KAD
KAC
KADT

Contour®

Intended Use
For parking areas, street lighting, walkways and car lots.

Construction
Housing: Rugged, die-cast, soft-corner aluminum housing with 0.12" nominal wall thickness.

Doorframe: KAD die-cast doorframe has impact-resistant, tempered glass lens that is fully gasketed with one-piece tubular silicone. KAC die-cast aluminum doorframe has prismatic, impact-resistant, tempered glass, drop dish acrylic lens or drop dish polycarbonate lens. Door frame is fully gasketed with one-piece silicone.

Finish: Dark bronze polyester powder finish. Additional architectural colors available; see www.lithonia.com/archcolors.

Optics
KAD: anodized aluminum hydro-formed or segmented reflectors. Four full cutoff distributions available: R2 (roadway), R3 (asymmetric), R4 (forward throw) and R5 (symmetric). High-performance, segmented reflectors are rotatable and field-interchangable. KAC reflector is optical-quality aluminum that works in tandem with a light-diffusing prismatic lens.

Electrical
All ballasts are 100% factory tested. High reactance, high power factor for 150W and below. Constant wattage autotransformer 175W and above. MH: 150W and below are standard with pulse-start ignitor technology. Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 151-400W (must order SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside the US.

Socket: Porcelain, horizontally oriented medium-base socket for 70-150W and mogul-base socket for 175W and above with copper alloy, nickel-plated screw shell and center contact. UL Listed 1500W-600V. 4KV pulse rated.

Installation
Extruded aluminum arm for square pole mounting. KADT mounts with SPD04 with an additional backing plate and receiver used to mount suspend tension rod. KADT mounts 11.27" lower than specified pole height.

Listings
UL Listed (standard). CSA Certified or NOM Certified (see Options). KAD UL Listed for 25°C ambient and wet locations. IP65 Rated.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: KAD 400M R3 TB SCWA SPD09 LPI

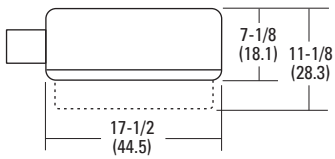
Series	Lamp type			Distribution				Voltage	Ballast		Mounting[11]			
KAC	High pressure sodium[1]	100M[1]	Metal halide ceramic[6]	KAD/KADT		SR3	Type III segmented[7]	120	**(blank)**	Magnetic ballast	Ships included		Ships separately[12, 13]	
KAD	70S	150M	70MHC[1, 2]	R2	Type II roadway[7]	SR4SC	Type IV segmented, FT, sharp cutoff	208[8]	CWI	Constant wattage isolated[10]	**SPD04**	4" contoured arm for square pole	KMA	External mast arm adaptor
KADT	100S	**175M**[3]	100MHC[1]	**R3**	Type III asymmetric[7]	KAC - Lens		240[8]	**SCWA**	Super CWA ballast	RPD04	4" contoured arm for round pole	DAD12P	12" contoured degree arm for pole
	150S	200M[4]	150MHC	**R4**	Type IV, FT[7]	FP	Flat C73T	**277**			WBD04	4" contoured arm for wall	DAD12WB	12" contoured degree arm for wall
	250S	**250M**		R5S	Type V symmetric square	DPA	Drop acrylic	**347**			**SPD09**	9" contoured arm for square pole	KTMB	Twin mounting bar
	400S	320M[4]		SR2	Type II segmented[7]	DPP	Drop polycarbonate	**480**[8]			RPD09	9" contoured arm for round pole	KADWBA	Decorative wall bracket (up or down)
	Metal halide	350M[4]						**TB**[9]			WBD09	9" contoured arm for wall		
	70M[1, 2]	**400M**[5]						23050HZ[10]						

Options						Finish		Lamped	
Ships installed		WTB	Terminal block[16]	PE4	NEMA twist-lock PE (480V)	**(blank)**	Dark bronze (std.)	**LPI**	Lamp included
SF	Single fuse, 120V, 277V, 347V	HS	House-side shield	PE7	NEMA twist-lock PE (277V)	**DBL**	Black	**L/LP**	Less lamp
DF	Double fuse, 208V, 240V, 480V	**CSA**	Meets Canadian standards	SC	Shorting cap for PER option	DGC	Charcoal gray		
EC	Emergency circuit[14]	NOM	Meets Mexican standards (consult factory)	VG	Vandal guard[18]	**DMB**	Medium bronze		
QRS	Quartz restrike system[14]	INTL	Available for MH probe start shipping outside the U.S.	WG	Wire guard[18]	**DNA**	Natural aluminum		
QRSTD	QRS time delay[14]	Ships separately[17]				**DWH**	White		
PER	NEMA twist-lock receptacle only[15]	PE1	NEMA twist-lock PE (120V-240V)			CR	Enhanced corrosion resistance		
PD	Power tray[16]	PE3	NEMA twist-lock PE (347V)			CRT	Non-stick protective coating (black)		

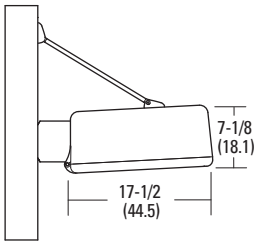
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	KAD/KAC (flat)	KAC (drop)
EPA:	1.2 ft² (0.11 m²)	1.4 ft² (0.13 m²)
Max. weight:	35.9 lbs (16.3 kg)	34 lbs (15.4 kg)



	KADT
EPA:	1.2 ft² (0.11 m²)
Max. weight:	35.9 lbs (16.3 kg)

Notes

1 Not available with SCWA.
2 Not available with 480V.
3 Universal mogul base lamp allows KAD, KADT and KAC to be available with SCWA.
4 Must be ordered with SCWA.
5 Reduced jacket ED28 required for SR2, SR3, & SR4SC optics.
6 Not applicable with L/LP.
7 HS Option available
8 Must specify CWI for us in Canada.
9 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V.
10 Consult factory for available wattages.
11 9" arm required when two or more luminaries are oriented @90°. KADT only available with SPD04 and only available at 180° orientations.
12 May be ordered as accessory. Not available with KADT.
13 Must specify finish.
14 Maximum allowable wattage lamp included.
15 Photocell not included.
16 Only available with SR2, SR3, & SR4SC optics.
17 May be ordered as accessory.
18 Prefix with fixture name and size (e.g., KADWG).