

# UPK1 Series

Wattage & CCT Adjustable Area Light

**Fixture Type:**

**Project Name**

**Location:**

**Date:**

## Features

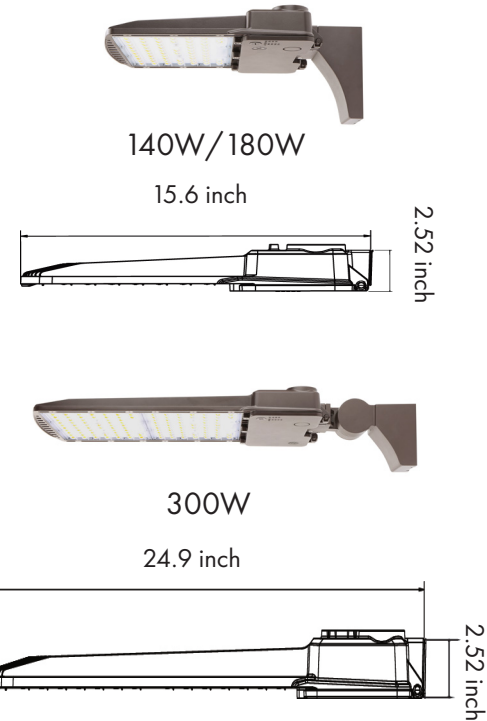
- Slim, low profile design minimized wind load requirements
- Wattage selectable 100%, 80%, 60%, 40%
- Adjustable color temperature 3000K/4000K/5000K
- Rugged die cast aluminum housing with weather-tight integral LED driver compartment
- Vibration rating of 3G or greater per ANSC136.31
- Estimated 100,000 hour LED lifespan based on IES LM-80 result and TM-21 calculations
- 3 Different optional distribution type III/IV/V
- Mounting option round pole/square pole, slipfitter, wall mount and yoke mount are available
- Optional accessories photocell and motion sensor
- 10 year warranty



## Product Performance Standard

<b>Size</b>	See dimension chart	<b>Efficacy</b>	Up to 167 lm/W
<b>Weight</b>	12 lb/ 18lb	<b>LED Life Span</b>	100,000 Hrs
<b>IP Rate</b>	IP65	<b>Dimmable</b>	0-10V Dimmable
<b>Color Temp</b>	3CCT 3000K/4000K/5000K	<b>THD</b>	≤20%
<b>CRI</b>	70	<b>Distribution Type</b>	Type III/IV/V
<b>Input Voltage</b>	120-277V or 347-480V	<b>Ambient Operation Temperature</b>	-40C° (-40°F) ~45° (113°F)

## Dimensions



## Ordering Guide Example: UPK1- UW3CCT - 300W

SKU	Wattage	Color Temp.	Voltage	Wattage Options	Optical	Finish <sup>1</sup>	Mounting	Optional Accessories
UPK1	UW	3CCT	Blank	140W	3	Blank	WM	Blank
	=Wattage selectable	= Color Temp adjustable	= 120-277V HV	=Max Wattage 140W	= Type III	= Dark Bronze	= Wall Mount	= No Accessories
		30/40/50K	= 347-480V	180W	4	BK <sup>1</sup>	AM	PC
				= Max Wattage 180W	= Type IV	= Black	= Arm mount	= Photocell (ALPC)
				300W	5	WH <sup>1</sup>	SP	HVPC
				=Max Wattage 300W	= Type V	= White	= Slipfitter	=Photocell(ALPC-HV)
							TM	MS
							= Trunnion Mount	= Motion Sensor
							JAM	(BL-ANT6-4T-PIR)
							= Adjustable	(BL-ANT5-4T-MIC)
							Square Mount	(BL-ANT6-4T-PIR-BT)

Note: 1. Other finish color, consult factory for the availability.



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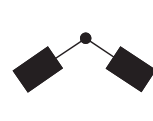
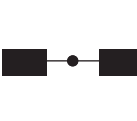
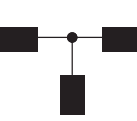
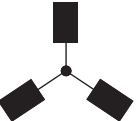

## Product Information

UPK1-140W	3000K		4000K		5000K	
WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
60W	9780 lm	163 lm/W	9840 lm	164 lm/W	10000 lm	166 lm/W
85W	13175 lm	155 lm/W	13260 lm	156 lm/W	13500 lm	158 lm/W
110W	16170 lm	147 lm/W	16280 lm	148 lm/W	16500 lm	150 lm/W
140W	19880 lm	142 lm/W	20160 lm	144 lm/W	20500 lm	146 lm/W

UPK1-180W	3000K		4000K		5000K	
WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
72W	19560 lm	163 lm/W	19680 lm	164 lm/W	20000 lm	166 lm/W
108W	27900 lm	155 lm/W	28080 lm	156 lm/W	28500 lm	158 lm/W
144W	35280 lm	147 lm/W	35520 lm	148 lm/W	36000 lm	150 lm/W
180W	41100 lm	137 lm/W	41400 lm	138 lm/W	42000 lm	140 lm/W

UPK1-300W	3000K		4000K		5000K	
WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
120W	19560 lm	163 lm/W	19680 lm	164 lm/W	20000 lm	166 lm/W
180W	27900 lm	155 lm/W	28080 lm	156 lm/W	28500 lm	158 lm/W
240W	35280 lm	147 lm/W	35520 lm	148 lm/W	36000 lm	150 lm/W
300W	41100 lm	137 lm/W	41400 lm	138 lm/W	42000 lm	140 lm/W

## EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
140W/180W	0.3632	0.6849	0.8861	0.7264	1.0481	1.2078	1.0481
300W	0.4758	0.8091	1.059	0.9516	1.2849	1.3923	1.2849

WATTAGE	DIST.TYPE	B	U	G
140W	3	3	0	3
180W	3	3	0	3
300W	3	4	0	4



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### Optional Accessories



#### Photocell

- SKU: ALPC/ALPC-HV
- External Photocell is field installed or pre-installed by request



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

- SKU: BL-ANT6-4T-PIR
- Infrared motion sensor allows for security and energy saving.
- Suitable for 120-277V and 347-480V fixtures.



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

- SKU: BL-ANT5-4T-PIR
- Microwave motion sensor
- Suitable for 120-277V and 347-480V fixtures.



#### Blue tooth infrared plug and play motion sensor 12/24V

- SKU: BL-ANT6-4T-PIR-BT
- Blue tooth infrared motion sensor
- Suitable for 120-277V and 347-480V fixtures.



#### Glare Shield

- SKU: UPK-Glare Shield



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

- SKU: UNVMPK
- 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

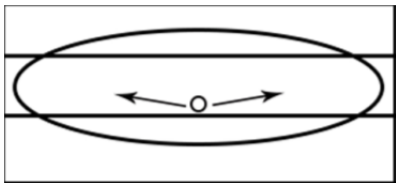


**Yoke Mount**  
Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.



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

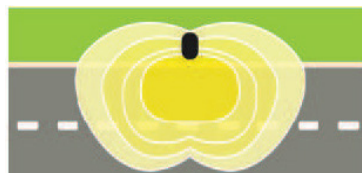
## Distribution Type



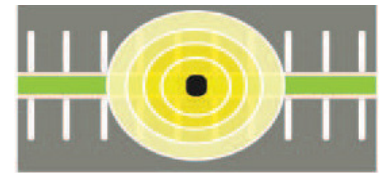
Type 2 - Optics is typically used for narrow roadways, and any driving area where a narrow longitudinal throw is required.



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.