KAD-LED Luminaire & Retrofit Door

Familiar Form. New Technology.

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Cast in a traditional dayform, the KAD-LED area luminaire from Lithonia Lighting® provides classic styling with the latest LED and controls technology.

Whether your application calls for complete luminaires or the retrofit of an existing KAD, the new KAD-LED is the most cost-effective solution, with paybacks as low as **three years**!

Replace 400W metal halide and save 69% in energy costs!

	400W Metal Halide	KAD-LED (40 LEDs)	Savings
Input Watts	460W	141W	**319W (69%)**
Expected Life (hours)	15,000	100,000+	**6+lamp changes**
Annual kWh (4,380 annual nighttime hrs.)	2,014	618	**1,396 kWh (69%)**
Annual Energy/Luminaire (@ $0.10 per kWh)	$201.48	$61.76	**$139.72**

The KAD-LED is DesignLights Consortium® (DLC) qualified. For utility rebates in your area, visit *www.dsireusa.org.*

Metal Halide
(400W 0.5 fc)

KAD-LED
(40 LEDs 0.5 fc)

Get more light on-target with superior uniformity.

- Greater coverage – distribution patterns are 14% wider and 20% farther

- The elimination of hot spots creates greater uniformity

- Less wasted backlight – light is directed where its needed

Save more energy using the fully integrated bi-level motion sensor.

Order the KAD-LED with the factory installed bi-level motion sensor for even more savings! The fully programmable motion sensor enables the luminaire stay in dimmed mode during periods of non-occupancy and quickly ramps to full light output when motion is detected.

Integral bi-level motion sensor

Easy to Install

Whether your application calls for a complete luminaire or the retrofitting of an existing Lithonia Lighting HID KAD luminaire.

KAD-LED Complete Luminaire

We've made the upgrade to LED easy…
Every KAD-LED area luminaire comes complete with the Lithonia Lighting Universal Mounting Bracket, which allows the complete KAD-LED luminaire to mount to virtually any existing drill hole pattern on both square and round poles. This eliminates the need to drill, which significantly reduces the time spent during installation.

KADRD-LED Retrofit Door

… and the retrofit door is even easier!
If you already have a KAD luminaire, you can leave the upper housing in place and upgrade to LED by replacing the glass door with the KADRD-LED retrofit door. Everything is on the retrofit door, and by making three electrical connections, the door can be installed in less than three minutes!

See our retrofit installation video at *www.acuitybrands.com/kadrd-led.*

Multiple lumen packages provide energy-saving solutions for 175W to 400W metal halide.

Metal Halide	KAD-LED			
Nominal Watts (Input Watts)	# LEDs	Input Watts	Delivered Lumens	Energy Savings
400W (460W)	40 LEDs	141W (R3)	14,890 (4000K)	69%
	30 LEDs	108W	11,502	77%
250W (295W)	30 LEDs	108W	11,502	63%
	20 LEDs	73W	7,854	75%
175W (210W)	20 LEDs	73W	7,854	65%

KAD-LED (Complete Luminaire)

EXAMPLE: KAD LED 40C 1000 40K R5 MVOLT SPUMBAK04 DDBXD

KAD LED

Series	LEDs		Drive current		CCT		Distribution		Voltage	Mounting				
KAD LED	20C	20 LEDs	530	530 mA	30K	3000 K	R2	Type II	MVOLT	**Shipped included**			04	4" arm
	30C	30 LEDs	700	700 mA	40K	4000 K	R3	Type III	120	SPUMBAK___	Square pole universal mounting adapter		06	6" arm
	40C	40 LEDs	1000	1000 mA	50K	5000 K	R4	Type IV	208				09	9" arm
	60C	60 LEDs					R5	Type V	240	RPUMBAK___	Round pole universal mounting adapter		12	12" arm
									277	SPD___	Square pole			
									347	RPD___	Round pole			
									480	WBD___	Wall bracket			
										WWD___	Wood pole or wall			
										Shipped separately				
										DAD12P	Degree arm (pole)			
										DAD12WB	Degree arm (wall)			

Options

Shipped installed

PER	NEMA twist-lock receptacle only (no controls)
PER5	NEMA twist-lock five-wire receptacle only (no controls)
PER7	Seven-wire receptacle only (no controls)
SF	Single fuse (120, 277, 347V)
DF	Double fuse (208, 240, 480V)
PIR	Motion sensor, 8–15' mounting height
PIRH	Motion sensor, 15–30' mounting height
BL30	Bi-level switched dimming, 30%
BL50	Bi-level switched dimming, 50%

PIR1FC3V	Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc [6]
PIRH1FC3V	Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc [6]
PNMTDD3	Part night, dim till dawn
PNMT5D3	Part night, dim 5 hrs
PNMT6D3	Part night, dim 6 hrs
PNMT7D3	Part night, dim 7 hrs
HS	Houseside shield

Shipped separately

WG	Wire guard
KMA	Mast arm external fitter

Finish (required)

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white

KADRD-LED (Retrofit Door)

EXAMPLE: KADRD LED 40C 1000 40K R5 MVOLT DDBXD

KADRD LED

Series	LEDs		Drive current		CCT		Distribution		Voltage	
KADRD LED	20C	20 LEDs	530	530 mA	30K	3000 K	R2	Type II	MVOLT	277
	30C	30 LEDs	700	700 mA	40K	4000 K	R3	Type III	120	347
	40C	40 LEDs	1000	1000 mA	50K	5000 K	R4	Type IV	208	480
	60C	60 LEDs					R5	Type V	240	

Options

Shipped installed

PIR	Motion sensor, 8–15' mounting height
PIRH	Motion sensor, 15–30' mounting height
HS	Houseside shield

Shipped separately

WG	Wire guard

Finish (required)

DDBXD	Dark bronze		DDBTXD	Textured dark bronze
DBLXD	Black		DBLBXD	Textured black
DNAXD	Natural aluminum		DNATXD	Textured natural aluminum
DWHXD	White		DWHGXD	Textured white

Please use the spec sheet at www.acuitybrands.com when ordering to ensure component compatibility for your desired configuration.

AcuityBrands