

# SITELUME

Area Cutoff and Flood Luminaire



Shown with "AM" Standard Arm



Shown with "WM" Bracket

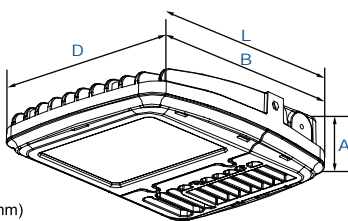


Shown with "SF" Slipfitter Knuckle

## Dimensions

Width (D)	9½" (240mm)
Length (B)	11¾" (299mm)
Height (A)	3¾" (92mm)

Length with Mount (L)	Kitty Hawk Arm (KA): 16" (406mm)
	Slipfitter (SF): 15½" (394mm)
	Mounting Arm Adaptor (MA): 16" (406mm)
	Yoke (Y): 14¾" (375mm)
	Bracket (BR): 15½" (394mm)
	Easy-Hang Wall Bracket (KHEH): 12¾" (324mm)
	Knuckle (K): 17¾" (450mm)



## Certification & Listings:



BAA compliant



U.L. Listed for Wet Location

PROJECT NAME:

FIXTURE TYPE:

The SITELUME is a Versatile Site Lighting & Flood Lighting Luminaire with Multiple Mounting Options.

## SPECIFICATIONS

### Housing:

Die Cast Aluminum Housing and Front Frame. Integral Heat Sinking and Driver Compartment. Nickel Pated Stainless Steel Hardware.

### Listings & Ratings:

ETL Listed for Wet Location. ANSI/UL 1598, 8750.

IP66 Sealed LED Compartment.

### Finish:

Bronze Powdercoat Over a Chromate Conversion Coating. Consult Factory for Custom Colors.

### Lens:

Tempered Flat Glass Lens, Clear or Diffused.

### Mounting Options:

Standard Arm, Adjustable Knuckle, Slipfitter Knuckle, Mast Arm, Adjustable Yoke, Wall Mount, & Swivel Bracket.

### LED's:

High Power, Long-Life LED's are available in 3000K, 4000K, and 5000K. LED's have a 80CRI Minimum.

### Driver:

Electronic Driver Available in 120-277V (U) or 347-240V (H) 50/60Hz. Drivers are less than 20% THD and PF>>0.90. Integral 6kV Surge Protection for 41W and 62W, 2kV for 25 Watt. 0-10V Dimming is standard with a range of 100%-10%. Dimming Control Current is 150Microamps.

### Controls:

Factory Installed Controls are Wired For 0-10V and/or Switching. Consult Factory for Remote Dimming Wiring. Consult Factory for Interfacing with Non-Factory Control Systems.

### Battery Backup:

Battery Backup Option Includes Accessory Housing. Ships Wired and Connected to Fixture.

### Warranty:

5 Year Warranty in -40°C to +50°C Environments.

**Order Information Example:**

STLM-TYPE-III-41W-U-30K-FG-Z-AM-DF

Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
STLM	Type-III Type-V NF*  *25W 50K & 41W 50K Only	25W 41W 62W	U 120 - 277V H 347- 480V*  *41W Only	30K 3000K* 40K 4000K** 50K 5000K  *41W Type-V or 25W Type-III & Type-V Only.  **Type-III & Type-V Only.	FG Clear Flat Glass DG Diffuse Flat Glass*  *Available in Type-V Only	Z Bronze C Custom*  *Consult Factory	AM Standard Arm SF Slip Fitter Knuckle MA Mast Arm Adapter Y Adjustable Yoke BR Swivel Bracket WM Wall Mount Bracket K Knuckle w/ 1/2" IPS NM No Mount	SF Single Fuse* DF Double Fuse* SP 10kV Surge Protector M1 IR Motion Sensor, 20-35ft MH M2 IR Motion Sensor, 18ft MH or Less PC3 Photocell, 120-277VAC P12 Pencil Photocell, 277VAC P14 Pencil Photocell, 120-277VAC BU4 Battery Backup, 90 Minutes** BUC4 Battery Backup, Cold Start -20°C, 90 Minutes**  *120-277V Only **Wall Mount EH120-277V Only

**Accessories & Replacement Parts:**

**Round Pole & Wall Adaptors  
for AM Standard Arm**


**KH20RPZ**  
Die-Cast Adaptor for 3" to  
5" Round Poles, Bronze  
Powdercoat Finish.



**KH20WMZ**  
Die-Cast Wall Mount  
Adaptor, Bronze  
Powdercoat Finish.

**Pole Tenon Spoke Brackets**


**PTSB1SZ**



**PTSB290SZ**



**PTSB2180SZ**



**PTSB390SZ\***



**PTSB3120SZ\***



**PTSB490SZ\***

2 3/8" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. Mounts to  
2 3/8" Vertical Pole Top Tenons. \*Non-stock item. Consult factory for lead time

**Accessories**

(Order Separately, Field Installed)

**ACCHSG1Z** Die Cast Accessory Housing for Installing  
Sensors or Other Lighting Controls, Bronze  
Powdercoat Finish

**KH15GSZ** Aluminum Glare/House Side Shield, Bronze  
Powdercoat Finish, Includes Hardware.

**KH15WG** Wire Guard, Stainless Steel Construction,  
Includes Hardware.

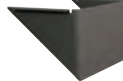
**ACCHSG4\*** Empty Die Cast Accessory Housing, Powder-  
coat Finish

**SSBS** Stainless Steel Bird Spikes

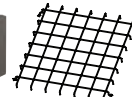
\*Specify Color: Z=Bronze, B=Black, C=Custom (Consult  
Factory)



**ACCHSG1Z**



**KH15GSZ**



**KH15WG**



**ACCHSG4**



Shown with Battery  
Backup Option. Only  
Available with "EH" Wall  
Mount Bracket.

## Mounting Options:



**AM - Standard Arm Mount**  
Die Cast Mounting Arm, Includes Hardware. Mounts Direct To Square Poles. Order Round Pole Adapter Option for 4" to 6" Round Poles.



**MA - Mast Arm Adapter**  
Fits over 2-3/8" OD Mast Arms, Hardware Included.



**Y - Adjustable Yoke**  
Heavy Duty Steel, Hardware Included.



**SF - Slip Fitter Knuckle**  
Die Cast Knuckle Fits Over 2-3/8" Tenons. Hardware Included.



**BR - Swivel Bracket**  
Adjustable Steel Bracket. Hardware Included.



**WM - Wall Mount Bracket**  
Easy Install Wall Bracket. Fits Over 4" Recessed Electrical Box. Hardware Included.



**WM + BU4 or BU4C - Battery Backup**  
Only Option With Battery Backup.






**K - Knuckle**  
Adjustable Die Cast Knuckle with 1/2" IPS Threads.



**NOTE: All Mounting Options are Powdercoated to Match Fixture and Include Hardware.**


## EPA (Effective Projected Area)

## Shown with AM Standard Arm Mounting

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	0.35	11 Lbs

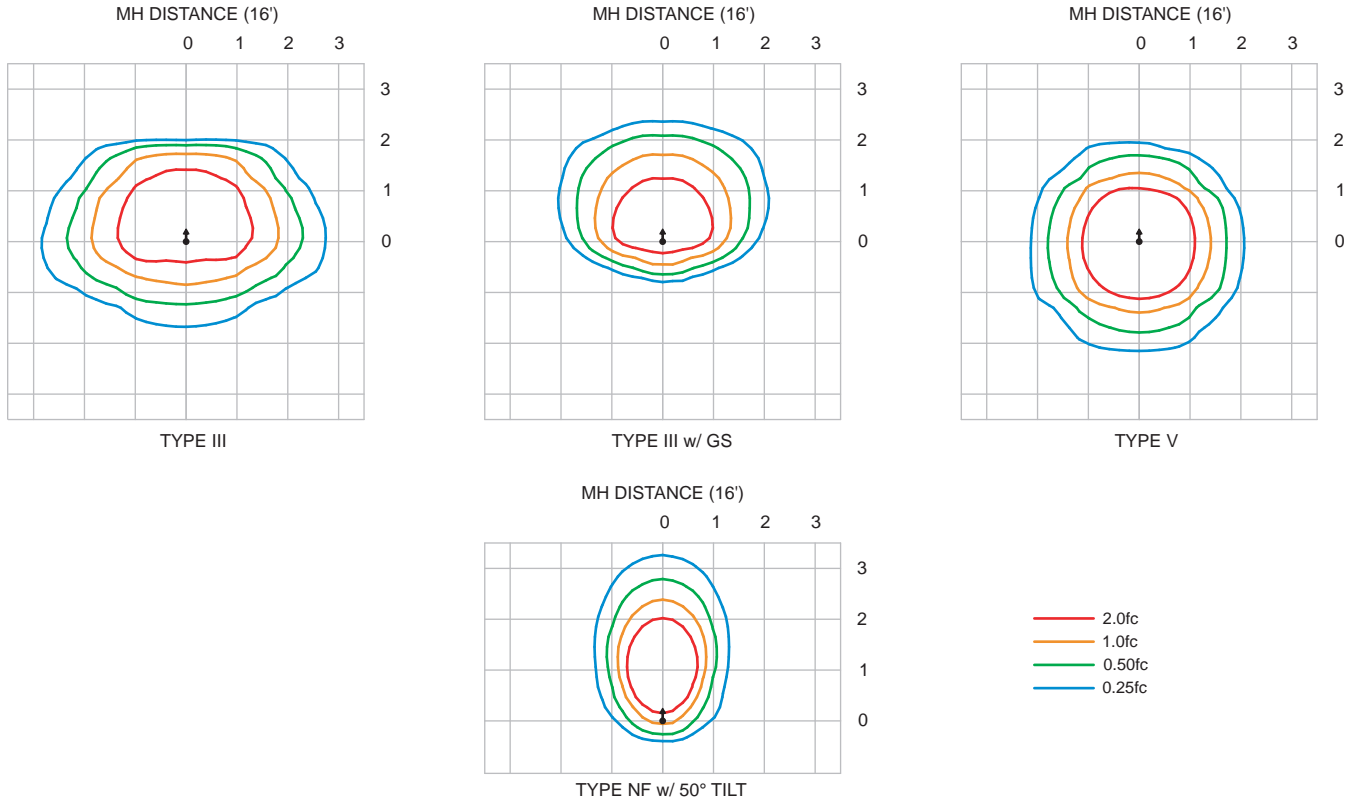
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 2@180° Mount	0.70	22 Lbs
 2@90° Mount	0.48	22 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 3@90° Mount	0.77	33 Lbs
 3@120° Mount	0.70	33 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 4@90° Mount	0.77	44 Lbs

## Photometric Data - IsoFootcandle Templates

### STLM-62W-40K - 16' Mounting Height



## Photometric Performance - Lumen Tables

Wattage	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
		Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
25W	Type III	2,875	116	1	0	1	2,767	112	1	0	1	2,659	107	1	0	1
	Type V	2,742	111	1	0	0	2,639	106	1	0	0	2,536	102	1	0	0
	Narrow Beam	2,682	112	1	0	0	-	-	-	-	-	-	-	-	-	-
41W	Type III	4,834	118	1	0	1	4,653	114	1	0	1	-	-	-	-	-
	Type V	4,611	113	2	0	0	4,439	109	2	0	0	4,266	104	2	0	0
	Narrow Beam	4,647	114	3	3	0	-	-	-	-	-	-	-	-	-	-
62W	Type III	7,469	121	2	0	2	7,189	117	2	0	2	-	-	-	-	-
	Type V	7,125	116	3	0	0	6,858	111	2	0	0	-	-	-	-	-

## Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 41w	1.00	0.98	0.95	0.91	320,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.95	0.89	0.79	141,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.96	0.93	0.85	134,000

NOTES:  
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.  
 2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.