

PFX-3210

Amber LED Area Light for Turtle Safe



INTRODUCTION

- PFX-3210 is specifically designed for Turtle Safe compliance, emitting amber light with a wavelength of 590 nanometers. While meeting pedestrians' nighttime lighting requirements, it minimizes ecological disturbance to marine life.
- The whole family includes two different sizes. Slipfitter mount, square or round pole mount arm and Yoke mount are available.
- Photocell, motion sensor and external light control shield are also available. The fixture with Bluetooth control sensor supports LLLC from HSE Smart Inc(Product ID:N-WPYM0L), Homewell Inc (Product ID:N-TDEGAJ), and Litetrace (Product ID:N-BYH6ZO).
- The Amber Area Light is highly suitable for beachfront properties, boardwalks, commercial buildings, hotels, parking lots and patios.



PRODUCT SPECIFICATION

Construction:

- PFX-3210 features a rugged die-cast aluminum body that uses heatsink and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. The light housing is sealed against moisture and environmental contaminants. The 3G vibra on rated compact design minimizes wind load requirements. With a low EPA, it allows pole optimization.

Electrical:

- Universal voltage: 120-277 VAC, equipped with standard 10kV surge protector.
- Equipped with a 0-10V continuous dimmable driver; Min.Dim Level: 0%. The fixtures do not have dimming wires led out by default; an additional cost will be required for modification to include them.
- Power Factor : ≥ 0.95
- THD $\leq 20\%$
- 2ft(24") long power cord provided for easier installation.

Optics :

- Turtle and wildlife friendly 590nm amber light.
- Type III,IV,V distributions optional

Finish:

- Dark Bronze color is standard. Black and white colors are available.

Control:

- 3-pin twistlock receptacle and photocell are optional.
- The 3-pin screw-in base comes as standard, while the sensor is optional.

Ambient Temperature:

- $-40^{\circ}\text{F} (-40^{\circ}\text{C})$ to $113^{\circ}\text{F} (45^{\circ}\text{C})$

Warranty:

- 5-year limited warranty.

Disclaimer:

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ORDERING GUIDE

Example: PFX-3210-ALH120WSAMBUVT3SFDCKX

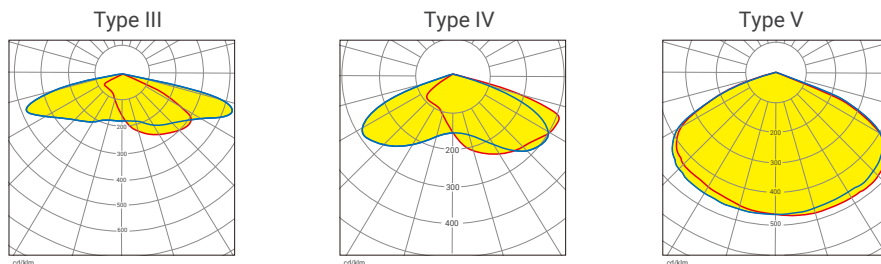
Brand	Wattage ¹	LED Color	Input Voltage	Dist.Type	Mount	Finish	Photocontrol	Sensor
X	XXX	YYY	AA	XX	YY	ZZ	K	X
PFX-3210	120WS 120/95/80/65W 240WS 240/220/200/170W Note: WS=Wattages Selectable	AMB Amber 590nm	UV 120-277V	T3 Type III T4 Type IV T5 Type V	SF Slipfitter Mount PA Square and Round Pole Mount Arm TR Trunnion Mount AA Adjustable Square and Round Pole Mount Arm WM Wall Mount	DC Dark Bronze color (Standard) Optional color BC Black color WC White color SC Silver color GC Green color OC Other color	Blank without Photocell P with Photocell	Blank without Motion Sensor S with Motion Sensor

Note: 1. 120WS=120W, 95W, 80W, 65W Selectable, 120W default setting. 240WS=240W, 220W, 200W, 170W Selectable, 240W default setting.

PERFORMANCE DATA

Model	Wattage	Lumen	LED Color	Input voltage
PFX-3210-120WSAMBUVXXYYZZKX	120/95/80/65W	Max.3,120lm	Amber 590nm	120-277Vac 50/60Hz
PFX-3210-240WSAMBUVXXYYZZKX	240/220/200/170W	Max.5,280lm		

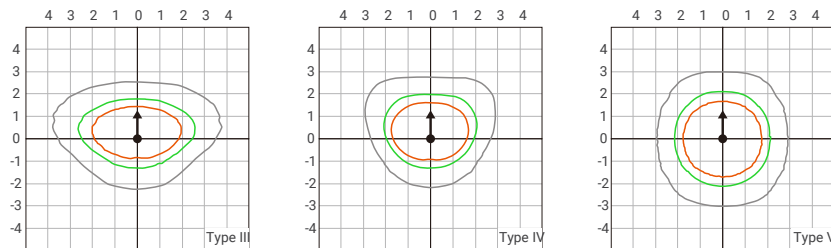
PHOTOMETRICS DIAGRAMS



Isofootcandle plots for the 150W-5000K. Distances are in units of mounting height(30')

LEGEND

- 0.1 fc
- 0.5 fc
- 1.0 fc



Disclaimer:

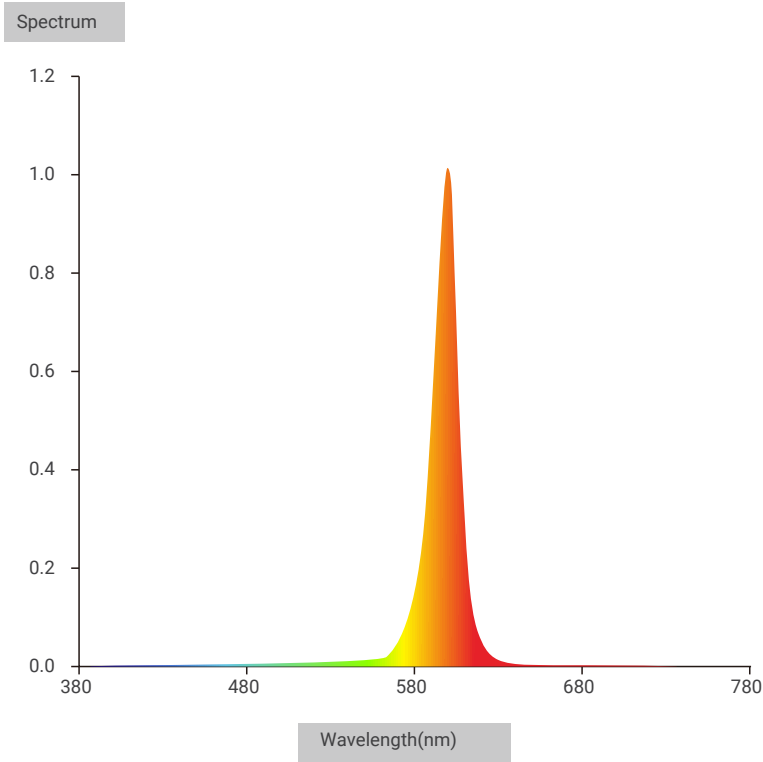
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SPECTRAL CHART



VERSATILE SELECTION CAPABILITY

Power Select Technology

Size	Power Selection	Default Setting
Size 1	Adjust power between 120/95/80/65W	120W
Size 2	Adjust power between 240/220/200/170W	240W

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EPA (Slipfitter Mount)

*Includes luminaire and Slipfitter Mount. Other tenons, arms, brackets or other accessories are not included in this EPA data

Mounting Type	Tilt	EPA(ft ²)								
		Single	2@90	2@180	3@90	3@120	4@90	2 Side by Side	3 Side by Side	4 Side by Side
PFX-3210-120WS	0°	0.23	0.41	0.42	0.60	0.54	0.80	0.46	0.69	0.91
	10°	0.18	0.35	0.35	0.53	0.46	0.69	0.35	0.53	0.71
	20°	0.17	0.34	0.34	0.51	0.44	0.67	0.34	0.52	0.69
	30°	0.21	0.37	0.39	0.54	0.48	0.74	0.42	0.64	0.85
	40°	0.27	0.40	0.45	0.58	0.55	0.80	0.54	0.81	1.08
	45°	0.30	0.42	0.50	0.60	0.58	0.83	0.61	0.91	1.21
	50°	0.45	0.61	0.72	0.87	0.85	1.21	0.89	1.34	1.79
	60°	0.73	0.99	1.19	1.41	1.39	1.96	1.47	2.20	2.94
	70°	0.95	1.38	1.57	1.96	1.90	2.74	1.90	2.86	3.81
	80°	1.13	1.71	1.89	2.45	2.36	3.40	2.26	3.40	4.53
PFX-3210-240WS	90°	1.28	1.99	2.18	2.86	2.77	3.96	2.57	3.85	5.14
	0°	0.35	0.62	0.64	0.91	0.82	1.21	0.69	1.04	1.39
	10°	0.27	0.54	0.53	0.80	0.69	1.06	0.54	0.81	1.08
	20°	0.26	0.52	0.52	0.77	0.67	1.02	0.52	0.79	1.05
	30°	0.32	0.56	0.60	0.83	0.74	1.12	0.64	0.97	1.29
	40°	0.41	0.61	0.68	0.88	0.84	1.21	0.82	1.23	1.64
	45°	0.46	0.63	0.76	0.92	0.89	1.26	0.92	1.38	1.85
	50°	0.68	0.93	1.10	1.32	1.30	1.84	1.36	2.04	2.72
	60°	1.12	1.51	1.81	2.15	2.12	2.99	2.24	3.35	4.47
	70°	1.45	2.09	2.38	2.99	2.90	4.16	2.90	4.35	5.79
	80°	1.72	2.60	2.88	3.72	3.60	5.18	3.44	5.17	6.89
	90°	1.95	3.02	3.32	4.35	4.22	6.03	3.91	5.86	7.82

ACCESSORIES

Control Options

Call to confirm availability

	PFX- 3210-SCKit01 Shorting Cap Kit (with receptacle)		PFX- 3210-PCKit-UNV27V Black Twist-lock Photocell Kit (with receptacle) for XALH, at 120-277VAC
	HD09VR-PH Sensor Type: PIR Sensor Max.Moun ng Height: 39.4.		HSE-BSP9H-1 Sensor Type: PIR Sensor Max.Moun ng Height: 39.4. Control: Wireless Networking(including Bluetooth)

Field-Installable / Field-Use ONLY (purchased separately)



HD06R
Remote Control

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ACCESSORIES

Adapter

Field-Installable (field-installable purchased separately)



PFX- 3210-3PTZ10ZGA-WA
Zhaga Adapter
for 3-pin Reverse to Z10 Zhaga

Glare Control Shield

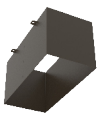
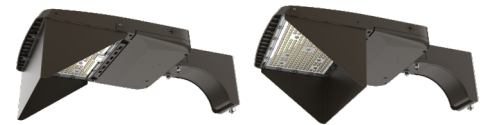
Field-Installable/ Field-Use ONLY (purchased separately)



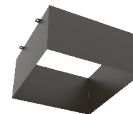
PFX-3210-150W-HGS-D-B
External Half Glare shield for PFX- 3210-ALH120WS



PFX-3210-310W-HGS-D-B
External Half Glare shield for XALH240WS



PFX-3210-150W-FGS-D-B
External 360° Full Visor for PFX- 3210-ALH120WS



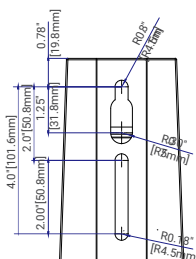
PFX-3210-310W-FGS-D-B
External 360° Full Visor for PFX- 3210-ALH240WS



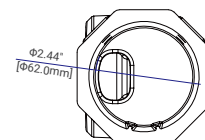
MOUNTING INFORMATION

Mounts and Brackets

May come with separate box with fixture.



PFX-3210-SQMD02 Square & Round Pole Mount for XALH, Dark Bronze, Ver2 (Black, White, Grey and other customized color are available.)



PFX-3210-SPMD01 Slipfitter Mount for XALH, Dark Bronze (Black, White, Grey and other customized color are available.)

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	PFX-3210-WMD01 Wallmount for XALH, Dark Bronze (Black, White, Grey and other customized color are available.)		PFX-3210-TRMD01 Trunnion Mount for XALH, Dark Bronze (Black, White, Grey and other customized color are available.)
	PFX-3210-UVMD01 Universal Bracket Mount for XALH, Dark Bronze (Black, White, Grey and other customized color are available.)		PFX-3210-AAMD02 Adjustable Square & Round Pole Mount for XALH, Dark Bronze, Ver2 (Black, White, Grey and other customized color are available.)

ELECTRICAL DATA

Model Series	Wattage(W)	Current (A)			
		Input Voltage (V)			
		120	277	277	277
PFX-3210-120WS	120	1.11	0.64	0.56	0.48
	95	0.88	0.51	0.44	0.38
	80	0.74	0.43	0.37	0.32
	65	0.60	0.35	0.30	0.26
PFX-3210-240WS	240	2.22	1.28	1.11	0.96
	220	2.04	1.18	1.02	0.88
	200	1.85	1.07	0.93	0.80
	170	1.57	0.91	0.79	0.68

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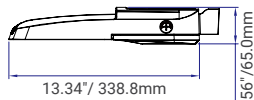
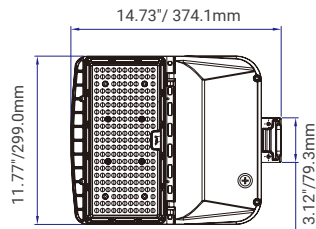
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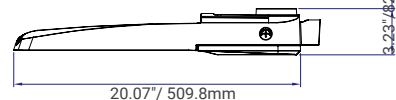
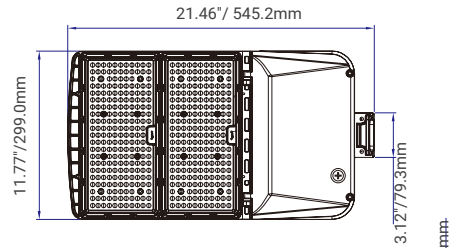
DIMENSIONS

PFX-3210-120WS Without Mounting Bracket



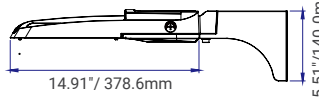
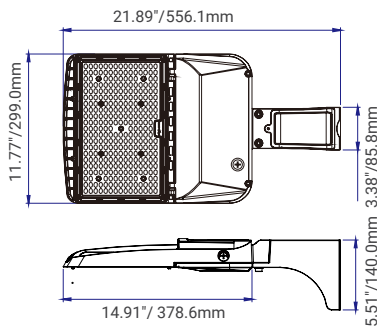
Net Weight: 7.2Lbs/3.25kgs

PFX-3210-240WS

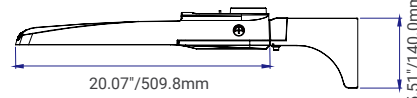
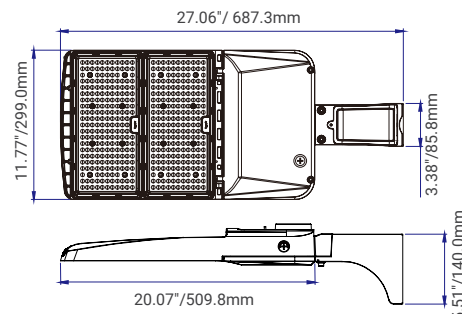


Net Weight: 11.3Lbs/5.12kgs

Square & Round Pole Mount

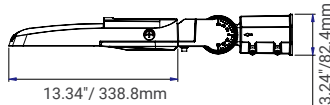
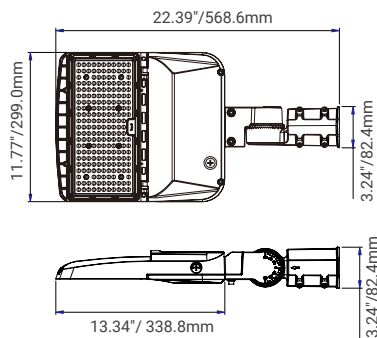


Net Weight: 9.2Lbs/4.19kgs

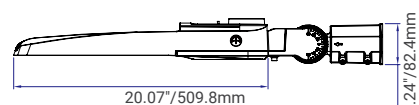
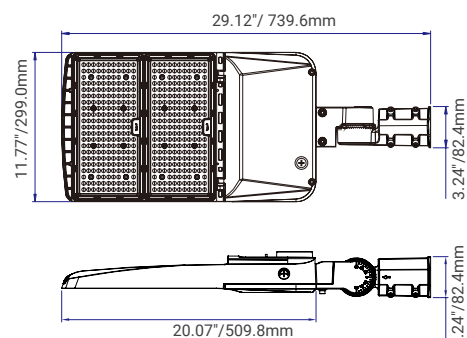


Net Weight: 13.3Lbs/6.06kgs

Slip Fitter Mount



Net Weight: 9.6Lbs/4.35kgs



Net Weight: 13.7Lbs/6.22kgs

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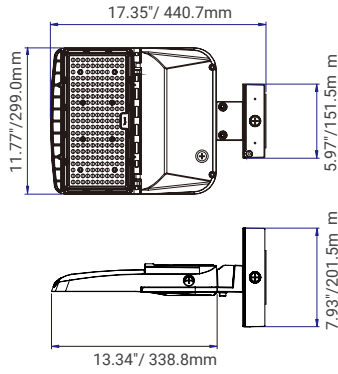
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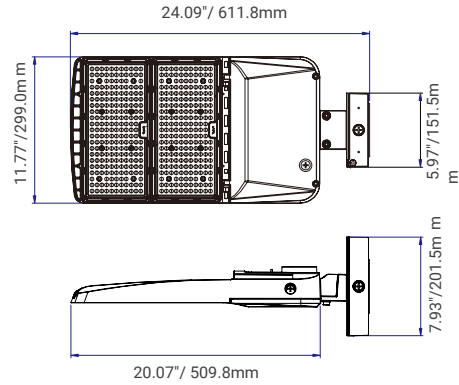


DIMENSIONS

Wall Mount

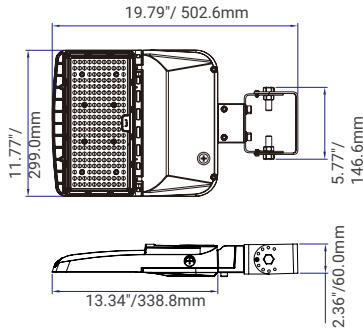


Net Weight: 9.0Lbs/4.40kgs

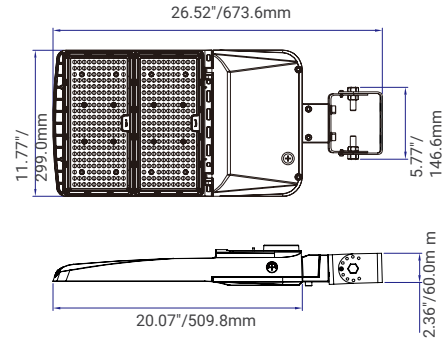


Net Weight: 13.8Lbs/6.27kgs

Trunnion Mount

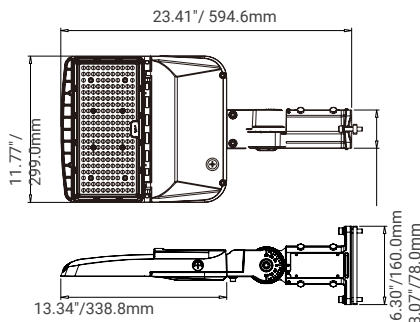


Net Weight: 10.0Lbs/4.55kgs

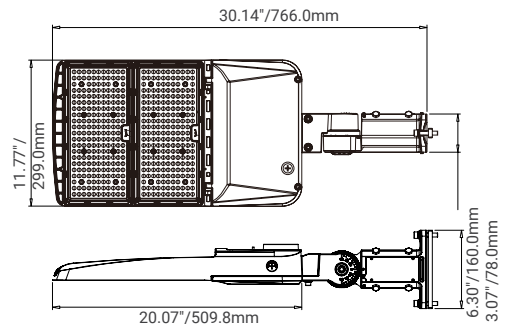


Net Weight: 14.2Lbs/6.42kgs

Universal bracket



Net Weight: 10.6Lbs/4.80kgs



Net Weight: 14.7Lbs/6.67kgs

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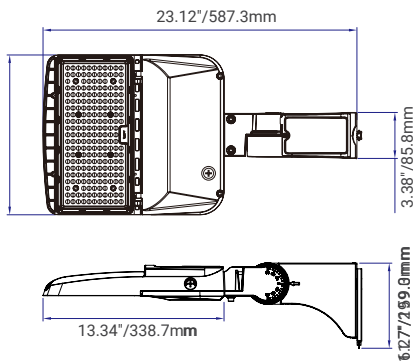
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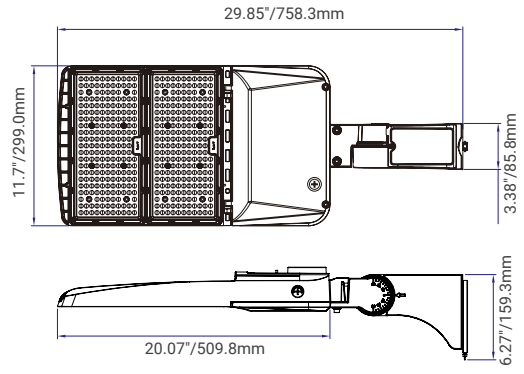


DIMENSIONS

Adjustable Square & Round Pole Mount



Net Weight: 10.5Lbs/4.74kgs



Net Weight: 14.5Lbs/6.59kgs

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