



## SMX-WiE SERIES

# LED ROADWAY LUMINAIRE

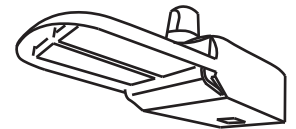
This SMX-WiE series roadway luminaire is designed for municipality and Department of Transportation, equivalent to 50W-400+W HPS/MH cobra-head luminaire.





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### Application

Local, Collector, Major Roadway  
Small to large intersection  
Freeway/Expressway

### Replacement Suggestions

~50W HPS-18W LED  
~70-100W HPS-26W/35W LED  
~150W HPS-55W LED  
~200W HPS-72W LED  
~250W HPS-82W LED  
~310W HPS-110W/115W LED  
~400W HPS-150W LED  
~400W+HPS-190W/200W/260W LED

### Benefit

Up to 79% energy savings  
Over 100,000 hours service life  
Additional savings with controls

### Optical

Highly efficient LEDs with exceptional uplight control (U=0)  
CCT 2200K, 2700K, 3000K, 4000K, 5000K;  
70 CRI minimum  
The optical system have a rating of IP 66

### Electrical

Voltage: 120-277 VAC, 347-480 VAC or 120-480 VAC\*  
(\*120-480VAC only applies to 150W and above)  
Power Factor >90%;  
Total Harmonic Distortion (THD) <15%  
Standard 20kV/10kA Surge Protection per ANSI C136.2  
EMC compiles with FCC 47 CFR part 15  
0-10V dimmable power supply as standard

### Finish

Standard gray finish; dark bronze, black, white are available  
Finish resists corrosion per 1000 hours salt spray test ASTM B117  
Coating exhibit  $\leq 30\%$  reduction of gloss per ASTM D522 after 500 hours of QUV testing at ASTM G154  
Optional Coastal Finish per AAMA 2604

### Housing

Die-cast aluminum alloy meeting ASTM Specification A380  
with optional A360  
Housing with corrosion resistant polyester powder coat larger than  
2 mil thickness

### Mounting

Standard gauge slip-fitter clamping for nominal 1-5/8" to 2-3/8"  
O.D. steel pipe  
Direct Pole Mount, Adjustable Slipfitter options are available  
Leveling adaptor allows -5, -2.5, 0, +5, +10 degree of correction

### Operating

Ambient temperature range: -40°C to +50°C (-40°F to +122°F)

### Control

Standard ANSI C136.41 7-pin rotatable receptacle with shorting cap  
Optional photo electric sensor available  
Optional motion sensor available  
Optional wireless control available

### Standard

UL 1598 listed, suitable for wet location  
DesignLights Consortium (DLC) Premium qualified  
Compiles with ANSI C136.2, C136.41, C136.10, C136.15, C136.22,  
C136.25, C136.31, C136.35, C136.37, C62.41, C82.77  
CCT 2700K and 3000K models meet IDA certification and approval

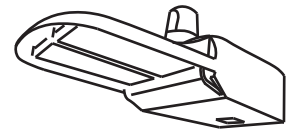


### Warranty

Standard 7-year warranty  
Optional 10-year warranty



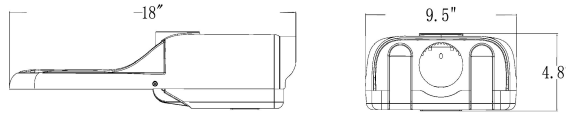
# LED ROADWAY LUMINAIRE



## SMX-WIE SERIES

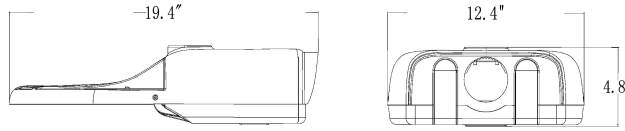
PRODUCT DIMENSION

SMX-18WiE  
SMX-26WiE  
SMX-35WiE  
SMX-55WiE



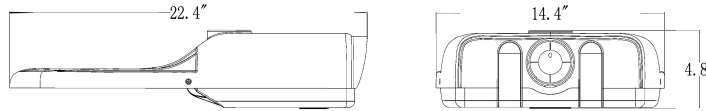
Luminaire Weight: 7.7 lbs.  
Luminaire EPA: 0.48 sq.ft.  
**Luminaire Package (2)** per box  
23" L x 13" W x 11" H / box  
17.6 lbs./ box

SMX-72WiE  
SMX-82WiE  
SMX-110WiE



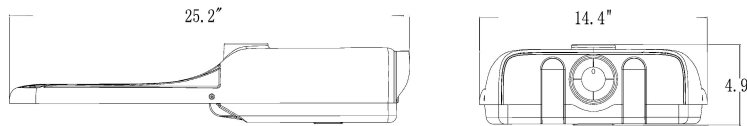
Luminaire Weight: 9.3 lbs.  
Luminaire EPA: 0.52 sq.ft.  
**Luminaire Package (2)** per box  
24" L x 15" W x 11" H / box  
21 lbs./ box

SMX-115WiE  
SMX-150WiE  
SMX-190WiE



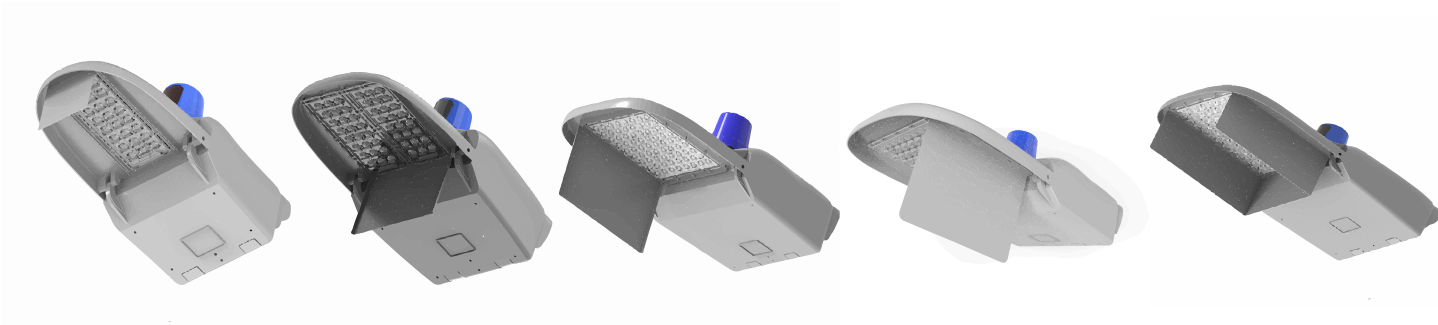
Luminaire Weight: 12.1 lbs.  
Luminaire EPA: 0.57 sq.ft.  
**Luminaire Package (2)** per box  
25" L x 18" W x 11" H / box  
26.5 lbs./ box

SMX-200WiE  
SMX-260WiE



Luminaire Weight: 16.1 lbs.  
Luminaire EPA: 0.65 sq.ft.  
**Luminaire Package (2)** per box  
29" L x 17" W x 11" H / box  
34.5 lbs./ box

## Light Shield Options



Street- Side Shield

House- Side Shield

Left Trespass Shield

Right Trespass Shield

Cul-de-sac Shield

## Mounting Options



Mast Arm for Round/Square pole

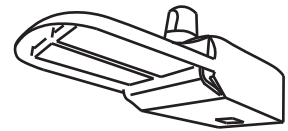


Adjustable Slipfitter



Straight Arm for Round/Square pole

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## SMX-WIE SERIES

### PERFORMANCE DATA

Model	Drive Current	System Wattage (W)	2700K		3000K		4000K		BUG Rating					
			Lumens	LPW	Lumens	LPW	Lumens	LPW	Type II			Type III		
									2700K	3000K	4000K	2700K	3000K	4000K
SMX-18WiE	260mA	18	2273	132	2592	140	2711	146	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
SMX-26WiE	380mA	27	3470	129	3671	136	3841	142	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
SMX-35WiE	450mA	37	4606	127	5004	134	5305	142	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
SMX-55WiE	710mA	55	6637	121	7111	131	7578	141	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
SMX-72WiE	570mA	70	8714	124	9484	133	10089	142	B2-U0-G2	B2-U0-G2	B2-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2
SMX-82WiE	560mA	80	10311	127	10830	136	11175	141	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
SMX-110WiE	750mA	110	13642	123	14303	131	15267	141	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
SMX-115WiE	520mA	115	14876	129	15447	135	16498	144	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
SMX-150WiE	680mA	151	18619	124	19946	132	21224	142	B3-U0-G2	B3-U0-G3	B3-U0-G3	B2-U0-G2	B3-U0-G3	B3-U0-G2
SMX-190WiE	870mA	189	22482	120	24660	130	26510	140	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
SMX-200WiE	680mA	202	25116	123	26714	132	29083	145	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
SMX-260WiE	890mA	256	31291	121	33184	131	34933	137	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3

### ORDERING INFORMATION

EXAMPLE: SMX-18WiE-NV-LV2-00-3070-T302-P-10-HSS

Model	System Wattage	Product Series	Voltage	LED Series	Control (Standard 7-pin receptacle)	CCT	CRI	Distribution	Mounting	Finish	Warranty	Accessories
SMX	18 (18W)	26 (27W)	NV 120-277VAC	LV2	00 Shorting Cap	22 2200K	70	T202 Type II Medium	P Arm Mount No bracket	Blank Gray	Blank 7-Year Limited Warranty	HSS House Side Shield
	35 (37W)	55 (55W)			HV 347-480VAC	PH Photo Electric		27 2700K	T302 Type III Medium	MAS Mast Arm Square Pole	DB Dark Bronze	10 10-Year Limited Warranty
	72 (70W)	82 (80W)	XV 120-480VAC <small>(*Only applies to 150W and above)</small>		MS* Motion Sensor (Under 40')	30 3000K		MAR Mast Arm Round Pole	BK Black	LSS Left Tresspass Shield		
	110 (110W)	115 (115W)			40 4000K	WH White						
	150 (151W)	190 (189W)			50 5000K	X Customize			RSS Right Tresspass Shield			
	200 (202W)	260 (256W)			WC Wireless Control	SAS Straight Arm Square Pole			CF Coastal Finish <small>(AAMA 2604)</small>		FA Field Adjustment	
					ASF Adjustable Slipfitter		UI Utility Label					

\*Integrated motion sensor is available for 72W-260W, 120-277V only. Programmer needs to order separately.