ArcheType® X

with

type X distribution ™

Infinite adjustability...

KIM LIGHTING

HUBBELL® **HUBBELL** Lighting

The Story of Type X

Kim Lighting's innovative approach to SSL technology follows in the proven performance model of segmented optics, placing the light where it's needed and with higher target efficiency. The Kim Lighting LEAR™ (Light Engine Adjustable Ready) optical system advances our aimed optic technology with low glare, visual comfort, and customer defined distributions, an exciting leap forward in outdoor lighting. We call this Type X Distribution. "X" is whatever you need it to be. X marks the spot where you want the light, and equally important, excludes light from where it is not wanted or needed.

- Standard IP66 rated LEAR modules contain 6 LEDs

- "Laser" spot LEAR modules utilize 3 LEDs creating a 5° X 5° concise square beam distribution

- AGi32 V. 16.3 or greater software with Design Isolines is the nexus between easy design and precision performance

- Type X distributions are quickly and easily translated to Kim Lighting via traditional IES file format

- Engineering and Manufacturing processes are designed to assemble and confirm the X distribution per the designer's criterion

- Unique luminaire and package labeling for exact field identification

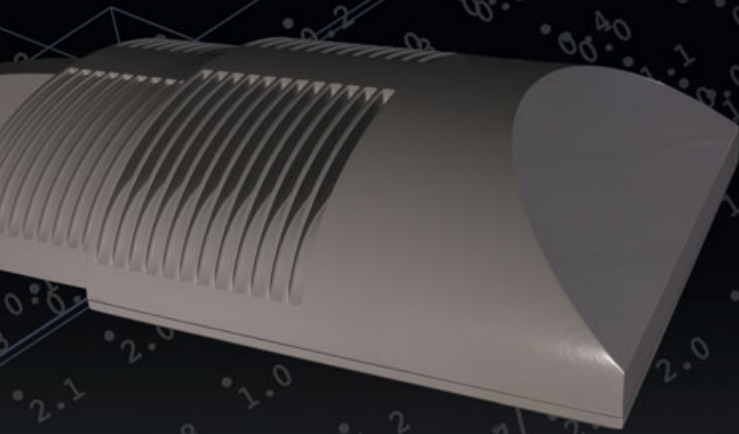- 355° rotation with 70° module tilt independent of the luminaire

Emitter Module

Kim Lighting is proud to announce the new LEAR (Light Engine Adjustable Ready) Module, a concept that brings unparalleled flexibility to the lighting industry. By incorporating this innovative technology, Kim Lighting has developed the first outdoor luminaires with independently adjustable LED emitters.
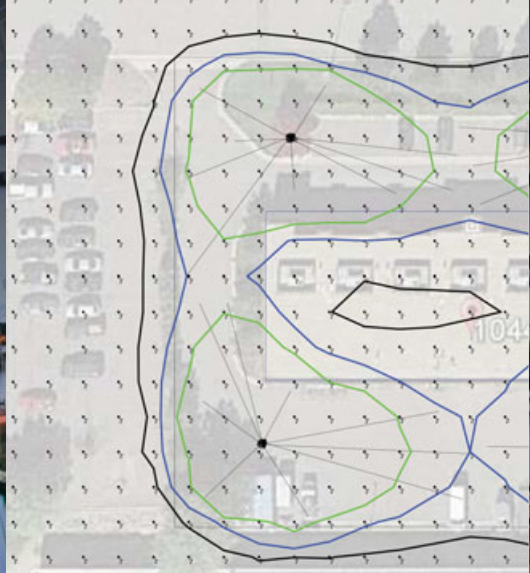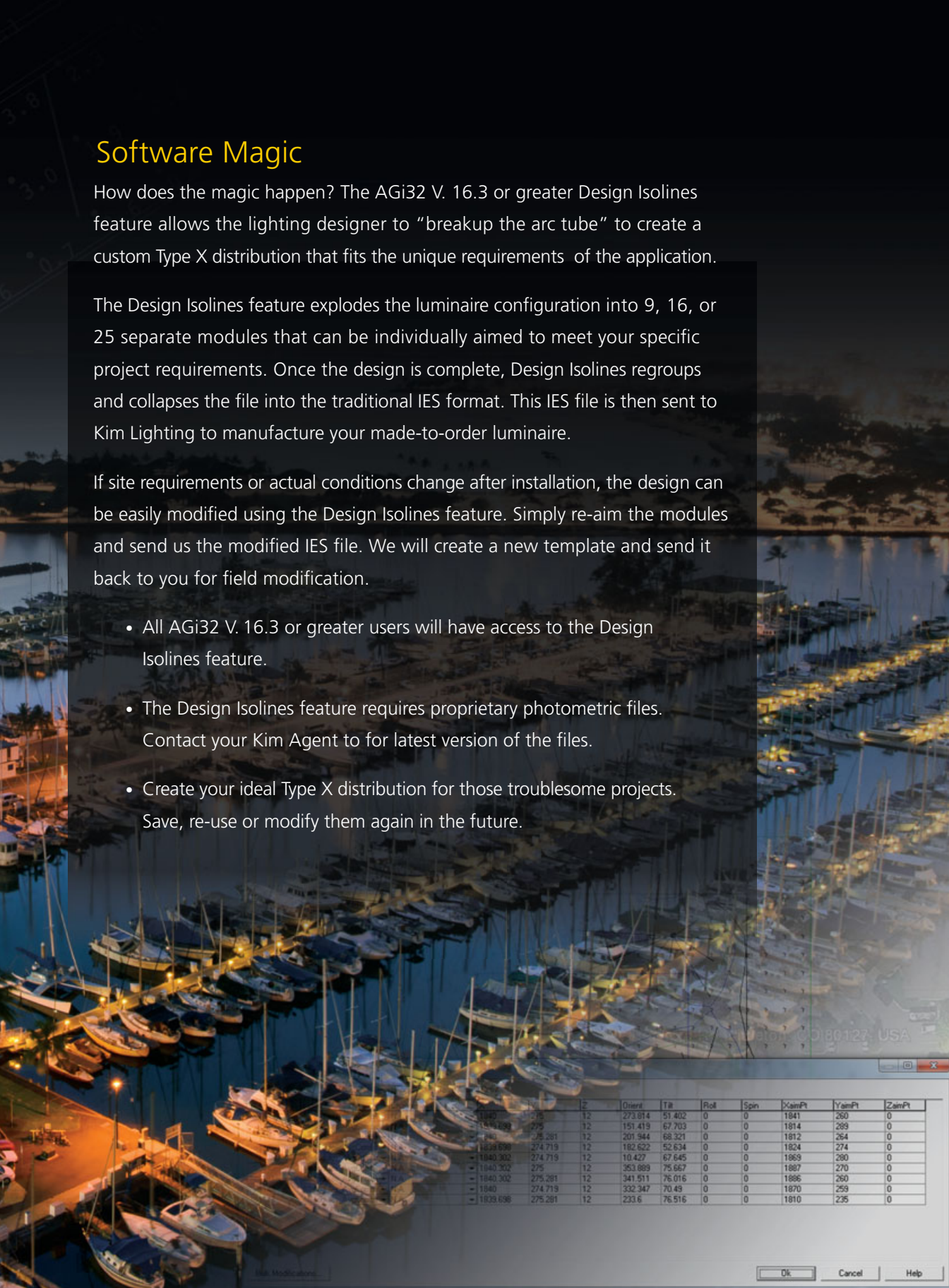
Before

After

Type 3

Type X

Software Magic

How does the magic happen? The AGi32 V. 16.3 or greater Design Isolines feature allows the lighting designer to "breakup the arc tube" to create a custom Type X distribution that fits the unique requirements of the application.

The Design Isolines feature explodes the luminaire configuration into 9, 16, or 25 separate modules that can be individually aimed to meet your specific project requirements. Once the design is complete, Design Isolines regroups and collapses the file into the traditional IES format. This IES file is then sent to Kim Lighting to manufacture your made-to-order luminaire.

If site requirements or actual conditions change after installation, the design can be easily modified using the Design Isolines feature. Simply re-aim the modules and send us the modified IES file. We will create a new template and send it back to you for field modification.

- All AGi32 V. 16.3 or greater users will have access to the Design Isolines feature.

- The Design Isolines feature requires proprietary photometric files. Contact your Kim Agent to for latest version of the files.

- Create your ideal Type X distribution for those troublesome projects. Save, re-use or modify them again in the future.

		Z	Orient	Tilt	Roll	Spin	XaimPt	YaimPt	ZaimPt
1840	275	12	273.814	51.402	0	0	1841	260	0
1839.698	275	12	151.419	67.703	0	0	1814	289	0
	275.281	12	201.944	68.321	0	0	1812	264	0
1839.698	274.719	12	182.622	52.634	0	0	1824	274	0
1840.302	274.719	12	10.427	67.645	0	0	1869	290	0
1840.302	275	12	353.889	75.667	0	0	1887	270	0
1840.302	275.281	12	341.511	76.016	0	0	1886	260	0
1840	274.719	12	332.347	70.49	0	0	1870	259	0
1839.698	275.281	12	233.6	76.516	0	0	1810	235	0

Ok   Cancel   Help

ArcheType X Flood

Paying homage to the classic Kim Lighting Archetype luminaire styling, the ArcheType X Flood Family adds a modern twist to the Archetype design and distinguishes itself from all other floodlighting in the marketplace. The ArcheType X Flood utilizes LEAR Modules to create a powerful, customizable tool for implementing a designer's vision for nighttime façade lighting. With the ability to create extraordinary distributions specific to the site, this powerful luminaire is exceptionally versatile, bringing high quality lighting control and energy savings together without compromise.
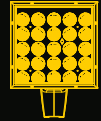
ArcheType X Flood

		ARFX09	ARFX16	ARFX25
1	**Fixture:**	ARFX09	ARFX16	ARFX25

2	**Distribution**	**WF** Wide Flood	**MF** Medium Flood	**NS** Narrow Spot	**X**[1] IES File Name	
		VF Vertical Flood	**NF** Narrow Flood	**SP** Spot		

3	**Electrical Module**	**COLOR**	**3K** 3000K **4K** 4000K **5K** 5000K
		DRIVE CURRENT	**Flood**
		ARFX09:	**35, 40, 45, 50, 55, 60, 65, 70**[2]
		ARFX16:	**35, 40, 45, 50, 55, 60, 65, 70**[2]
		ARFX25:	**35, 40, 45, 50, 55, 60**
			Spot
		ARFX09SP:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90**
		ARFX16SP:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90**
		ARFX25SP:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85**
			35 = 350mA, in 50mA increments.
			All Drive Currents Available Without Lens.
		VOLTAGE	**UV** 120‑277 V **347** 347 V **480** 480 V

4	**Finish**	**BL** Black	**LG** Light Gray	**TT** Titanium	**CC**[3] Custom Color
		DB Dark Bronze	**PS** Platinum Silver	**WH** White	

5	**Photocell Options**	Receptacles: **A25-7H** 7-pin Horiz., **A25-7V** 7-pin Vert. Button Photocells: **A30** 120V, **A31** 208V, **A32** 240V, **A33** 277V, **A34** 480V, **A35** 347V

6	**Fuse Options**	**SF** 120, 277, 347 Line Volts **DF** 208, 240, 480 Line Volts

7	**NFO Option**	**NFO** Neighbor Friendly Optic

8	**Controls**	**TYPE**
	Wireless	**WIR-RML-IO** 120 - 347V 1000 Foot Range WiScape RF mesh control system with off/ on/dim, motion, photo, GPS location, alert, monitoring and metering capabilities.

9	**Mounting Options**	**SMT** Surface Mount Tenon, **SM2** Stanchion Mount Tenon, **WM2** Wall Mount Tenon, **MTM-2B** Twin Mount Tenon, **MTM-3E** Triple Mount Tenon

Example: ARFX16 / WF / 3K40UV / SG

1	2	3	4

Custom Example: ARFX16 / X (IES File Name) / 3K40UV / SG

1	2	3	4

1 Custom distributions must include IES file name.

2 ARFX25 is limited to 600mA.

3 Custom colors subject to additional charges, minimum quantities, and extended lead times. Consult representative.

ArcheType X Wall

In line with Kim Lighting's "Theory of Relativity", the complementary Archetype X Wall Family is designed to allow either focused up or down distributions. Wall mounting installation is simple with the integrated speed-mount feature. The luminaire slides into place making the electrical connection and is secured with a single bolt. With the Wall luminaire, a designer can illuminate architectural details, signage, directional pathways or perimeter lighting with exceptional precision. This design freedom allows containment of the light to just the areas where it is needed, improving project efficiency and eliminating light trespass.
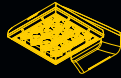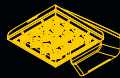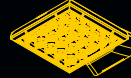
ArcheType X Wall

1 Fixture:	ARWX09	ARWX16	ARWX25

2 Mount Direction	**D** Down		**U** Up

3 Distribution	**1** Type 1	**4** Type 4	**S** Spot	**W** Wall Wash
	2 Type 2	**L** Left	**N** Narrow Spot	**X**[1] IES File Name
	3 Type 3	**R** Right	**G** Grazer	

4 Electrical Module	**COLOR**	**3K** 3000K **4K** 4000K **5K** 5000K
	DRIVE CURRENT	**Flood**
	ARWX09:	**35, 40, 45, 50, 55, 60, 65, 70**[2]
	ARWX16:	**35, 40, 45, 50, 55, 60, 65, 70**[2]
	ARWX25:	**35, 40, 45, 50, 55, 60**
		Spot
	ARWX09S:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90**
	ARWX16S:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90**
	ARWX25S:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80**
		35 = 350mA, in 50mA increments.
		All Drive Currents Available Without Lens.
	VOLTAGE	**UV** 120-277 V **347** 347 V **480** 480 V

5 Finish	**BL** Black	**LG** Light Gray	**TT** Titanium	**CC**[3] Custom Color
	DB Dark Bronze	**PS** Platinum Silver	**WH** White	

6 Photocell Options	Receptacles: **A25-7**
	Button Photocells: **A30** 120V, **A31** 208V, **A32** 240V, **A33** 277V, **A34** 480V, **A35** 347V

7 Fuse Options	**SF** 120, 277, 347 Line Volts **DF** 208, 240, 480 Line Volts

8 NFO Option	**NFO** Neighbor Friendly Optic

9 Controls	**TYPE**
Wireless	**WIR-RML-IO** 120 - 347V 1000 Foot Range WiScape RF mesh control system with off/on/dim, motion, photo, GPS location, alert, monitoring and metering capabilities.
Motion Occupancy Sensor	**SCL**[4] Fixture Mounted Occupancy Sensor up to 16' **SCH**[4] Fixture Mounted Occupancy Sensor 16' to 30'

10 Battery Backup	**EM**[5] Integral Emergency Battery Pack

Example: ARWX16 / U / W / 3K35UV / SG / EM
1   **2** **3**   **4**   **5** **10**

Custom Example: ARWX16 / U / X (IES File Name) / 3K35UV / SG / EM
1   **2**   **3**   **4**   **5** **10**

1 Custom distributions must include IES file name.

2 ARWX25 is limited to 600mA.

3 Custom colors subject to additional charges, minimum quantities, and extended lead times. Consult representative.

4 Only applies when mounted in down position.

5 Battery Backup is rated -45° to 85°C.

ArcheType X™ Site / Area

To complete our ArcheType X offering, Kim Lighting introduces the ArcheType X Site/Area Luminaire. LEAR Modules allow these luminaires to take on tasks previously accomplished by ground-mounted sign lighting or landscape level products. Vertical illuminance without obtrusive glare or wasteful spill light is created by simply aiming the LEAR Module toward the target. Beams can be concentrated to highlight traffic lanes, pathways or walls while minimizing boundary lighting trespass without the need for external louvers or shields.

ArcheType X Site / Area

1 Configuration	1SA, 2SB, 2SL, 3ST, 3SY[1], 4SC, 1W, HSF			

2 Fixture:	ARX09	ARX16	ARX25

3 Distribution	**1** Type 1	**3** Type 3	**5** Type 5	**R** Right
	2 Type 2	**4** Type 4	**L** Left	**X**[2] IES File Name

4 Electrical Module	COLOR	**3K** 3000K **4K** 4000K **5K** 5000K	
	DRIVE CURRENT	**With Lens**	
	ARX09:	**35, 40, 45, 50, 55, 60, 65, 70**	
	ARX16:	**35, 40, 45, 50, 55, 60, 65, 70**	
	ARX25:	**35, 40, 45, 50, 55, 60**	
		Without Lens	
	ARX09:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105**	
	ARX16:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90**	
	ARX25:	**35, 40, 45, 50, 55, 60, 65, 70, 75, 80**	
		35 = 350mA, in 50mA increments.	
		All Drive Currents Available Without Lens.	
	VOLTAGE	**UV** 120-277 V **347** 347 V **480** 480 V	

5 Finish	**BL** Black	**LG** Light Gray	**TT** Titanium	**CC**[3] Custom Color
	DB Dark Bronze	**PS** Platinum Silver	**WH** White	

6 Support Arm	**US** Upswept, **ST** Straight

7 Photocell Options	Receptacles: **A25-7**
	Button Photocells: **A30** 120V, **A31** 208V, **A32** 240V, **A33** 277V, **A34** 480V, **A35** 347V

8 Fuse Options	**SF** 120, 277, 347 Line Volts **DF** 208, 240, 480 Line Volts

9 Lens Option	**FGL** Flat Glass Lens

10 NFO Option	**NFO** Neighbor Friendly Optic

11 Controls		**TYPE**
Wireless	**WIR-RML-IO** 120 - 347V 1000 Foot Range WiScape RF mesh control system with off/on/dim, motion, photo, GPS location, alert, monitoring and metering capabilities.	
Motion Occupancy Sensor	**SCL** Fixture Mounted Occupancy Sensor up to 16'	
	SCH Fixture Mounted Occupancy Sensor 16' to 30'	

12 Mounting Options	**VSF** Vertical Slipfitter Mount, round for 2" pipe (2³/₈" OD) tenon.
	SVSF Square Vertical Slipfitter Mount, square for 2" pipe (2³/₈" OD) tenon.
Side Arm Mount	**3-4RD** 3.3" to 4.2" OD round pole
	4-6RD 4.5" to 6" OD round pole
	SQ Square Pole

Example: 1SA / ARX16 / 3 / 4K70480 / PS / US / SCL

	1	2	3	4	5	6	11

Custom Example: 1SA / ARX16 / X (IES File Name) / 4K70480 / PS / US / SCL

	1	2	3	4	5	6	11

1 3SY is configuration is available for round poles only.

2 Custom distributions must include IES file name.

3 Custom colors subject to additional charges, minimum quantities, and extended lead times. Consult representative.

HUBBELL
Lighting

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No more square pegs in round holes.

Experience the freedom to create lighting designs that fit the application. Put light where you want it and take full advantage of the controllable, low glare, energy savings and lower maintenance costs of LED technology with the Kim Lighting ArcheType X family of luminaire

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