

KAD LED LED Area Luminaire



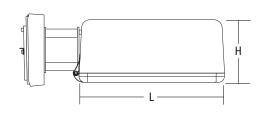






Specifications

EPA:	(0.11 m^2)
Length:	17-1/2" (44.5 cm)
Width:	17-1/2" (44.5 cm)
Height:	7-1/8" (18.1 cm)
Weight (max):	36 lbs. (16.4 kg)





Ordering Information

Catalog Number Notes Type

Hit the Tab key or mouse over the page to see all interactive elements

** Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM®2 or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- 1. See ordering tree for details.
- 2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

EXAMPLE: KAD LED 40C 1000 40K R5 MVOLT SPD04 DDBXD

KAD LED							
Series	LEDs	Drive current	сст	Distribution	Voltage	Mounting ³	
KAD LED	20C¹ 20 LEDs 30C¹ 30 LEDs 40C 40 LEDs 60C 60 LEDs	530 530 mA ¹ 700 700 mA 1000 1000 mA	30K 3000 K 40K 4000 K 50K 5000 K	R2 Type II R3 Type III R4 Type IV R5 Type V ²	MVOLT ³ 277 ⁴ 120 ⁴ 347 ^{1,3} 208 ^{4,5} 480 ^{1,3} 240 ^{4,5}	Shipped included SPUMBAK Square pole universal mounting adaptor 6	Shipped separately DAD12P Degree arm (pole) DAD12WB Degree arm (wall) KMA Mast arm external fitter

Option	s							Finish (re	quired)		
Shipp	ed installed					Shipp	ped separately ¹⁷	DDBXD	Dark bronze	DDBTXD	Textured dark
PER5	NEMA twist-lock five-wire receptacle only (no controls) 7,8,9	PIR1FC3V	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient	PNMTDD3	Part night, dim till dawn ^{3,11,16}	WG	Wire guard	DBLXD DNAXD	Black Natural	DBLBXD	bronze Textured black
PER7	Seven-wire receptacle only (no controls) 7,8,9	DIDUATON	sensor enabled at 1fc 3,10,11,12,13	PNMT5D3	Part night, dim			5111110	aluminum	DNATXD	Textured natural
SF	Single fuse (120, 277, 347V) ⁴	PIRH1FC3V	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient	DMMTCDO	5 hrs ^{3,11,16}			DWHXD	White	D.U.I.CVD	aluminum
DF	Double fuse (208, 240, 480V) ⁴		sensor enabled at 1fc 3,10,11,12,13	PNMT6D3	Part night, dim 6 hrs ^{3,11,16}					DWHGXD	Textured white
PIR	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc 3,10,11,12,13	BL30	Bi-level switched dimming, 30% 3,9,10,11	PNMT7D3	Part night, dim 7 hrs ^{3,11,16}						
PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc 3,10,11,12,13	BL50	Bi-level switched dimming, 50% ^{3,9,10,11}	HS	Houseside shield ¹⁷						



Ordering Information

Accessories

Ordered and shipped separately

 DLL127F 1.5 JU
 Photocell - SSL twist-lock (120-277V) 18

 DLL347F 1.5 CUL JU
 Photocell - SSL twist-lock (347V) 18

 DLL480F 1.5 CUL JU
 Photocell - SSL twist-lock (480V) 18

DSHORT SBK U Shorting cap 18

KADLEDHS 20C U Houseside shield for 20 LED unit
KADLEDHS 30C U Houseside shield for 30 LED unit
KADLEDHS 40C U Houseside shield for 40 LED unit
KADLEDHS 60C U Houseside shield for 60 LED unit
KMA DDBXD U Mast arm adapter (specify finish)

KADWG U Wire guard accessory

PUMBAK DDBXD U* Square and round pole universal mount-

ing bracket adaptor (specify finish)

For more control options, visit $\ensuremath{\mathsf{DTL}}$ and $\ensuremath{\mathsf{ROAM}}$ online.

*Round pole top must be 3.25" O.D. minimum.

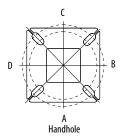
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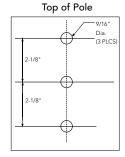
- 1 20C or 30C LED are not available with 530 Drive Current and 347V or 480V.
- 2 Any Type 5 distribution, is not available with WBA.
- 3 Any PIRx with BL30, BL50 or PNMT, is not available with 208V,240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
- 4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- 5 9" or 12" arm is required when two or more luminaires are oriented on a 90° drilling pattern.
- 6 Available as a separate combination accessory: PUMBAK (finish) U.
- 7 Mounting must be restricted to $\pm 45^{\circ}$ from horizontal aim per ANSI C136.10-2010. Not available with motion sensor.
- 8 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
- 9 If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
- 10 PIR and PIRTFC3V specify the SensorSwitch SBGR-10-ODP control, PIRH and PIRH1FC3V specify the SensorSwitch SBGR-6-ODP control. Dimming driver standard. Not available with PER5 or PER7.
- 11 Maximum ambient temperature with 347V or 480V is 30°C.
- 12 Reference Motion Sensor table.
- 13 Reference PER table on page 3 to see functionality.
- 14 Requires an additional switched circuit with same phase as main luminaire power. Supply circuit and control circuit are required to be in the same phase.
- 15 Dimming driver standard. MVOLT only. Not available with 347V, 480V, PER5, PER7 or PNMT options.
- 16 Dimming driver standard. MVOLT only. Not available with 347V, 480V, PER5, PER7, BL30 or BL50.
- 17 Also available as a separate accessory; see Accessories information.
- 18 Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

Drilling

Template #5

HANDHOLE ORIENTATION





Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°†	3 at 120°	3 at 90°†	4 at 90° †
2-3/8"	T20-190	T20-280	T20-290	T20-320 [†]	T20-390	T20-490
2-7/8"	T25-190	T25-280	T25-290	T25-320	T25-390	T25-490
4"	T35-190	T35-280	T35-290	T35-320	T35-390	T35-490

** For round pole mounting (RPDXX) only. † Requires 9" or 12" arm.

Pole drilling nomenclature: # of heads at degree from handhole (default side A)							
DM19	DM28	DM29	DM39	DM49			
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 90°	4 @ 90°			
Side B	Side B & D	Side B & C	Side B, C, & D	Sides A, B, C, D			

Note: Review luminaire spec sheet for specific nomenclature

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

System (mA) Waits Type Lumens B U G LeW Lumens B U Lumens B	1 128 1 127 1 127 1 127 1 135 2 127 2 126 2 126 1 134 2 109 2 108 2 108 1 115 2 125 1 133 2 122 2 122 2 122 2 130 2 108
30C Fig. 2 Fig. 2 Fig. 3 Fig. 3	1 128 1 127 1 127 1 135 2 126 2 126 1 134 2 108 2 108 1 115 2 126 2 125 1 133 2 122 2 122 2 122 2 108 2 108 2 107
350 mA 35W R3 4,123 1 0 1 118 4,427 1 0 1 101 118 4,427 1 0 1 101 118 4,433 1 0 1 118 100 11 117 118 100 11 118 100 11 118 100 11 11	1 127 1 127 1 135 2 126 2 126 1 134 2 108 2 108 1 115 2 126 2 125 1 133 2 122 2 122 2 122 2 108 2 108 2 107
20C 700 mA 45W R4 4,128 R5 4,381 2 0 1 100 1 1188 4,433 1 0 1 10 1 1187 4,460 1 0 10 1 10 1 10 1 10 1 1184 4,734 3 0 1 10 1 1184 4,734 3 0 1 10 1 1184 4,734 3 0 1 10 1 1184 4,734 3 0 1 0 11 125 4,660 1 0 1 1 126 5,696 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1	1 127 1 135 2 127 2 126 2 126 1 134 2 109 2 108 2 108 1 115 2 126 2 125 1 133 2 122 2 122 2 130 2 108
20C 700 mA 45W R5	1 135 2 127 2 126 2 126 1 134 2 109 2 108 2 108 1 115 2 126 2 125 1 133 2 122 2 122 2 130 2 108
20C 700 mA 45W 45W R3 5,250 R3 5,250 R4 5,256 R5 R5 7,578 R5 7,344 R1 0 2 1107 5,660 1 0 1 10 2 1177 5,667 1 0 2 1177 5,667 1 0 2 1177 5,667 1 0 2 1177 5,667 1 0 2 1177 5,667 1 0 2 1177 5,667 1 0 2 1177 5,667 1 0 2 1177 5,667 1 0 2 1177 5,644 1 0 2 1177 5,644 1 0 2 1178 6,077 1 0 1 0 1 1000 mA 73W R62 7,344 1 0 2 100 7,886 1 0 2 100 7,886 1 0 2 100 7,886 1 0 2 100 7,886 1 0 2 100 7,886 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,863 1 0 2 100 7,912 1 0 0 R5 7,771 3 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1	2 127 2 126 2 126 1 134 2 109 2 108 2 108 1 115 2 126 2 125 1 133 2 122 2 122 2 130 2 108
20C	2 126 2 126 1 134 2 109 2 108 2 108 1 115 2 126 2 125 2 125 1 133 2 122 2 122 2 122 2 130 2 108
20C 700 mA 45W R4 5,256 1 0 2 117 5,644 1 0 2 125 5,679 1 0 0 R5 5,578 3 0 1 124 5,990 3 0 1 133 6,027 3 0 0 1 1000 mA 82 7,344 1 0 0 2 101 7,886 2 0 2 108 7,935 2 0 0 R5 7,731 1 0 0 R4 7,322 1 0 0 2 100 7,863 1 0 2 108 7,903 1 0 0 R5 7,771 3 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 106 8,345 3 0 0 1 114 8,397 3 0 0 R8 7,771 3 0 0 1 114 8,397 3 0 0 0 0 2 112 8,447 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 126 1 134 2 109 2 108 2 108 1 115 2 126 2 125 1 133 2 122 2 122 2 122 2 130 2 108
R4 5,256 1 0 2 117 5,644 1 0 2 125 5,679 1 0 0 0 R5 5,578 3 0 1 124 5,90 3 0 1 133 6,027 3 0 0 R2 7,344 1 0 0 2 101 7,864 1 0 2 108 7,935 2 0 0 R3 7,314 1 0 2 100 7,854 1 0 2 108 7,935 2 0 0 R4 7,314 1 0 0 2 100 7,854 1 0 2 108 7,932 1 0 0 R5 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R5 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R5 7,771 3 0 0 1 106 8,345 3 0 1 114 8,397 3 0 0 R5 7,771 3 0 0 1 106 8,345 3 0 1 1 114 8,397 3 0 0 R5 7,771 3 0 0 1 106 6,621 1 0 2 125 6,663 1 0 0 R5 7,912 1 0 0 R5 7,771 1 0 0 2 116 6,621 1 0 2 125 6,663 1 0 0 R5 7,912 1 0 0 R5 7,771 8,3 0 1 1 123 7,006 3 0 1 132 7,050 3 0 0 R4 6,635 1 0 0 2 125 6,663 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 134 2 109 2 108 2 108 1 115 2 126 2 125 2 125 1 133 2 122 2 122 2 122 2 130 2 108 2 109
30C	2 109 2 108 2 108 1 115 2 126 2 125 1 133 2 122 2 122 2 122 2 130 2 108 2 107
1000 mA 73W R3 7,314 1 0 2 100 7,854 1 0 2 108 7,903 1 0 R4 7,322 1 0 R5 7,771 3 0 1 106 R5 R5 6,663 1 0 1 0 1 106 R5 R5 6,663 1 0 1 0 1 106 R5 R5 6,652 3 0 1 106 R5 R5 6,525 3 0 1 107 R5 R5 6,525 3 0 1 108 R5 R5 8,272 3 0 2 113 8,360 2 0 2 121 8,412 2 0 2 121 8,412 2 0 121 8,422 1 0 R5 R5 8,272 3 0 2 113 8,370 1 0 2 114 8,422 1 0 R5 R5 11,381 3 0 2 115 R5 8,272 3 0 2 115 R5 8,272 3 0 2 115 8,221 1 0 2 115 8,378 1 0 2 115,549 2 0 2 116 11,574 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 2 0 11,587 2 0 11,587 2 0 11,587 11,587 2 0 11,587 11,587 11,587 11,587 11,587 11,587 1	2 108 2 108 1 115 2 126 2 125 2 125 1 133 2 122 2 122 2 122 2 130 2 108 2 108
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30C	2 126 2 125 2 125 1 133 2 122 2 122 2 122 2 130 2 108 2 107
30C R3	2 125 2 125 1 133 2 122 2 122 2 122 2 130 2 108 2 107
30C R4	2 125 1 133 2 122 2 122 2 122 2 130 2 108 2 107
30C POOMA R4 6,148 1 0 2 116 6,602 1 0 2 125 6,643 1 0 R5 6,525 3 0 1 123 7,006 3 0 1 132 7,050 3 0 R2 7,817 2 0 2 113 8,395 2 0 2 122 8,447 2 0 R3 7,785 1 0 2 113 8,360 2 0 2 121 8,412 2 0 R4 7,794 1 0 2 113 8,370 1 0 2 121 8,422 1 0 R5 8,272 3 0 2 120 8,883 3 0 2 129 8,938 3 0 R2 10,755 2 0 2 100 11,549 2 0 2 107 11,621 2 0 R4 10,724 2 0 2 99 11,515 2 0 2 106 11,574 2 0 R5 11,381 3 0 2 105 12,221 4 0 2 113 12,297 4 0 R5 11,381 3 0 2 105 12,221 4 0 2 113 12,297 4 0 R5 R5 8,122 2 0 2 114 8,132 1 0 2 115 8,758 2 0 2 123 8,812 2 0 R4 8,132 1 0 2 115 8,758 2 0 2 123 8,766 2 0 R5 R5 8,630 3 0 2 122 9,267 3 0 2 131 9,325 3 0	1 133 2 122 2 122 2 122 2 130 2 108 2 107
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30C 700 mA 69W R2	2 122 2 122 2 122 2 130 2 108 2 107
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30C 700 mA 69W R4 7,794 1 0 2 113 8,370 1 0 2 121 8,422 1 0 R5 8,272 3 0 2 120 8,883 3 0 2 129 8,938 3 0 R2 1000 mA 108W R4 10,724 2 0 2 99 11,502 2 0 2 107 11,621 2 0 R5 11,381 3 0 2 105 12,221 4 0 2 113 12,297 4 0 R5 11,381 3 0 2 115 8,758 2 0 2 123 8,812 2 0 R5 R4 8,132 1 0 2 115 8,758 2 0 2 123 8,766 2 0 R5 8,630 3 0 2 115 8,732 1 0 2 123 8,766 1 0 R5 8,630 3 0 2 122 9,267 3 0 2 131 9,325 3 0	2 122 2 130 2 108 2 107
R5 8,272 3 0 2 120 8,883 3 0 2 129 8,938 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 130 2 108 2 107
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1000 mA 108W R3 10,711 2 0 2 99 11,502 2 0 2 106 11,574 2 0 0 0 0 0 0 0 0 0	2 107
1000 mA R4 10,724 2 0 2 99 11,515 2 0 2 107 11,587 2 0 R5 11,381 3 0 2 105 12,221 4 0 2 113 12,297 4 0 R2 8,156 2 0 2 115 8,758 2 0 2 123 8,812 2 0 R3 8,122 2 0 2 114 8,722 2 0 2 123 8,766 2 0 R4 8,132 1 0 2 115 8,732 1 0 2 123 8,786 1 0 R5 8,630 3 0 2 122 9,267 3 0 2 131 9,325 3 0	
R5 11,381 3 0 2 105 12,221 4 0 2 113 12,297 4 0 R2 8,156 2 0 2 115 8,758 2 0 2 123 8,812 2 0 R3 8,122 2 0 2 114 8,722 2 0 2 123 8,766 2 0 R4 8,132 1 0 2 115 8,732 1 0 2 123 8,766 1 0 R5 8,630 3 0 2 122 9,267 3 0 2 131 9,325 3 0	2 107
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F30 mA 71W R3 8,122 2 0 2 114 8,722 2 0 2 123 8,776 2 0 R4 8,132 1 0 2 115 8,732 1 0 2 123 8,786 1 0 R5 8,630 3 0 2 122 9,267 3 0 2 131 9,325 3 0	_
84 8,132 1 0 2 115 8,732 1 0 2 123 8,786 1 0 R5 8,630 3 0 2 122 9,267 3 0 2 131 9,325 3 0	2 124
R5 8,630 3 0 2 122 9,267 3 0 2 131 9,325 3 0	2 124
	2 124
	2 131
R2 10,286 2 0 2 109 11,045 2 0 2 118 11,114 2 0	2 118
40C 700 mA 94W R3 10,244 2 0 2 109 11,000 2 0 2 117 11,069 2 0	2 118
R4 10,256 2 0 2 109 11,013 2 0 2 117 11,081 2 0	2 118
R5 10,884 3 0 2 116 11,688 4 0 2 124 11,761 4 0	2 125
R2 13,923 2 0 2 99 14,951 2 0 2 106 15,045 2 0	2 107
1000 mA	3 106
R4 13,882 2 0 3 98 14,907 2 0 3 106 15,000 2 0	3 106
R5 14,733 4 0 2 104 15,821 4 0 2 112 15,920 4 0	2 113
R2 11,996 2 0 2 116 12,882 2 0 2 125 12,963 2 0	2 126
530 mA 103W R3 11,947 2 0 2 116 12,829 2 0 2 125 12,909 2 0	2 125
R4 11,961 2 0 2 116 12,844 2 0 2 125 12,925 2 0	2 125
R5 12,694 4 0 2 123 13,632 4 0 2 132 13,717 4 0	2 133
R2 14,927 2 0 2 109 16,029 3 0 3 117 16,130 3 0	3 118
R3 14,866 2 0 3 109 15,964 2 0 3 117 16,063 2 0	3 117
60C 700 mA 137W R4 14,884 2 0 2 109 15,982 2 0 3 117 16,082 2 0	3 117
R5 15,796 4 0 2 115 16,962 4 0 2 124 17,068 4 0	2 125
R2 19,328 3 0 3 89 20,754 3 0 3 96 20,884 3 0	3 97
R3 19,248 3 0 3 89 20,669 3 0 4 96 20,799 3 0	4 96
1000 mA 216W R4 19,271 3 0 3 89 20,693 3 0 4 96 20,823 3 0	. , ,,,
R5 20,452 4 0 2 95 21,962 4 0 2 102 22,099 4 0	4 96



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Amb	Ambient		
0°C	32°F	1.02	
10°C	50°F	1.01	
20°C	68°F	1.00	
25°C	77°F	1.00	
30°C	86°F	1.00	
40°C	104°F	0.99	

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **KAD LED** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

or operating nours bere	ours below. For other furner maintenance values, contact factory.									
Operating Hours	0	25,000	50,000	100,000						
Lumen Maintenance Factor		KAD LED 60C 1000								
	1.0	0.91	0.86	0.76						
	KAD LED 40C 1000									
	1.0	0.93	0.88	0.79						
		KAD LED 60C 700								
	1.0	0.98	0.97	0.94						

Motion Sensor Default Settings								
Option	Dimmed State	High Level (when triggered)	Phototcell Operation	Dwell Time	Ramp-up Time	Ramp-down Time		
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min		
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min		
For use when motion sensor is used as dusk to dawn control								

PER Table								
Control PER		ER PER5 (5 wire)			PER7 (7 wire)			
Control	(3 wire)		Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7		
Photocontrol Only (On/Off)	V	A	Wired to dimming leads on driver	A	Wired to dimming leads on driver	Wires Capped inside fixture		
ROAM	0	V	Wired to dimming leads on driver	A	Wired to dimming leads on driver	Wires Capped inside fixture		
ROAM with Motion (ROAM on/off only)	0	A	Wires Capped inside fixture	A	Wires Capped inside fixture	Wires Capped inside fixture		
Future-proof*	0	A	Wired to dimming leads on driver	V	Wired to dimming leads on driver	Wires Capped inside fixture		
Future-proof* with Motion	0	A	Wires Capped inside fixture	V	Wires Capped inside fixture	Wires Capped inside fixture		

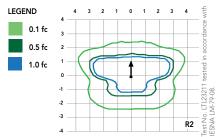


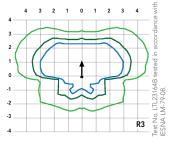
^{*}Future-proof means: Ability to change controls in the future.

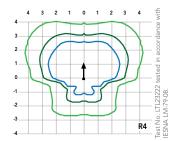
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's KAD LED homepage.

Isofootcandle plots for the KAD LED 60C 1000 40K. Distances are in units of mounting height (20').







Electrical Load

20

30

60

codes and ratings.

530

700

1000

530

700

1000

530

700

1000

530

700

1000

120

0.30

0.39

0.61

0.44

0.58

0.90

0.60

0.79

1.18

0.87

1.15

1.81

 $\label{eq:NOTE:all ratings} \ \text{in this table are for a nominal system operated at } 25^{\circ}\text{C} \ \text{ambient} \\ \text{temperature. Current and power specifications in this table do not include branch circuit derating specified in the National Electrical Code. Please observe all applicable electrical Code.}$

35

45

73

53

69

108

71

94

141

103

137

216

208

0.18

0.23

0.35

0.26

0.34

0.52

0.35

0.46

0.68

0.50

0.66

1.04

240

0.16

0.20

0.23

0.29

0.32

0.41

0.59

0.44

0.58

0.92

277

0.15

0.18

0.27

0.20

0.26

0.29

0.36

0.52

0.39

0.51

0.81

347

0.15

0.22

0.21

0.21

0.27

0.42

0.29

0.40

0.63

480

0.12

0.17

0.16

0.24

0.16

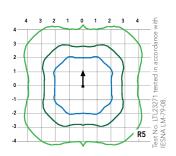
0.20

0.30

0.22

0.29

0.47





FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings and long life of the KAD LED area luminaire make it a reliable choice for illuminating streets, walkways, parking lots, and surrounding areas.

CONSTRUCTION

Single-piece die-cast, aluminum housing with contoured edges has a 0.12" nominal wall thickness. Die-cast door frame has an impact-resistant, tempered glass lens that is fully gasketed with one piece tubular silicone.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

OPTICS

Precision-molded refractive acrylic lenses are available in four distributions. Light engines are available in standard 4000K, 3000K or 5000K (70 CRI) configurations.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to a metal-core circuit board and aluminum heat sink, ensuring optimal thermal management and long life. Class 1 electronic driver has a power actor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Easilyserviceable surge protection device meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting block and extruded aluminum arm facilitate quick and easy installation using nearly any existing drilling pattern. Stainless steel bolts fasten the luminaire to the mounting block securing it to poles or walls. The KAD LED can withstand up to a 1.5 G vibration load rating per ANSI C136.31. The KAD LED also utilizes the standard K-Series (Template #5) for pole drilling.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be

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BUY AMERICAN

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

