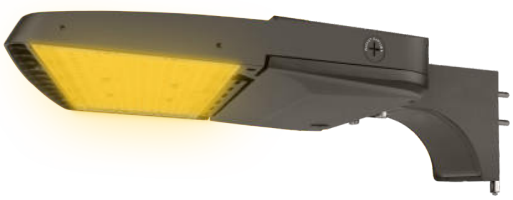
ALH AREA LIGHT

Amber LED Area Light
for Turtle Safe

Introduction

- The Amber Area Light 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.



120WS



240WS



Product Specifications

Construction

- The Amber Area Light 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 vibration 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≤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 is standard. Black and white colors are available.

Control:

- 3-pin twistlock receptacle and photocell are optional.
- The 3-pin screw-in base comes asstandard, while the sensoris optional.

Ambient Temperature:

- -40° F (-40° C) to 113° F (45° C)

Warranty :

- 5-years limited warranty.

Ordering Guide

EXAMPLE: ALH120WSAMBUVT3SFDCKX

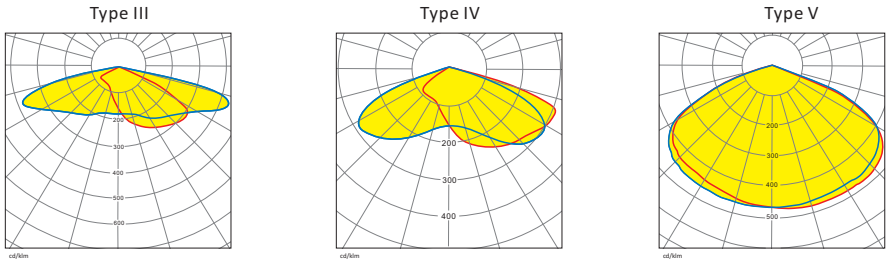
Product name ALH	Wattage [1] XXX	LED Color YYY	Input Voltage AA	Dist.Type XX	Mount YY	Finish [2] ZZ	Photocontrol K	Sensor X
ALH	120WS=120/95/80/65W 240WS=240/220/200/170W Note: WS=Wattages Selectable	AMB=Amber 590nm	UV=120-277V	T3=Type III T4=Type IV T5=Type V	SF=Slipfitter Mount PA=Square and Round Pole Mount Arm TR=Trunnion Mount AA=Adjustable Square and Round Pole Mount Arm WM=Wall Mount UB=Universal bracket	DC=Dark Bronze color BC=Black color WC=White color SC=Silvery 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.
2.Finishes in grey text are custom colors. For orders, please contact us in advance.

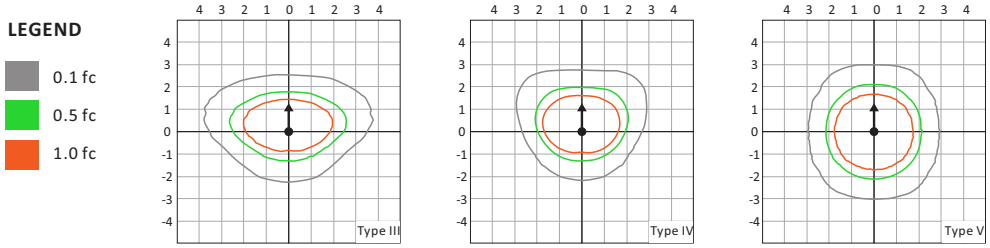
Performance Data

Model	Wattage	Lumen	LED Color	Input voltage
ALH120WSAMBUVXXYYZZKX	120/95/80/65W	Max.3,120lm	Amber 590nm	120-277VAC 50/60Hz
ALH240WSAMBUVXXYYZZKX	240/220/200/170W	Max.5,280lm		

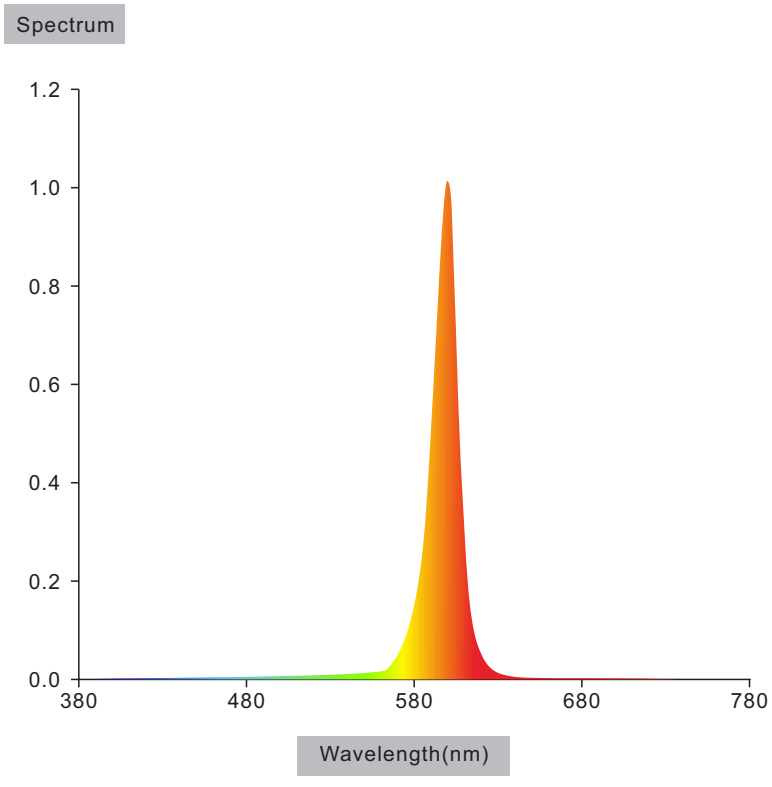
Photometric Diagrams



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



Spectral Chart



For ordering information, please contact sales@lightbulbsurplus.com

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(ft²)								
		Single	2@90	2@180	3@90	3@120	4@90	2 Side by Side	3 Side by Side	4 Side by Side
										
ALH120WS	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
	90°	1.28	1.99	2.18	2.86	2.77	3.96	2.57	3.85	5.14
ALH240WS	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

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

Accessories

Control Options

Call to confirm availability

	XSCKit01 Shorting Cap Kit (with receptacle)		XPCKit-UNV27V Black Twist-lock Photocell Kit (with receptacle) for ALH, at 120-277VAC

For ordering information, please contact sales@lightbulbsurplus.com

	HDO9VR-PH Sensor Type: PIR Sensor Max.Mounting Height: 39.4ft		HSE-BSP9H-1 Sensor Type: PIR Sensor Max.Mounting Height: 39.4ft Control: Wireless Networking(including Bluetooth)

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

	HD06R Remote Control

Adapter

Field-Installable (field-installable purchased separately)

	X3PTZ10ZGA-WA Zhaga Adapter for 3-pin Reverse to Z10 Zhaga

Glare Control Shield



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

	XALH150W-HGS-D-B External Half Glare shield for ALH120WS		XALH310W-HGS-D-B External Half Glare shield for ALH240WS

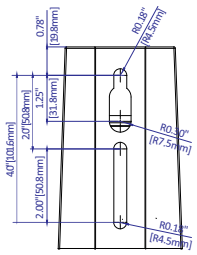
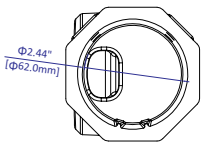


	XALH150W-FGS-D-B External 360° Full Visor for ALH120WS		XALH310W-FGS-D-B External 360° Full Visor for ALH240WS

Mounting Information

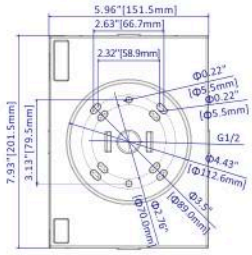
Mounts and Brackets

May come with separate box with fixture.

 	ALHSQMD02 Square & Round Pole Mount for ALH, Dark Bronze, Ver2 (Black, White, Grey and other customized color are available.)	 	ALHSPMD01 Slipfitter Mount for ALH, Dark Bronze (Black, White, Grey and other customized color are available.)

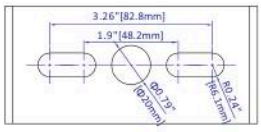
For ordering information, please contact sales@lightbulbsurplus.com





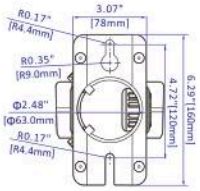
ALHWMD01
Wallmount for ALH, Dark Bronze (Black, White, Grey and other customized color are available.)





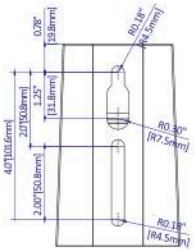
ALHTRMD01
Trunnion Mount for ALH, Dark Bronze (Black, White, Grey and other customized color are available.)





ALHUVMD01
Universal Bracket Mount for ALH, Dark Bronze (Black, White, Grey and other customized color are available.)





ALHAAMD02
Adjustable Square & Round Pole Mount for ALH, Dark Bronze, Ver2 (Black, White, Grey and other customized color are available.)

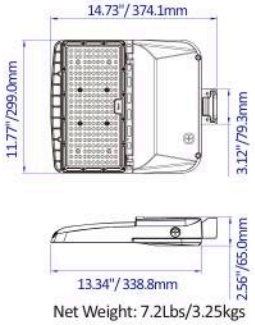
Electrical Data

Model Series	Wattage(W)	Current (A)			
		Input Voltage (V)			
		120	208	240	277
ALH120WS	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
ALH240WS	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

Dimensions& Weight

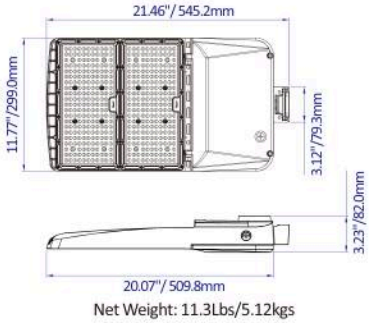
XALH120WS

Without Mounting Bracket



Net Weight: 7.2Lbs/3.25kgs

XALH240WS



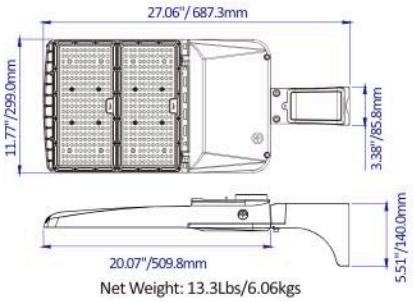
Net Weight: 11.3Lbs/5.12kgs

For ordering information, please contact sales@lightbulbsurplus.com

Square & Round Pole Mount

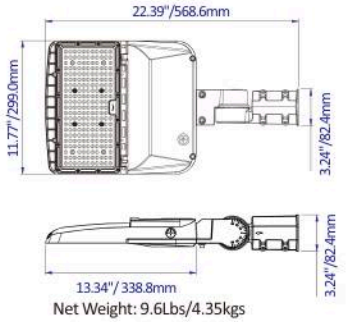


Net Weight: 9.2Lbs/4.19kgs

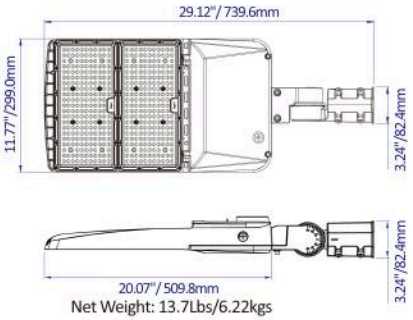


Net Weight: 13.3Lbs/6.06kgs

Slip Fitter Mount

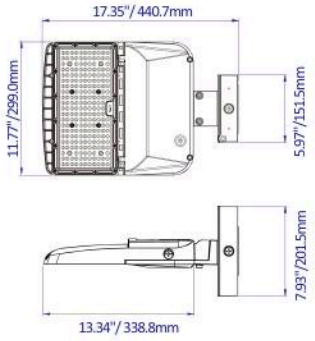


Net Weight: 9.6Lbs/4.35kgs

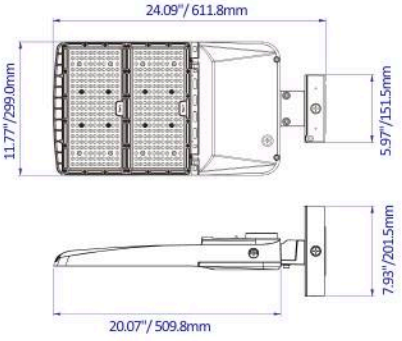


Net Weight: 13.7Lbs/6.22kgs

Wall Mount

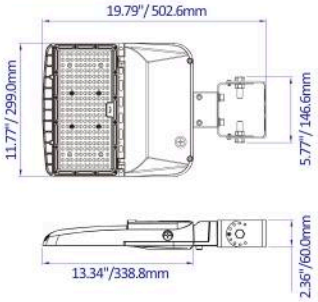


Net Weight: 9.0Lbs/4.40kgs

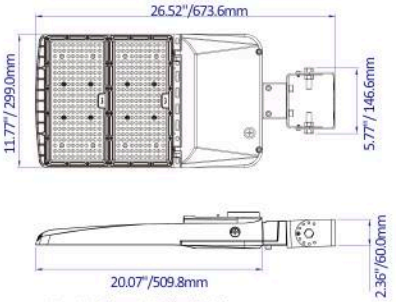


Net Weight: 13.8Lbs/6.27kgs

Trunnion Mount



Net Weight: 10.0Lbs/4.55kgs

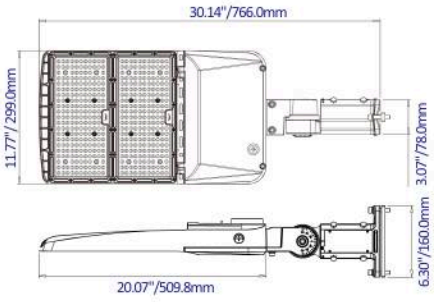


Net Weight: 14.2Lbs/6.42kgs

Universal bracket



Net Weight: 10.6Lbs/4.80kgs



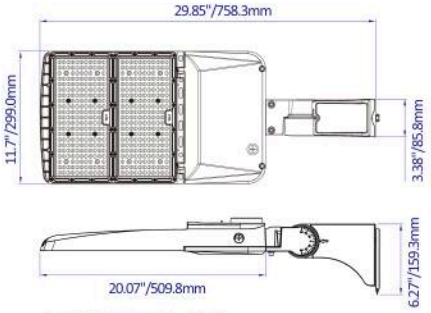
Net Weight: 14.7Lbs/6.67kgs

For ordering information, please contact sales@lightbulbsurplus.com

Adjustable Square & Round Pole Mount



Net Weight: 10.5Lbs/4.74kgs



Net Weight: 14.5Lbs/6.59kgs

Shipping Information

Model	Carton Size (in)	G.W. (lbs)	Per carton (pcs)	20GP (pcs)	40HQ (pcs)
ALH120WS	15.59 x 13.07 x 5.24	8.42	1	1,260	3,466
ALH240WS	22.32 x 13.07 x 5.71	11.73	1	825	2,270
ALHSQMD02 (Square & Round Pole Mount)	23.6 x8.7x 7.7	17.59	8	7,272	20,000
ALHSPMD01 (Slipfitter Mount)	14.8 x 9.8 x 7.9	20.35	8	10,105	27,789
ALHWMD01 (Wallmount)	17.3 x 13.2 x 8.9	21.75	8	5,580	15,345
ALHTRMD01 (Trunnion Mount)	12.8 x 11.6 x 7.5	24.21	8	10,207	28,070
ALHUVMD01 (Universal Bracket Mount)	14.4 x 14.0 x 9.3	28.68	8	6,006	16,516
ALHAAMD02 (Adjustable Square & Round Pole Mount)	20.5 x 15.6 x 6.7	28.70	8	5,429	14,932

Note: The packaging data can sometimes be outdated or incomplete. For the most reliable information, please reach out to us directly.