

## 21" Arm Mounted Luminaire

SITE / ROADWAY



### FEATURES

- Symmetric, square style luminaire for pedestrian and area lighting applications
- Pulse start metal halide and high pressure sodium sources
- Dark-Sky compliant, full cut-off with flat glass lens
- Houseside and Neighbor Friendly Backlight Shield (for Type IV only) available for spill light control
- Sealed optical chamber, IP-66 rated

### ORDERING INFORMATION (Example)

<b>2B</b>		<b>MX21A3</b>		<b>175PMH120</b>		<b>WH</b>		<b>A-25/SF</b>		<b>—</b>		<b>PSA20-5188B/WH</b>			
<b>MOUNTING</b>				<b>FIXTURE FINISH</b>				<b>FIXTURE OPTIONS</b>				<b>POLE / POLE ARM</b>			
EPA				BL Black				A-25 Photocell Control				See p. 766-770 for ordering no., pole and arm EPA.			
1A 1 Arm Side Mt. 2.1				DB Dark Bronze				CGL Convex Glass Lens <sup>2</sup>							
2B 2 Arm Side Mt. 4.2				LG Light Gray				LS Polycarbonate Lens <sup>3</sup>							
2L 2 Arm Side Mt. 3.8				SG Stealth Gray™				HS Houseside shield <sup>4</sup>							
3T 3 Arm Side Mt. 5.1				PS Platinum Silver				HSC Houseside shield for Convex Glass Lens <sup>5</sup>							
4C 4 Arm Side Mt. 6.0				WH White				NFS Neighbor Friendly Backlight Shield <sup>6</sup>							
1W Single Wall Mt. —				CC Custom Color*				AF Air Filter							
NOTE: EPA is for Fixture only				*Consult representative											
<b>FIXTURE</b>				<b>ELECTRICAL MODULE</b>								<b>SLIPFITTER MOUNTING OPTIONS</b>			
Matrix-Arm - Horizontal				175PMH 175W PMH				150HPS 150W HPS				VERTICAL			
MX21A1 Horizontal Type I				250PMH 250W PMH				250HPS 250W HPS				4" Round, Standard Fixtures			
MX21A2 Horizontal Type II				320PMH 320W PMH				400HPS 400W HPS				VSF-1A 1 fixture side mt.			
MX21A3 Horizontal Type III												VSF-2B 2 fixtures side mt. 180°			
MX21A4 Horizontal Type IV												VSF-2L 2 fixtures side mt. 90°			
MX21A5 Horizontal Type V												VSF-3T 3 fixtures side mt. 90°			
Matrix-Arm - Vertical				Voltages				Voltages				VSF-4C 4 fixtures side mt. 90°			
MX21AF3 Asymmetric				120 120V				120 120V				4" Square, Standard Fixtures			
MX21AF5 Symmetric Square				208 208V <sup>7</sup>				208 208V <sup>7</sup>				SVSF-1A 1 fixture side mt.			
				240 240V <sup>7</sup>				240 240V <sup>7</sup>				SVSF-2B 2 fixtures side mt. 180°			
				277 277V				277 277V				SVSF-2L 2 fixtures side mt. 90°			
				347 347V				347 347V				SVSF-3T 3 fixtures side mt. 90°			
				480 480V				480 480V				SVSF-4C 4 fixtures side mt. 90°			
												HORIZONTAL			
												HSF For Pole Davit Arm			

<sup>1</sup> Manufacturers of metal halide lamps recommend turning them off for 15 minutes once per week when under continuous operations to reduce the risk of arc tube rupture at end of life. See lamp manufacturers' spec sheets for color temperature variations.

<sup>2</sup> Convex lens is standard on all vertical lamp optical systems.

<sup>3</sup> Use only in high-vandalism situations. Useful life is limited by UV discoloration from sunlight and metal halide lamps.

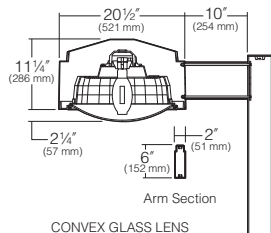
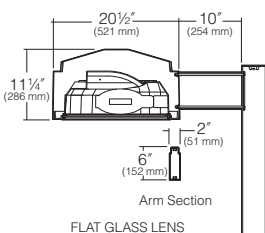
<sup>4</sup> Recommended for clear lamps only. Not for use with Type V light distributions.

<sup>5</sup> For use with all fixtures with convex glass lens. Not for use with Type V light distributions.

<sup>6</sup> Only available with Type IV reflectors.

<sup>7</sup> Constant wattage isolated ballast is required on all 208V and 240V Canadian orders.

**NOTE:** Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe start Metal Halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacement ballasts for warranty service claims. (Visit [www.aboutlightingcontrols.org](http://www.aboutlightingcontrols.org) or the Library of Congress website for more details).



## 21" Post Top Luminaire

### FEATURES



- Symmetric, square style luminaire for pedestrian and area lighting applications
- Vertical and horizontal optical systems for a variety of distribution patterns
- Pulse start metal halide and high pressure sodium sources
- Dark-Sky compliant, full cut-off and cutoff optics available
- Houseside and Neighbor Friendly Backlight Shield (for Type IV only) available for spill light control
- Sealed optical chamber, IP-66 rated

MX



SITE / ROADWAY

### ORDERING INFORMATION (Example)

<b>FM</b>	<b>MX21P3</b>	<b>175PMH120</b>	<b>WH</b>	<b>A-25/SF</b>	<b>PSA20-5188FM/WH</b>
<b>MOUNTING</b>		<b>FIXTURE FINISH</b>		<b>FIXTURE OPTIONS</b>	
	<b>FM</b> Flush Mt. 1.7	<b>BL</b> Black	<b>A-25</b> Photocell Control	<b>SF</b> 120 Volt Single Fuse	<b>POLE / POLE ARM</b> See p. 768-770 for ordering no., pole and arm EPA.
	<b>PT</b> Pole Tenon Mt. 1.7	<b>DB</b> Dark Bronze	<b>CGL</b> Convex Glass Lens <sup>2</sup>	<b>DF</b> 208 Volt Double Fuse	
<b>NOTE:</b> EPA is for Fixture only		<b>LG</b> Light Gray	<b>LS</b> Polycarbonate Lens <sup>3</sup>	<b>DF</b> 240 Volt Double Fuse	
		<b>SG</b> Stealth Gray™	<b>HS</b> Houseside shield <sup>4</sup>	<b>SF</b> 277 Volt Single Fuse	
		<b>PS</b> Platinum Silver	<b>HSC</b> Houseside shield for Convex Glass Lens <sup>5</sup>	<b>SF</b> 347 Volt Single Fuse	
		<b>WH</b> White	<b>NFS</b> Neighbor Friendly Backlight Shield <sup>6</sup>	<b>DF</b> 480 Volt Double Fuse	
		<b>CC</b> Custom Color*	*Consult representative		
<b>FIXTURE</b>		<b>ELECTRICAL MODULE</b>			
Matrix-Post - Horizontal		<b>175PMH</b> 175W PMH	<b>150HPS</b> 150W HPS		
<b>MX21P1</b>	Horizontal Type I	<b>250PMH</b> 250W PMH	<b>250HPS</b> 250W HPS		
<b>MX21P2</b>	Horizontal Type II	<b>320PMH</b> 320W PMH	<b>400HPS</b> 400W HPS		
<b>MX21P3</b>	Horizontal Type III	<b>350PMH</b> 350W PMH			
<b>MX21P4</b>	Horizontal Type IV	<b>400PMH</b> 400W PMH			
<b>MX21P5</b>	Horizontal Type V				
Matrix-Post - Vertical		<b>Voltages</b>	<b>Voltages</b>		
<b>MX21PF3</b>	Asymmetric	<b>120</b> 120V	<b>120</b> 120V		
<b>MX21PF5</b>	Symmetric Square	<b>208</b> 208V <sup>7</sup>	<b>208</b> 208V <sup>7</sup>		
		<b>240</b> 240V <sup>7</sup>	<b>240</b> 240V <sup>7</sup>		
		<b>277</b> 277V	<b>277</b> 277V		
		<b>347</b> 347V	<b>347</b> 347V		
		<b>480</b> 480V	<b>480</b> 480V		

PMH = Pulse Start Metal Halide<sup>1</sup>  
HPS = High Pressure Sodium

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<sup>3</sup> Use only in high-vandalism situations. Useful life is limited by UV discoloration from sunlight and metal halide lamps.

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