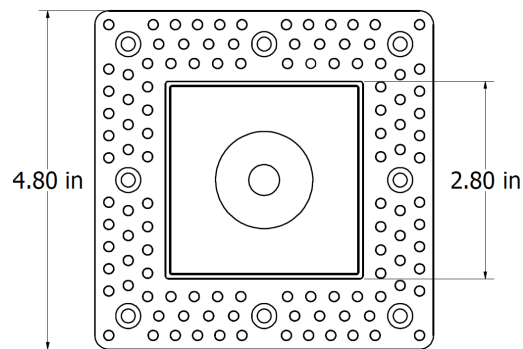
Round Trimless



Ceiling Cut out
3.25"±0.10" Ø



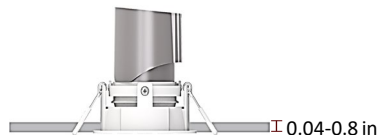
Square Trimless



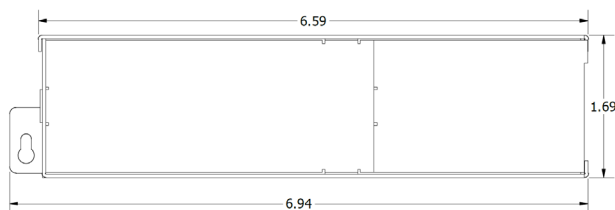
Ceiling Cut out
2.95"X2.95"



Ceiling Thickness



Driver



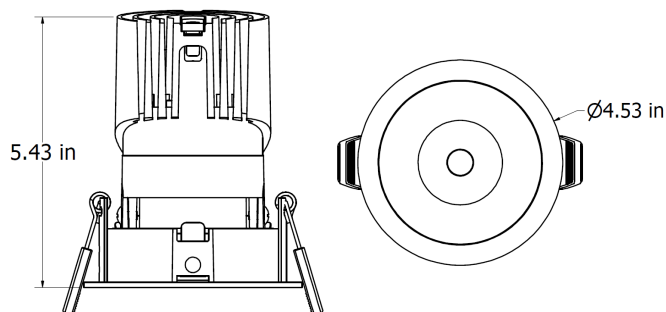
LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

DIMENSIONS – KINETA

AE-DL-KN-4

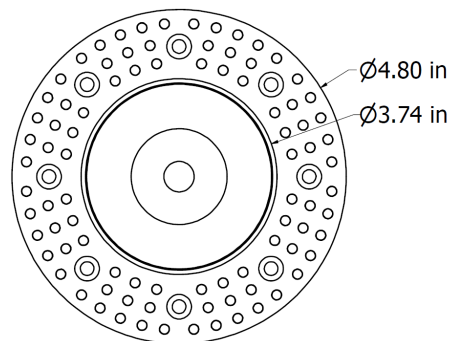
Round Trim



Ceiling Cut out
3.93"±0.10" Ø



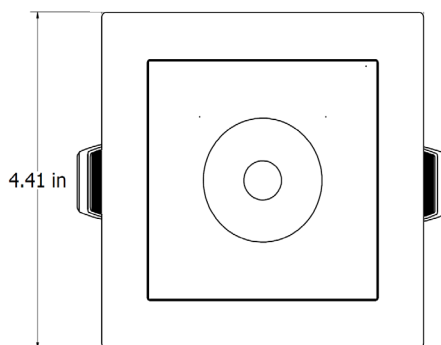
Round Trimless



Ceiling Cut out
3.93"±0.10" Ø



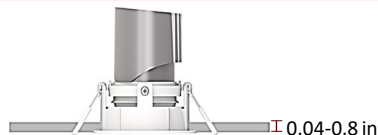
Square Trim



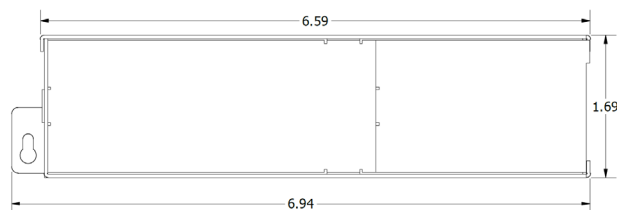
Ceiling Cut out
3.93"x3.93"



Ceiling Thickness



Driver



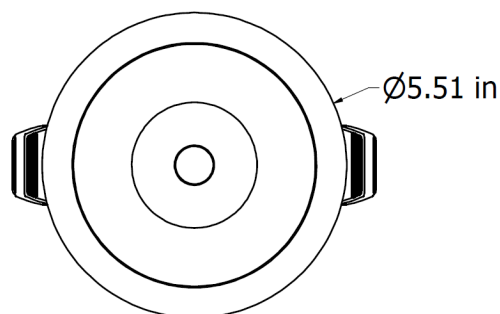
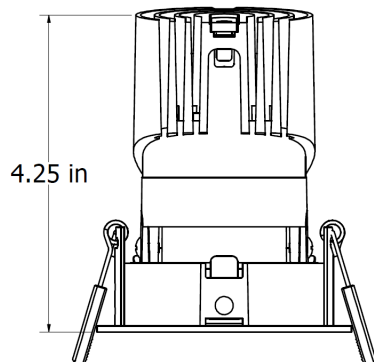
LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

DIMENSIONS – KINETA MAX

AE-DL-KN-5

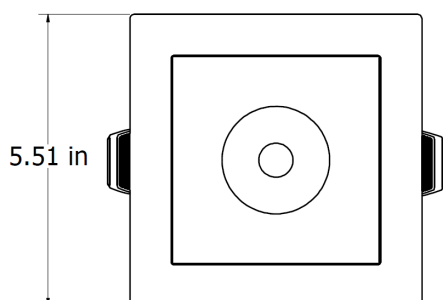
Round Trim



Ceiling Cut out
4.9"±0.10" Ø



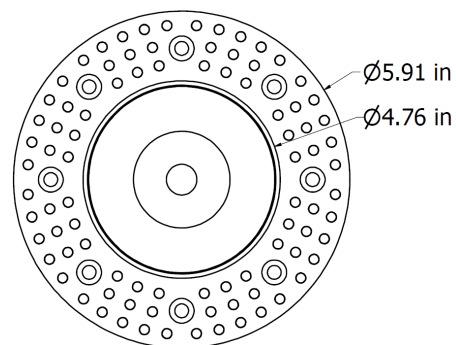
Square Trim



Ceiling Cut out
4.92"X4.92"



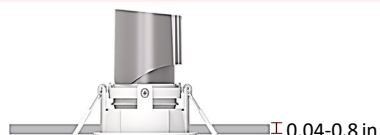
Round Trimless



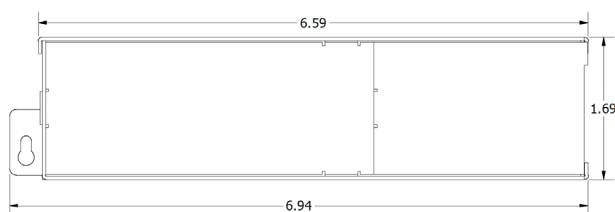
Ceiling Cut out
4.9"±0.10" Ø



Ceiling Thickness



Driver



LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

REFLECTOR

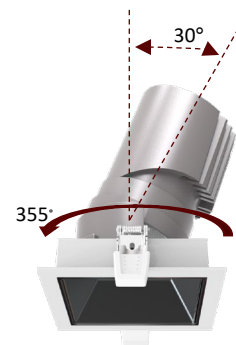
- Rotation up to 355°
- Tilt 30° (RA1 – SA1)



**ROUND
ADJUSTABLE**



ROUND FIX



**SQUARE
ADJUSTABLE**

FINISH

SHAPE	WHITE	BRIGHT SILVER	DIFFUSED SILVER	BLACK
ROUND ADJUSTABLE (RA1)				
ROUND FIX (RF1)				
SQUARE ADJUSTABLE (SA1)				
DESCRIPTION	Maximizes and diffuses light, providing soft and even illumination.	Directs light precisely, producing sharp highlights and enhancing brightness.	Evenly scatters light, creating a soft, balanced illumination with reduced glare.	Absorbs light, creating a focused and dramatic effect with minimized glare.

LED COMMERCIAL DOWNLIGHT

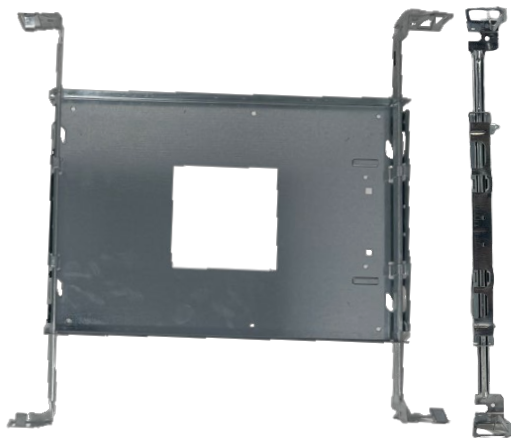
Recessed Downlight | 2", 3", 4" & 5" Round & Square

MOUNTING ACCESSORIES

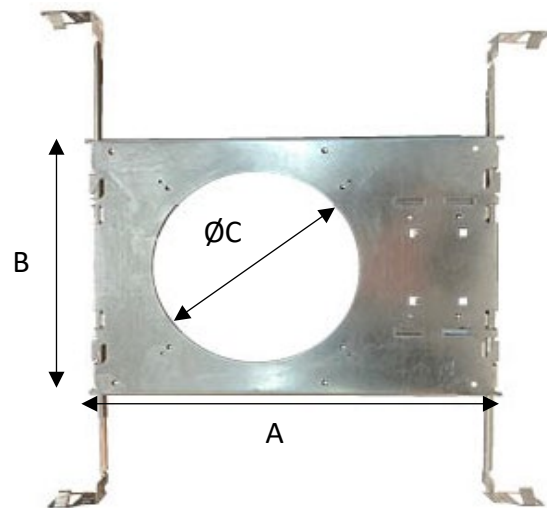
Ordered separately, field installed.

NEW CONSTRUCTION UNIVERSAL FRAME KIT

SPECIFICATIONS	
MATERIAL	22-gauge galvanized steel housing
MOUNTING	T Grid Ceiling
	Gypsum Ceiling
	Maximum Thickness ~1.5"
LENGTH (A)	12.75"
WIDTH (B)	8.63"

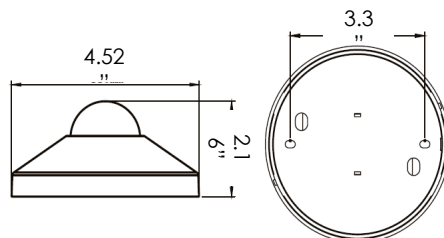


OPENING SIZE			
ORDERING CODE	SIZE	SHAPE	C
AE-DL-FRKT-03-UNV	3"	Round	2.95" Ø
AE-DL-FRKT-UNA-03-UNV		Square	3.15 x 3.15"
AE-DL-FRKT-04-UNV	4"	Round	4.50" Ø
AE-DL-FRKT-SQ-04-UNV		Square	4" x 4"
AE-DL-FRKT-05-UNV	5"	Round	5.50" Ø



ROOM OCCUPANCY SENSOR

PART NUMBER	DESCRIPTION
AE-CT-DT806	Detecta - Room Occupancy Sensor
RC102	RC102 Remote Control

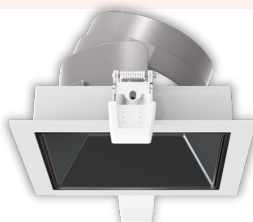
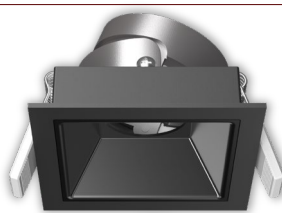
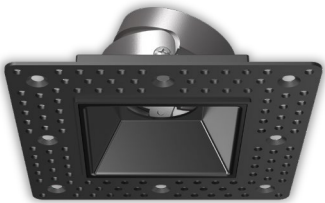


SPECIFICATIONS	
Input Voltage	120-277 Vac
Power Frequency	50/60HZ
Rated Load	At 120 Vac 800W
	At 277 Vac 1200W
Detection Range	3-10 Meters
	9.8- 32.8 Feet
Standby Power	~0.9W
Time Setting	10 sec to 30 min
Light Control	10-2,000LUX
Installation	Ceiling Mounted

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TRIM

FINISH	SHAPE	
	ROUND	SQUARE
WHITE (-WHT)	 	 
Black (-BKT)		
WHITE TRIMLESS (-WH-TL)	 	
Black TRIMLESS (-BK-TL)		

OPTICAL ACCESSORIES

ORDERING CODE	DESCRIPTION	LIGHT GLARE	PICTURE
AE-DL-KN-3-COMB	Honeycomb louver Reduce the glare of the light source and luminaire		 
AE-DL-KN-3-SOFTLENS	Softening Glass lens		

LED COMMERCIAL DOWNLIGHT

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CONTROLS

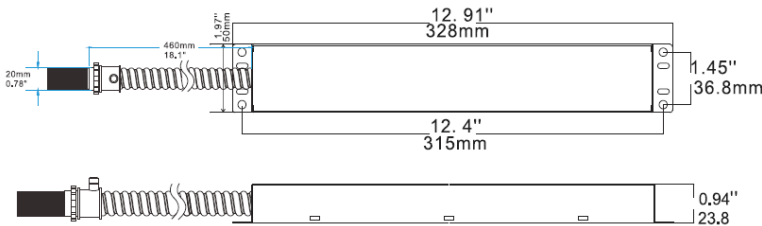
Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY



The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 6-25W constant power at 170VDC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.



SPECIFICATIONS	
Input Voltage	100-347 Vac
Power Frequency	50/60HZ
Input Power	8W max
Output Voltage	170V Dc
Output Power	8W
Ambient Temperature	0°C to 50°C
	30°F to 122°F
Installation	Remote

DIMMER COMPATIBLTY LIST

Brand	Model	Dim Depth To	DIM
LEVITON	IPM10	OFF	TRIAC
	6674	OFF	TRIAC
	AWSMT-EB	OFF	TRIAC
LUTRON	DVCL-153P	2%	TRIAC
	NTLV-603P	1%	TRIAC
	GT-250M	1%	TRIAC
	MACL-153M	1%	TRIAC
	PD-6WCL	1%	TRIAC
	DSL06	2%	TRIAC
	DV-600P	1%	TRIAC
	RRD-10ND	2%	TRIAC
	NTELV-300	1%	ELV
	SELV-300P	1%	ELV

LED COMMERCIAL DOWNLIGHT

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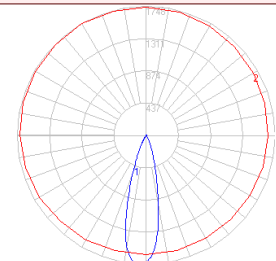
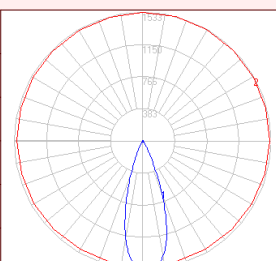
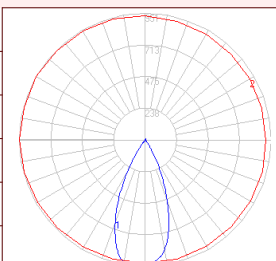
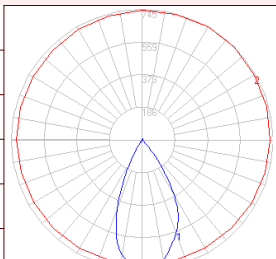
LUMEN ESTIMATE – KINETA NANO

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
PREMIUM (90CRI)	0.80	0.86	0.93	0.93

PHOTOMETRIC DATA – KINETA NANO

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-2		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	8W	0-20°	336.35	76.0		1.7ft	593 fc	0.8 ft	0.8 ft
CCT	3000K	0-30°	413.14	93.3		3.3ft	157 fc	1.6 ft	1.5 ft
Distribution	15°	0-40°	428.40	96.8		5.0ft	68.6 fc	2.4 ft	2.3 ft
SIZE	2"	0-60°	431.46	97.5		6.7ft	38.2 fc	3.2 ft	3.1 ft
		0-80°	431.62	97.5		8.3ft	24.9 fc	4.0 ft	3.9 ft
		0-90°	431.70	97.5		10.0ft	17.1 fc	4.8 ft	4.7 ft
					Vert. Spread: 27.0° Horiz. Spread: 26.4°				
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-2		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	8W	0-20°	379.41	73.5		1.7ft	527 fc	1.0 ft	1.0 ft
CCT	3000K	0-30°	483.76	93.7		3.3ft	140 fc	2.0 ft	2.0 ft
Distribution	24°	0-40°	500.75	97.0		5.0ft	60.9 fc	3.0 ft	3.0 ft
SIZE	2"	0-60°	503.51	97.5		6.7ft	33.9 fc	4.0 ft	4.1 ft
		0-80°	503.68	97.5		8.3ft	22.1 fc	5.0 ft	5.0 ft
		0-90°	503.77	97.6		10.0ft	15.2 fc	6.0 ft	6.1 ft
					Vert. Spread: 33.5° Horiz. Spread: 33.8°				
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-2		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	8W	0-20°	291.34	56.1		1.7ft	326 fc	1.4 ft	1.4 ft
CCT	3000K	0-30°	456.58	87.8		3.3ft	86.5 fc	2.7 ft	2.7 ft
Distribution	38°	0-40°	503.18	96.8		5.0ft	37.7 fc	4.1 ft	4.1 ft
SIZE	2"	0-60°	506.88	97.5		6.7ft	21 fc	5.5 ft	5.5 ft
		0-80°	507.05	97.6		8.3ft	13.7 fc	6.8 ft	6.8 ft
		0-90°	507.14	97.6		10.0ft	9.42 fc	8.2 ft	8.2 ft
					Vert. Spread: 44.5° Horiz. Spread: 44.4°				
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-2		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	8W	0-20°	235.57	47.7		1.7ft	254 fc	1.6 ft	1.6 ft
CCT	3000K	0-30°	402.28	81.5		3.3ft	67.3 fc	3.2 ft	3.1 ft
Distribution	55°	0-40°	474.36	96.1		5.0ft	29.3 fc	4.8 ft	4.7 ft
SIZE	2"	0-60°	481.14	97.5		6.7ft	16.3 fc	6.4 ft	6.4 ft
		0-80°	481.33	97.6		8.3ft	10.6 fc	7.9 ft	7.9 ft
		0-90°	481.42	97.6		10.0ft	7.33 fc	9.6 ft	9.5 ft
					Vert. Spread: 51.1° Horiz. Spread: 50.8°				

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

LUMEN ESTIMATE – KINETA MINI

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
PREMIUM (90CRI)	0.8	0.86	0.93	0.93

PHOTOMETRIC DATA – KINETA MINI

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION					
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc			Beam Width		
Wattage	15W	0-20°	789.46	77.3		17.0ft	17.9 fc	6.4 ft	6.1 ft		
CCT	3000K	0-30°	954.7	93.5		34.0ft	4.48 fc	12.8 ft	12.3 ft		
Distribution	15°	0-40°	986.01	96.6		51.0ft	1.99 fc	19.2 ft	18.4 ft		
SIZE	3"	0-60°	992.35	97.2		68.0ft	1.12 fc	25.6 ft	24.5 ft		
		0-80°	994.3	97.4		85.0ft	0.72 fc	32.0 ft	30.7 ft		
		0-90°	994.54	97.4		102.0ft	0.5 fc	38.4 ft	36.8 ft		
						■ Vert. Spread: 21.3° ■ Horiz. Spread: 20.5°					
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION					
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc			Beam Width		
Wattage	15W	0-20°	891.71	77.9		17.0ft	12.8 fc	10.0 ft	10.0 ft		
CCT	3000K	0-30°	1079.31	94.3		34.0ft	3.2 fc	20.1 ft	19.9 ft		
Distribution	24°	0-40°	1109.18	96.9		51.0ft	1.42 fc	30.1 ft	29.9 ft		
SIZE	3"	0-60°	1113.93	97.4		68.0ft	0.8 fc	40.1 ft	39.8 ft		
		0-80°	1115.04	97.5		85.0ft	0.51 fc	50.2 ft	49.8 ft		
		0-90°	1115.28	97.5		102.0ft	0.36 fc	60.2 ft	59.7 ft		
						■ Vert. Spread: 32.9° ■ Horiz. Spread: 32.6°					
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION					
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc			Beam Width		
Wattage	15W	0-20°	847.33	70.9		17.0ft	10.2 fc	12.0 ft	11.9 ft		
CCT	3000K	0-30°	1126.58	94.2		34.0ft	2.55 fc	24.1 ft	23.9 ft		
Distribution	38°	0-40°	1159.21	96.9		51.0ft	1.13 fc	36.1 ft	35.8 ft		
SIZE	3"	0-60°	1164.49	97.4		68.0ft	0.64 fc	48.1 ft	47.7 ft		
		0-80°	1165.81	97.5		85.0ft	0.41 fc	60.1 ft	59.7 ft		
		0-90°	1166.06	97.5		102.0ft	0.28 fc	72.2 ft	71.6 ft		
						■ Vert. Spread: 39.0° ■ Horiz. Spread: 38.7°					
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION					
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc			Beam Width		
Wattage	15W	0-20°	527.7	48.5		17.0ft	5.59 fc	15.9 ft	15.5 ft		
CCT	3000K	0-30°	883.31	81.2		34.0ft	1.4 fc	31.7 ft	31.0 ft		
Distribution	55°	0-40°	1031.38	94.8		51.0ft	0.62 fc	47.6 ft	46.4 ft		
SIZE	3"	0-60°	1058.15	97.3		68.0ft	0.35 fc	63.4 ft	61.9 ft		
		0-80°	1059.94	97.4		85.0ft	0.22 fc	79.3 ft	77.4 ft		
		0-90°	1060.19	97.5		102.0ft	0.16 fc	95.1 ft	92.9 ft		
						■ Vert. Spread: 50.0° ■ Horiz. Spread: 49.0°					

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

LUMEN ESTIMATE – KINETA MINI HO

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
PREMIUM (90CRI)	0.95	1	1.04	1.06

PHOTOMETRIC DATA – KINETA MINI HO

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	15W	0-20°	946.5	67.7		1.7ft	2034 fc	0.7 ft	0.7 ft
CCT	3000K	0-30°	1201.19	86		3.3ft	540 fc	1.3 ft	1.3 ft
Distribution	15°	0-40°	1309.6	93.7		5.0ft	235 fc	2.0 ft	2.0 ft
SIZE	3"	0-60°	1385.45	99.2		6.7ft	131 fc	2.6 ft	2.7 ft
		0-80°	1396.61	100		8.3ft	85.3 fc	3.3 ft	3.3 ft
		0-90°	1397.28	100		10.0ft	58.8 fc	3.9 ft	4.0 ft
						Vert. Spread: 22.3° Horiz. Spread: 22.4°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	15W	0-20°	1012.6	71.4		1.7ft	1402 fc	1.0 ft	1.0 ft
CCT	3000K	0-30°	1282.73	90.5		3.3ft	372 fc	2.0 ft	2.0 ft
Distribution	24°	0-40°	1356.65	95.7		5.0ft	162 fc	3.1 ft	3.1 ft
SIZE	3"	0-60°	1410.06	99.4		6.7ft	90.3 fc	4.1 ft	4.1 ft
		0-80°	1417.36	100		8.3ft	58.8 fc	5.1 ft	5.1 ft
		0-90°	1417.91	100		10.0ft	40.5 fc	6.1 ft	6.1 ft
						■ Vert. Spread: 34.0° ■ Horiz. Spread: 33.9°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	15W	0-20°	889.97	64.2		1.7ft	1085 fc	1.2 ft	1.2 ft
CCT	3000K	0-30°	1232.48	88.9		3.3ft	288 fc	2.3 ft	2.3 ft
Distribution	38°	0-40°	1315.6	94.9		5.0ft	125 fc	3.5 ft	3.5 ft
SIZE	3"	0-60°	1375.97	99.3		6.7ft	69.8 fc	4.7 ft	4.7 ft
		0-80°	1385.21	100		8.3ft	45.5 fc	5.9 ft	5.8 ft
		0-90°	1385.8	100		10.0ft	31.4 fc	7.1 ft	7.0 ft
								Vert. Spread: 39.0° Horiz. Spread: 38.8°	

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-3		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	15W	0-20°	574.26	42.7		Center Beam fc	Beam Width		
CCT	3000K	0-30°	1000.32	74.5		1.7ft	603 fc	1.6 ft	1.6 ft
Distribution	55°	0-40°	1225.97	91.2		3.3ft	160 fc	3.2 ft	3.2 ft
						5.0ft	69.7 fc	4.8 ft	4.8 ft
SIZE	3"	0-60°	1330	99		6.7ft	38.8 fc	6.5 ft	6.5 ft
		0-80°	1342.96	100		8.3ft	25.3 fc	8.0 ft	8.0 ft
		0-90°	1343.62	100	10.0ft	17.4 fc	9.7 ft	9.7 ft	
						Vert. Spread: 51.6° Horiz. Spread: 51.7°			

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

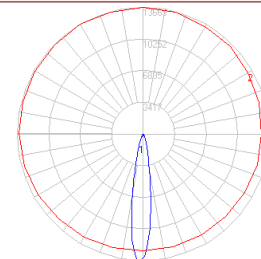
LUMEN ESTIMATE – KINETA

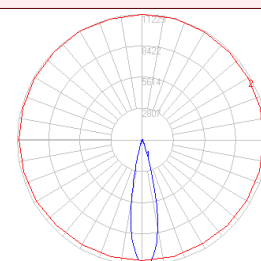
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

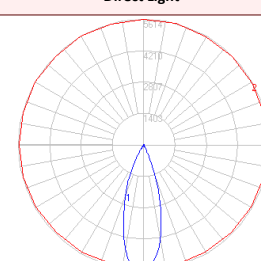
LUMEN ESTIMATE ADJUSTMENT FACTORS

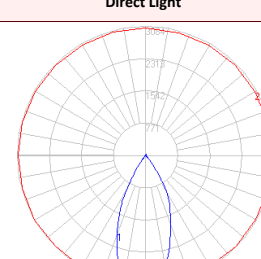
CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.94	1	1.02	1.03

PHOTOMETRIC DATA – KINETA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-4		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	25W	0-20°	1427.6	82.90		1.7ft	4643 fc	0.5 ft	0.5 ft
CCT	3000K	0-30°	1625.1	94.40		3.3ft	1232 fc	1.0 ft	1.0 ft
Distribution	15°	0-40°	1663.19	96.60		5.0ft	537 fc	1.4 ft	1.5 ft
SIZE	4"	0-60°	1674.06	97.20		6.7ft	299 fc	1.9 ft	2.0 ft
		0-80°	1676.23	97.40		8.3ft	195 fc	2.4 ft	2.4 ft
		0-90°	1676.66	97.40		10.0ft	134 fc	2.9 ft	2.9 ft
					■ Vert. Spread: 16.4° ■ Horiz. Spread: 16.6°				

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-4		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	25W	0-20°	1651.21	88.10		1.7ft	3835 fc	0.7 ft	0.7 ft
CCT	3000K	0-30°	1781.91	95.10		3.3ft	1018 fc	1.3 ft	1.3 ft
Distribution	24°	0-40°	1814.81	96.90		5.0ft	443 fc	2.0 ft	2.0 ft
SIZE	4"	0-60°	1823.47	97.30		6.7ft	247 fc	2.7 ft	2.7 ft
		0-80°	1825.22	97.40		8.3ft	161 fc	3.3 ft	3.4 ft
		0-90°	1825.64	97.50		10.0ft	111 fc	4.0 ft	4.1 ft
					■ Vert. Spread: 22.8° ■ Horiz. Spread: 22.9°				

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-4		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	25W	0-20°	1362.7	72.10		1.7ft	1936 fc	1.0 ft	1.0 ft
CCT	3000K	0-30°	1785.57	94.40		3.3ft	514 fc	2.0 ft	2.0 ft
Distribution	38°	0-40°	1830.81	96.80		5.0ft	224 fc	3.0 ft	3.0 ft
SIZE	4"	0-60°	1841.53	97.40		6.7ft	125 fc	4.0 ft	4.0 ft
		0-80°	1843.19	97.50		8.3ft	81.2 fc	5.0 ft	5.0 ft
		0-90°	1843.6	97.50		10.0ft	56 fc	6.0 ft	6.0 ft
					■ Vert. Spread: 33.6° ■ Horiz. Spread: 33.3°				

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-KN-4		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	25W	0-20°	937.16	49.00		1.7ft	1060 fc	1.5 ft	1.5 ft
CCT	3000K	0-30°	1575.78	82.40		3.3ft	281 fc	2.9 ft	2.8 ft
Distribution	55°	0-40°	1834.74	95.90		5.0ft	123 fc	4.4 ft	4.3 ft
SIZE	4"	0-60°	1862.91	97.40		6.7ft	68.3 fc	5.9 ft	5.8 ft
		0-80°	1865.02	97.50		8.3ft	44.5 fc	7.3 ft	7.1 ft
		0-90°	1865.43	97.50		10.0ft	30.6 fc	8.8 ft	8.6 ft
					■ Vert. Spread: 47.5° ■ Horiz. Spread: 46.5°				

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

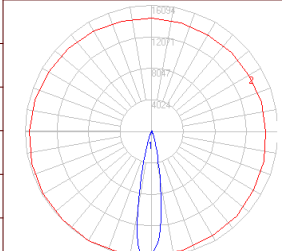
LUMEN ESTIMATE – KINETA MAX

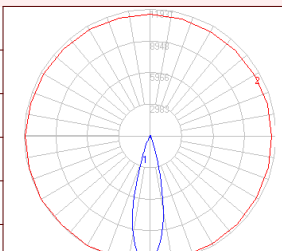
Lumen output varies based on CCT and CRI. Use correction factors as per table below:

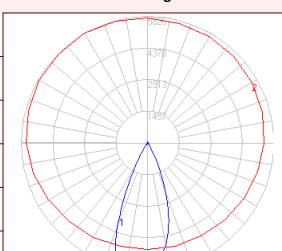
LUMEN ESTIMATE ADJUSTMENT FACTORS

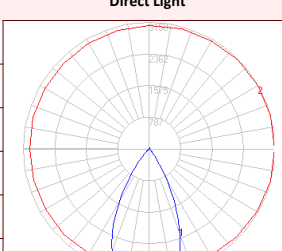
CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.95	1.03	1.05	1.02

PHOTOMETRIC DATA – KINETA MAX

PART NUMBER		ZONAL LUMEN SUMMARY		POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION	
AE-DL-KN-5		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc Beam Width
Wattage	35W	0-20°	2044.95	82.6		2.5ft 2498 fc 0.9 ft 0.9 ft
CCT	3000K	0-30°	2293.44	92.7		5.0ft 625 fc 1.8 ft 1.7 ft
Distribution	15°	0-40°	2365.08	95.6		7.5ft 278 fc 2.7 ft 2.6 ft
SIZE	5"	0-60°	2394.8	96.8		10.0ft 156 fc 3.5 ft 3.5 ft
		0-80°	2406.23	97.2		12.5ft 99.9 fc 4.4 ft 4.4 ft
		0-90°	2408.06	97.3		15.0ft 69.4 fc 5.3 ft 5.2 ft

PART NUMBER		ZONAL LUMEN SUMMARY		POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION	
AE-DL-KN-5		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc Beam Width
Wattage	35W	0-20°	2181.5	82.8		2.5ft 1886 fc 1.2 ft 1.2 ft
CCT	3000K	0-30°	2464.55	93.5		5.0ft 472 fc 2.4 ft 2.3 ft
Distribution	24°	0-40°	2526	95.8		7.5ft 210 fc 3.6 ft 3.5 ft
SIZE	5"	0-60°	2555.05	96.9		10.0ft 118 fc 4.7 ft 4.6 ft
		0-80°	2566.99	97.4		12.5ft 75.4 fc 5.9 ft 5.8 ft
		0-90°	2568.12	97.4		15.0ft 52.4 fc 7.1 ft 7.0 ft

PART NUMBER		ZONAL LUMEN SUMMARY		POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION	
AE-DL-KN-5		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc Beam Width
Wattage	35W	0-20°	1753.4	64.5		2.5ft 909 fc 1.8 ft 1.9 ft
CCT	3000K	0-30°	2484.51	91.4		5.0ft 227 fc 3.6 ft 3.7 ft
Distribution	38°	0-40°	2603.62	95.8		7.5ft 101 fc 5.4 ft 5.6 ft
SIZE	5"	0-60°	2638.79	97		10.0ft 56.8 fc 7.2 ft 7.4 ft
		0-80°	2649.87	97.5		12.5ft 36.4 fc 9.0 ft 9.3 ft
		0-90°	2650.9	97.5		15.0ft 25.3 fc 10.8 ft 11.1 ft

PART NUMBER		ZONAL LUMEN SUMMARY		POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION	
AE-DL-KN-5		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc Beam Width
Wattage	35W	0-20°	1090.45	44.5		2.5ft 473 fc 2.5 ft 2.3 ft
CCT	3000K	0-30°	1903.5	77.7		5.0ft 118 fc 5.1 ft 4.6 ft
Distribution	55°	0-40°	2279.07	93		7.5ft 52.6 fc 7.6 ft 7.0 ft
SIZE	5"	0-60°	2369.11	96.7		10.0ft 29.6 fc 10.1 ft 9.3 ft
		0-80°	2387.48	97.4		12.5ft 18.9 fc 12.7 ft 11.6 ft
		0-90°	2388.71	97.5		15.0ft 13.1 fc 15.2 ft 13.9 ft

LED COMMERCIAL DOWNLIGHT

Recessed Downlight | 2", 3", 4" & 5" Round & Square

OVERVIEW

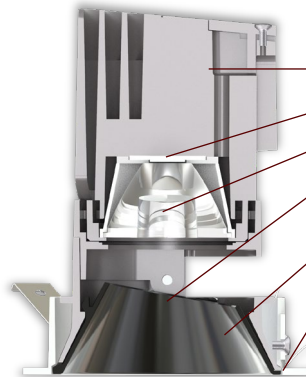


Innovative Design

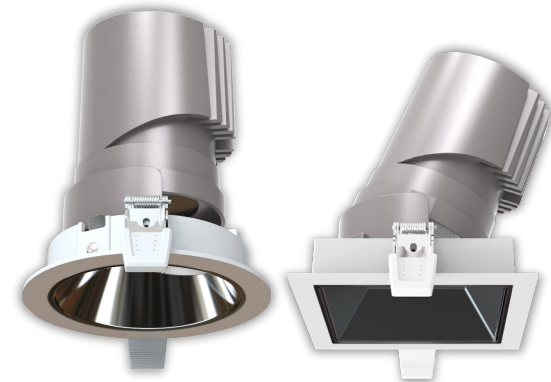
- Brushed metal housing.
- Improved design extends LED and driver lifespan.
- Stainless steel spring-action clips



Multiple Options



- Two powers options
- Four CCT options.
- Variety of beam angles.
- Adjustable round/square, Fixed round reflector.
- Multiple reflector finishes.
- Round / square, Black / white trim and trimless options.



Accessories

- Honeycomb louvers and soft lens.
- New construction frame kit.
- Emergency back up battery.



Tests And Certifications



Optional

Emergency backup battery

