Xicato XIM Heatsink Compatibility Matrix v7.0

60° Angle Maximum Orientation in Free Air For Design Guidance Only, Actual Performance Will Vary Based on Luminaire Construction

X13

X20

8

Sheet 1 of 1

Part Number	Manufacturer	19mm LES					XIM1980XX			XIM19953		XIM1980XX				XIM1995)		XIM1980XX			
		9mm LES Dimensions (Diameter x Height)			XIM0980XX07		XIM0995XX07				XIM0980XX13						XIM0995XX13				
					VINO						OWIX						OWIX				
	xtruded Solid Core I																				_
XSA-298	Mechatronix	(Ø47mm X 30mm)																			J
XSA-215 XSA-380	Mechatronix MingfaTech	(Ø47mm X 50mm) (Ø48mm X 50mm)																			ł
XSA-380 XSA-216	Mechatronix	(Ø48mm X 80mm) (Ø47mm X 80mm)																			H
XSA-381	MingfaTech	(Ø48mm X 80mm)																			H
XSA-299	Mechatronix	(Ø70mm X 30mm)																			ľ
XSA-68	AVC	(Ø80mm X 30mm)																			Π
XSA-212	Mechatronix	(Ø70mm X 50mm)																			
XSA-307	MingfaTech	(Ø70mm X 50mm)																			
XSA-300	Mechatronix	(Ø86mm X 30mm)																			1
XSA-213	Mechatronix	(Ø70mm X 80mm)																			4
XSA-308	MingfaTech	(Ø70mm X 80mm)																			H
XSA-301 XSA-382	Mechatronix MingfaTech	(Ø86mm X 50mm) (Ø85mm X 50mm)																			H
XSA-382 XSA-69	AVC	(Ø80mm X 90mm)																			l
XSA-09 XSA-97	Mechatronix	(Ø99mm X 50mm)																			ſ
XSA-383	MingfaTech	(Ø85mm X 80mm)																			1
XSA-302	Mechatronix	(Ø86mm X 80mm)																			1
XSA-309	MingfaTech	(Ø96mm X 50mm)																			Í
XSA-303	Mechatronix	(Ø135mm X 30mm)																			
XSA-384	MingfaTech	(Ø110mm X 50mm)																			ſ
XSA-385	MingfaTech	(Ø110mm X 80mm)																			L
XSA-305	Mechatronix	(Ø111mm X 80mm)																			4
XSA-312	Mechatronix	(Ø152mm X 20mm)												 	 						4
XSA-311	MingfaTech	(Ø135mm X 40mm)																			4
XSA-386 XSA-98	MingfaTech Mechatronix	(Ø130mm X 40mm) (Ø99mm X 80mm)							 					 	 						4
XSA-98 XSA-310	MingfaTech	(Ø96mm X 80mm)																			H
	ktruded Centerfeed																				4
XSA-37	Various	(Ø49mm X 35mm)																			đ
XSA-39	Various	(Ø70mm X 40mm)																			I
XSA-38	Various	(Ø70mm X 70mm)																			Π
xtruded Centerfe	ed Heatsinks Requi	ring a Spacer (See Notes)																			
XSA-31	Various	(Ø99mm X 40mm)																			
XSA-27	Various	(Ø99mm X 70mm)																			4
XSA-28	Various	(Ø134mm X 40mm)																			4
XSA-54	Various Pin Fin Heatsir	(Ø120mm X 70mm)																			4
XSA-60	Mechatronix	(Ø50mm X 30mm)																			
XSA-60 XSA-316	MingfaTech	(Ø48mm X 30mm)																			J
XSA-61	Mechatronix	(Ø50mm X 50mm)																			ſ
XSA-319	MingfaTech	(Ø58mm X 30mm)																			ſ
XSA-317	MingfaTech	(Ø48mm X 50mm)																			ſ
XSA-63	Mechatronix	(Ø70mm X 30mm)																			ſ
XSA-62	Mechatronix	(Ø60mm X 50mm)																			l
XSA-217	Mechatronix	(Ø49mm X 60mm)																			٥
XSA-318	MingfaTech	(Ø48mm X 68mm)																			l
XSA-321	MingfaTech	(Ø68mm X 30mm)																			J
XSA-320 XSA-66	MingfaTech Mechatronix	(Ø58mm X 50mm) (Ø80mm X 30mm)																			ſ
XSA-66 XSA-64	Mechatronix Mechatronix	(Ø80mm X 30mm) (Ø70mm X 50mm)																			l
XSA-64 XSA-65	Mechatronix	(Ø70mm X 60mm)																			l
XSA-05 XSA-325	MingfaTech	(Ø78mm X 30mm)																			ſ
XSA-322	MingfaTech	(Ø68mm X 50mm)																			ſ
XSA-67	Mechatronix	(Ø80mm X 50mm)																			ĺ
XSA-326	MingfaTech	(Ø78mm X 50mm)																			Í
XSA-219	Mechatronix	(Ø86mm X 68mm)																			1
XSA-327	MingfaTech	(Ø110mm X 50mm)																			1
XSA-96	Mechatronix	(Ø111mm X 80mm)																			4
XSA-328	MingfaTech	(Ø110mm X 80mm)																			4
	Heat Pipe Cooling S																				4
SC-HPK-110	FrigoDynamics	(Ø100mm X 110mm)																			4
XSA-48	Active Fan Solut ebm-papst	(Ø70mm X 60mm)																			-
egend:	- com-papsi	(Joronnin X donnin)																			4
	BLUE: Suitable for GREEN: Suitable for	able for maximum ambient maximum ambient tempe or maximum ambient temp for maximum ambient tem	ratures peratur	s up to res up	45°C to 40°	с															

Notes:

-Compatibility shown in the chart is based on free airflow (no blockage) to the heatsink. Blockage or restriction of air will cause temperature rise. This matrix is for guidance only and is based on nominal module thermal performance. Thermal testing in a representative luminaire configuration should always be preformed. -Thermal performance of the Xicato 80CRI products and Vibrant V80 products is identical for a given lumen package.

-"Spacer" refers to XSA-270, XSA-271, or XSA-274. Some heatsinks require the use of a spacer to spread heat as the heatsink's center hole is too large for the XTM to make sufficent thermal contact.

-Contact Xicato for more information, CAD models, or supplier contact info. -Additional flux packages and heatsinks may be added in the future.