

# UPK1 Series

Wattage & CCT Adjustable Area Light

<b>Fixture Type:</b>
<b>Project Name</b>
<b>Location:</b>
<b>Date:</b>

## Features

- Long lasting, energy-efficient solution for the one-for-one replacement of existing metal halide lighting.
- Low profile design, 3G vibration rated compact design minimizes wind load requirements.
- Easy field wattage and color temperature adjustable.
- Delivers from 6,0000 lm and is ideal for replace up to 1500 W MH.
- Single piece rugged die cast aluminum housing has integral heat sink fins to optimize thermal management thorough conductive and convective cooling.
- Multiple mounting options: round pole/square pole, slipfitter, wall mount, trunnion mount and adjustable arm mount are available.
- Optional accessories photocell and motion sensor/Bluetooth motion sensor are available.
- Optional glare shield for reduced pixilation and increased visual comfort.



400W



## Specification

<b>Housing</b>	Rugged die-cast aluminum housing	<b>Efficacy</b>	Up to 150 lm/W
<b>Lens</b>	Precision acrylic lens	<b>LED Life Span</b>	100,000 Hrs
<b>Distribution Type</b>	Type II/III/IV/V	<b>Dimmable</b>	0-10V Dimmable
<b>Color Temp</b>	2CCT 4000K/5000K	<b>Lumen Package</b>	61,500lm
<b>CRI</b>	70	<b>Warranty</b>	10 Years
<b>Input Voltage</b>	120-277V or 347-480V	<b>Ambient Operation Temperature</b>	-40°C (-40°F) ~45°C (113°F)
<b>Installation</b>	Pole mount/wall mount, slipfitter mount/trunnion mount/ adjustable pole mount	<b>Listing</b>	UL Listed Wet Location DLC PREMIUM

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## Ordering Guide Example: UPK1- UW3CCT - 400W-3-BK-AM

SKU	Wattage	Color Temp.	Voltage	Wattage Options	Optical	Finish <sup>1</sup>	Mounting
UPK1	UW =Wattage selectable	2CCT = Color Temp adjustable 40/50K	Blank = 120-277V HV = 347-480V	400W =Max Wattage 400W	2 =Type II 3 = Type III 4 = Type IV 5 = Type V	Blank = Dark Bronze BK = Black WH =White	WM 03 = Wall Mount AM03 = Arm mount SP03 = Slipfitter TM03 = Trunnion Mount JAM03 = Adjustable Square Mount

Note: 1. Standard color finish is dark bronze. other color finish incur on additional cost, consult factory for the availability.

### Optional accessories:

Photocell	Motion Sensor	Glare Shield	Multi direction Arm Mount
PC (SKU:ALPC) =Twist lock photocell	MS01 (SKU:HD09VR-PIR)(Default) = 12/24V Plug and play passive infrared motion sensor.	GS-L (SKU: Glareshield-APK-L) = Glare shield for 400W	<sup>1</sup> UNVPK (SKU:UNVPK) = Multi direction arm mount adapter
HVPC (SKU:ALPC-HV) = Twist lock photocell for high voltage	MS02 (SKU:BL-ANT5-4T-MIC) = 12/24V Plug and play microwave motion sensor.	FGS-L (SKU: Glareshield-APK-L-FULL) =Full glare shield for 400W	
	BLMS01 (SKU:SILVAIR01) =Plug and play PIR motion sensor, work with SILVAIR APP..		

Note: 1. UNVPK is only suitable for wall mount and arm mount.

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### UPK1-400W-TYPE II

WATTAGE	Dist.Type	4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY
400W	II	60500 lm	151lm/W	60000 lm	150lm/W
360W	II	56000 lm	156lm/W	55000 lm	153lm/W
320W	II	51000 lm	159lm/W	50000 lm	156lm/W
300W	II	47000 lm	162lm/W	46000 lm	159lm/W

### UPK1-400W-TYPE III

WATTAGE	Dist.Type	4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY
400W	III	60500 lm	151lm/W	60000 lm	150lm/W
360W	III	56000 lm	156lm/W	55000 lm	153lm/W
320W	III	51000 lm	159lm/W	50000 lm	156lm/W
300W	III	47000 lm	162lm/W	46000 lm	159lm/W

### UPK1-400W-TYPE IV

WATTAGE	Dist.Type	4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY
400W	IV	60500 lm	151lm/W	60000 lm	150lm/W
360W	IV	56000 lm	156lm/W	55000 lm	153lm/W
320W	IV	51000 lm	159lm/W	50000 lm	156lm/W
300W	IV	47000 lm	162lm/W	46000 lm	159lm/W

### UPK1-400W-TYPE V

WATTAGE	Dist.Type	4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY
400W	V	61000 lm	153lm/W	60800 lm	152lm/W
360W	V	56500 lm	157lm/W	55500 lm	154lm/W
320W	V	51500 lm	161lm/W	50500 lm	159lm/W
300W	V	47500 lm	164lm/W	46500 lm	160lm/W

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


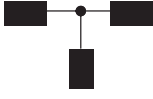
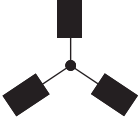
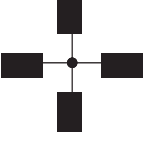
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## EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2 @180°	3 @90°	3 @120°	4 @90°
400W	0.4758	0.8091	1.059	0.9516	1.2849	1.3923	1.2849

## BUG

WATTAGE	DIST.TYPE	B	U	G
400W	II	5	0	4

WATTAGE	DIST.TYPE	B	U	G
400W	III	5	0	4

WATTAGE	DIST.TYPE	B	U	G
400W	IV	5	0	5

WATTAGE	DIST.TYPE	B	U	G
400W	V	5	0	4

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**Fixture Type:**

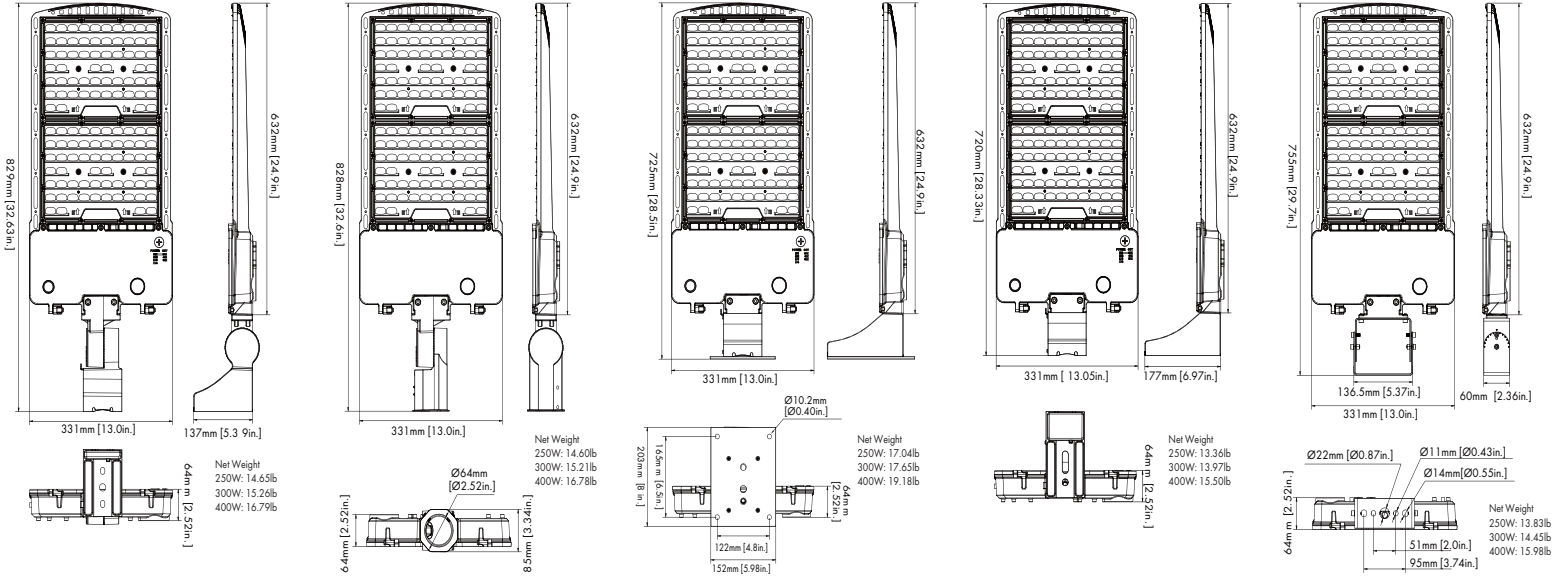
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**Project Name**

**Location:**

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## Dimensions



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### Optional Accessories



#### Standard Voltage 120-277V/347-480V Photocell

- SKU: ALPC / ALPC-HV
- Twist lock photocell



**SILVAIR**

#### Bluetooth mesh network PIR Plug and Play Motion Sensor

- SKU: SILVAIRO1
- PIR plug and play motion sensor
- Bluetooth control work with Silvair app on IOS and Android.



#### Infrared plug and play motion sensor 12/24V (Standard)

- SKU: HD09VR-PIR
- Remote Control available sold separately(HD06R)
- Passive Infrared plug and play motion sensor.
- Suitable for 120-277V and 347-480V fixtures.
- Default setting Detection Area - 100%, Holdtime - 5S, Daylight Threshold disable
- Standby Period - 0S, Standby Dimming Level - 10%



#### Microwave plug and play motion sensor 12/24V

- SKU: BL-ANT5-4T-PIR
- Microwave motion sensor
- Suitable for 120-277V and 347-480V fixtures.
- Remote Control available sold separately(RC-MS100)



#### Glare Shield

- SKU: Glareshield-APK-M/Glareshield-APK-L



#### Full Glare Shield

- SKU: Glareshield-APK-M-FULL/Glareshield-APK-L-FULL



#### Multi Direction Mount ( For wall mount & arm mount use only)

- SKU: UNVPK
- Adjustable universal mount allow custom the beam direction.

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## Mounting Options



**Arm Mount**  
(4" and 5" Square and Round poles)  
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



**Slipfitter Mount**  
An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8" O.D. Horizontal steel tenon arm.



**Wall Mount**  
Wall Mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J-box mounting



**Yoke Mount**  
Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.

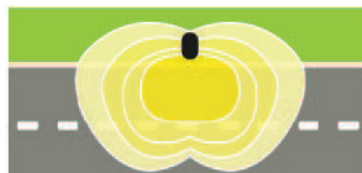


**Adjustable Arm Mount**  
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

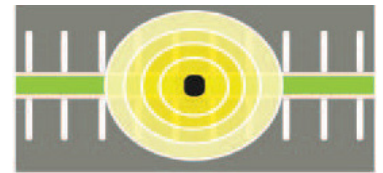
## Distribution Type



**Type3** - Optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back to back configuration, it creates a rectangular pattern which can extend pole spacing.



**Type4** - Suitable for applications where light is primarily required forward with minimal back light. Typical installations include perimeter poles



**Type5** - Optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire.