

UPK1 Series

Wattage & CCT Adjustable Area Light

Fixture Type:

Project Name

Location:

Date:

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 are available.
- Optional glare shield for reduced pixilation and increased visual comfort.



400W



Specification

Housing	Rugged die-cast aluminum housing	Efficacy	Up to 150 lm/W
Lens	Precision acrylic lens	LED Life Span	100,000 Hrs
Distribution Type	Type II/III/IV/V	Dimmable	0-10V Dimmable
Color Temp	2CCT 4000K/5000K	Lumen Package	60,000lm
CRI	70	Warranty	10 Years
Input Voltage	120-277V or 277-480V	Ambient Operation Temperature	-40C° (-40°F) ~45° (113°F)
Installation	Pole mount/wall mount, slipfitter mount/trunnion mount/ adjustable pole mount	Listing	UL Listed Wet Location



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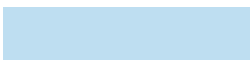
Ordering Guide Example: UPK1- UW3CCT - 400W-3-BK-AM

SKU	Wattage	Color Temp.	Voltage	Wattage Options	Optical	Finish ¹	Mounting
UPK1	UW =Wattage selectable	2CCT = Color Temp adjustable 40/50K	Blank = 120-277V HV = 277-480V	400W =Max Wattage 400W	2 =Type II 3 = Type III 4 = Type IV 5 = Type V	Blank = Dark Bronze BK = Black WH =White	WM = Wall Mount AM = Arm mount SP = Slipfitter TM = Trunnion Mount JAM = 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



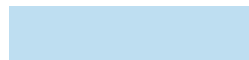
PC
(SKU:ALPC)
=Twist lock photocell

Motion Sensor



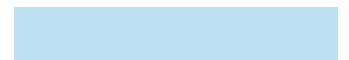
MS01
(SKU:BL-ANT6-4T-PIR)(Default)
= 12/24V Plug and play passive infrared motion sensor.

Glare Shield



GS-L
(SKU: Glareshield-APK-L)
= Glare shield for 400W

Multi direction Arm Mount



¹UNVPK
(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

MS03

(SKU:BL-PIR823-IN)

= 120-277V passive infrared motion sensor.

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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


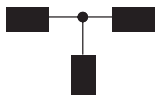
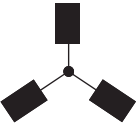
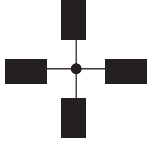
Fixture Type:

Project Name

Location:

Date:

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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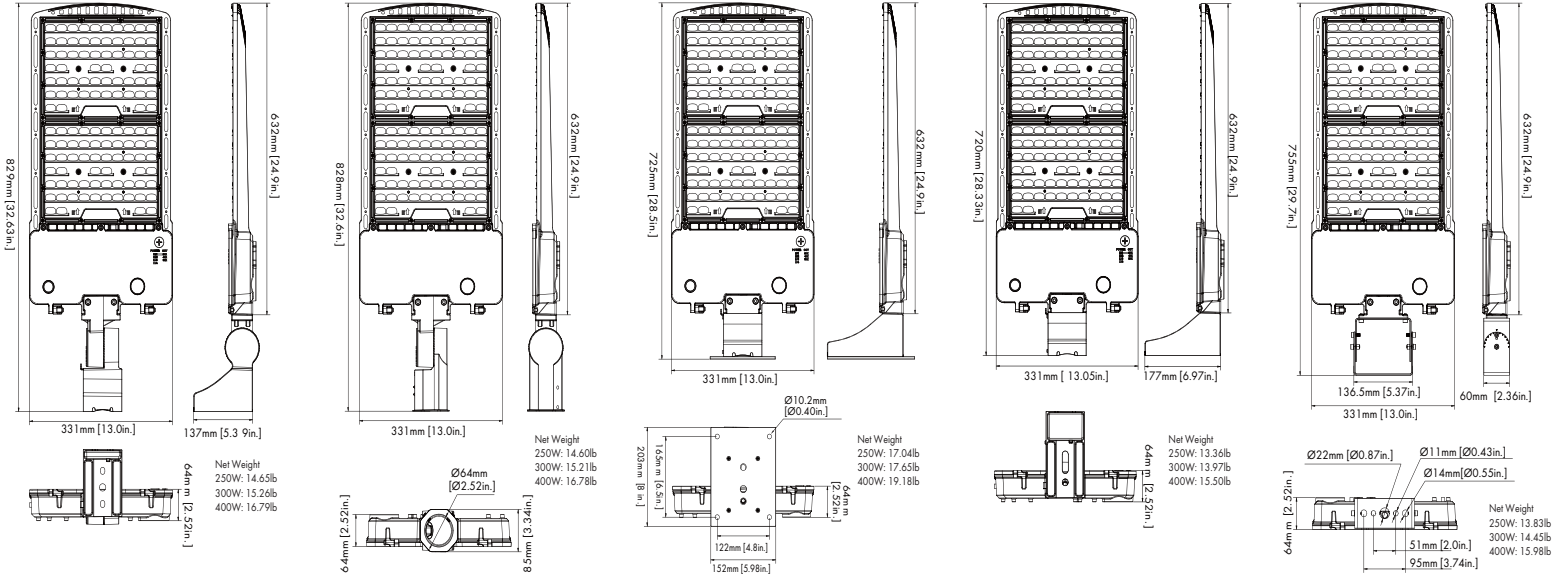
Fixture Type:

Project Name

Location:

Date:

Dimensions



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Optional Accessories



Standard Voltage 120-277V Photocell

- SKU: ALPC
- Twist lock photocell



High Voltage 277-480V Photocell

- SKU: ALPC-HV
- Twist lock photocell



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

- SKU: BL-ANT6-4T-PIR
- Passive Infrared plug and play motion sensor.
- Suitable for 120-277V and 277-480V fixtures.



Microwave plug and play motion sensor 12/24V

- SKU: BL-ANT5-4T-PIR
- Microwave motion sensor
- Suitable for 120-277V and 277-480V fixtures.



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

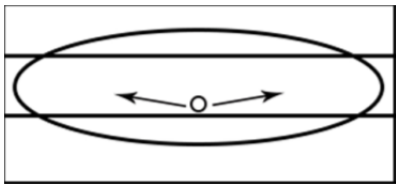


Yoke Mount
 Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.



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

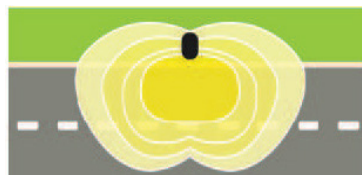
Distribution Type



Type 2 - Optics is typically used for narrow roadways, and any driving area where a narrow longitudinal throw is required.



Type 3 - 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.



Type 4 - Suitable for applications where light is primarily required forward with minimal back light. Typical installations include perimeter poles



Type 5 - Optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire.