

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 |

UPK1 Series

Wattage & CCT Adjustable Area Light

| |
|----------------------|
| Fixture Type: |
| Project Name |
| Location: |
| Date: |

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 | Motion Sensor | Glare Shield | Multi direction Arm Mount |
|--|---|---|--|
| PC (SKU:ALPC) =Twist lock photocell | MS01 (SKU:BL-ANT6-4T-PIR)(Default) = 12/24V Plug and play passive infrared motion sensor. | GS-L (SKU: Glareshield-APK-L) = Glare shield for 400W | ¹ 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 | |
| | MS03 (SKU:BL-PIR823-IN) = 120-277V passive infrared motion sensor. | | |

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

UPK1 Series

Wattage & CCT Adjustable Area Light

Fixture Type:

Project Name

Location:

Date:

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





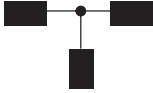
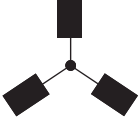

| WATTAGE | Dist.Type | 4000K | | 5000K | |
|---------|-----------|----------|----------|----------|----------|
| | | LUMEN | EFFICACY | LUMEN | EFFICACY |
| 400W | V | 61000 lm | 153lm/W | 60800 lm | 152lm/W |
| 360W | V | 56500 lm | 157lm/W | 55500 lm | 154lm/W |
| 320W | V | 51500 lm | 161lm/W | 50500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

UPK1 Series

Wattage & CCT Adjustable Area Light

| |
|----------------------|
| 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 |

UPK1 Series

Wattage & CCT Adjustable Area Light

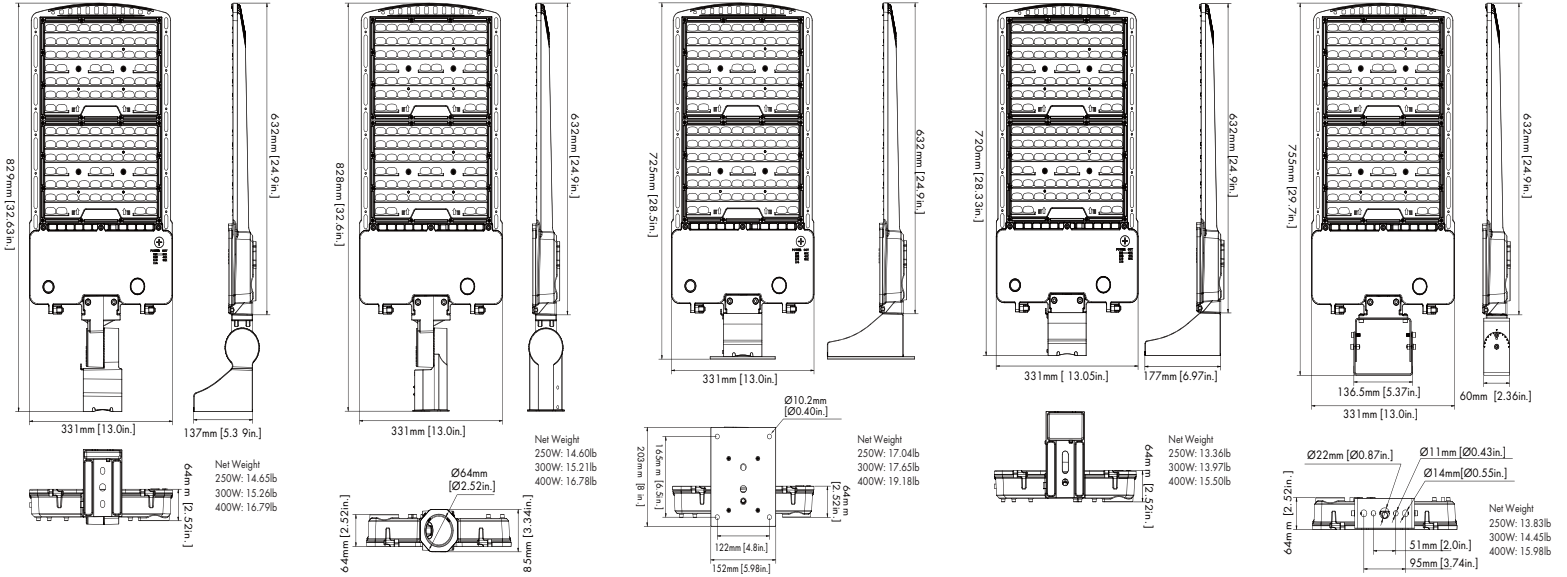
Fixture Type:

Project Name

Location:

Date:

Dimensions



UPK1 Series

Wattage & CCT Adjustable Area Light

Fixture Type:

Project Name

Location:

Date:

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.

UPK1 Series

Wattage & CCT Adjustable Area Light

Fixture Type:

Project Name

Location:

Date:

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

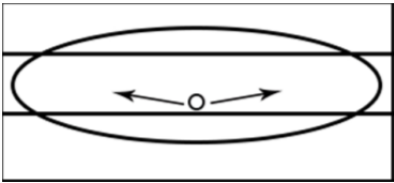


Yoke Mount
Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.

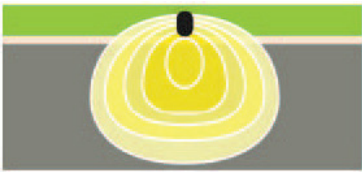


Adjustable Arm Mount
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

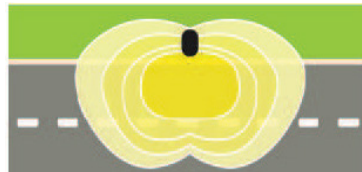
Distribution Type



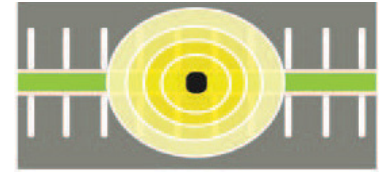
Type 2 - Optics is typically used for narrow roadways, and any driving area where a narrow longitudinal throw is required.



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.