

# MULTILUME

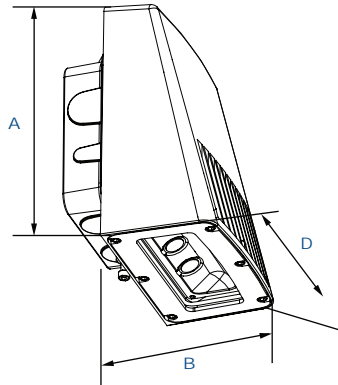
Compact Wall & Flood Luminaire



Shown with "KN"  
Knuckle Installed.

## Dimensions

Width (D)	6" (152mm)
Height (A)	7 1/4" (200mm)
Length (B)	5 1/2" (130mm)
Length (B) with Knuckle	9 1/4" (235mm)



## Certification & Listings:



BAA compliant



U.L. Listed for  
Wet Location

PROJECT NAME:

FIXTURE TYPE:

The Multilume is a Compact Wall and Accent Flood Luminaire. Available in 3 Wattages and 2 CCT's and Provides General Area and Accent Illumination.

## SPECIFICATIONS

### Housing:

Die Cast and Gasketed Aluminum Housing. Includes Cast-In Box Template and Built-In Level. Diffusing Reflector. Nickel-Plated 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:

Clear Tempered Flat Glass Lens.

### Mounting Options:

Mounts Direct Over Electrical Box or Use 1/2" Surface Conduit. Adjustable Knuckle With 1/2" IPS Thread Optional, Field Install.

### LED's:

High Power or COB, Long-Life LED's.

### Wattages:

22 Watts, High Power 3000K  
21 Watts, COB 4100K  
43 Watts, COB 4100K

### Driver:

Electronic Driver Available in 120-277V 50/60Hz. Drivers are less than 20% THD and PF >> 0.90. Integral 6kV Surge Protection. 0-10V Dimming is standard with a range of 100%-10%. Dimming Control Current is 150 Microamps.

### 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:

Option Includes Accessory Housing and Ships Separately.

### Warranty:

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

**Order Information Example:** MTLM-120-277V-21W-4100K-Z-KN-P14

Model - Voltage	Wattage - CCT	Color	Mounting	Options
MTLM-120-277V	22W - 3000K (HP) 21W - 4100K (COB) 42W - 4100K (COB)	Z Bronze C Custom*  *Consult Factory	WM Surface KN Knuckle *  *Optional, Field Installed	SF Single Fuse* DF Double Fuse* SP 10kV Surge Protector P14 Pencil Photocell, 120-277VAC BU4 Battery Backup, 90 Minutes* BUC4 Battery Backup, Cold Start -20°C, 90 Minutes*  *WM Only, Not Available For KN

**Accessories & Replacement Parts:**
**Mounting Accessories**  
 (Order Separately, Field Installed)

FLPTFZ	Die-cast Post Top Fitter for 2 1/4" to 3 1/2" Poles, Bronze Powdercoat Finish, Three (3) 1/2" Coin Plugs.
FLSTK	Heavy Duty Ground Stake, Built-in Wiring Compartment with 1/2" NPS Threaded Fitting, Black Plastic. For Line-Voltage Applications.



FLPTFZ



FLSTK

**Accessories**  
 (Order Separately, Field Installed)

P18112	208-277V, 240VAC Pencil Photocell
ACCHSG4*	Empty Die Cast Accessory Housing, Powdercoat Finish

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




P18112



ACCHSG4

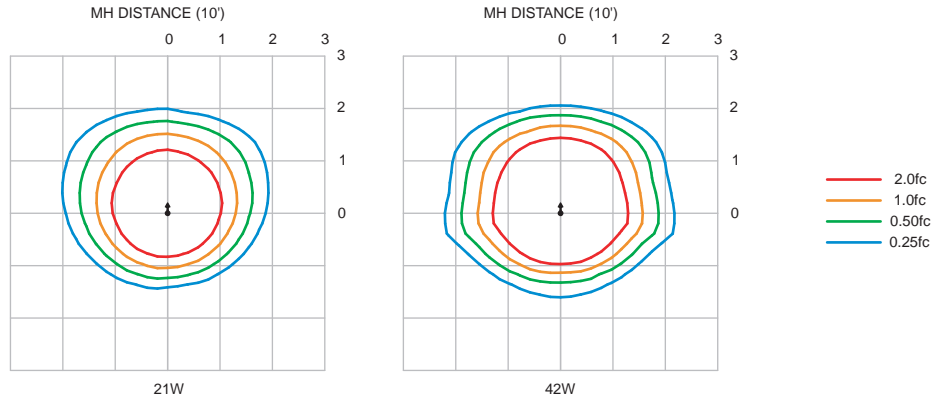

 Shown with Battery  
 Backup Option.  
 Only Available for  
 Wall Mount

**EPA & Weight**

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	.31	5 Lbs

Photometric Data

MTLM-21W/ 42W-4100K - 10' Height



Photometric Performance

Wattage	Optics	4100 CCT 80 CRI				3000 CCT 80 CRI			
		Lumens	B	U	G	Lumens	B	U	G
22	Type II	-	-	-	-	2,178	1	0	0
21	Type II	2,300	1	1	0	-	-	-	-
43	Type II	4,025	2	1	1	-	-	-	-

Projected Lumen Maintenance

Data shown for 4100 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 43w	1.00	0.90	0.80	0.61	76,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.86	0.72	0.44	54,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.88	0.76	0.52	42,000

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.