



# LED SPORTS LIGHT

FOR TENNIS, PICKLEBALL, & BASKETBALL COURTS

OT SERIES



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Rev. date: 2023-11-08

Project Name:

Project Number:

Note:

Date:

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Note:

300W<sub>oT</sub> - 420W<sub>oT</sub>

1000W - 1500W HPS EQUIVALENT

## Features

### APPLICATION

Tennis Courts, Pickleball Courts,  
Basketball Courts

### OPTICS

CCT 3000K, 4000K, 5000K  
Efficiency up to 170Lm/W

### DRIVER

Standard 0-10V dimmable driver

### HOUSING

Die-cast aluminium alloy  
IP 65 rating

### OPERATIONAL TEMPERATURE

Ambient temperature range: -40°F to +122°F

### MOUNTING

Easy and secure mounting to poles  
Withstand up to 3G vibration per ANSI C136.31

### ELECTRICAL

Power Factor > 90%  
THD < 20%  
LED lifetime up to L85/100,000 hours at 25°C ambient  
Additional surge protection devices are available  
Per ANSI/IEEE C62.41.2

### CONTROL

**Photocell:** through 3- & 7-pin receptacle

**Dimming Photocell:** on/off based on daylight  
3 dimming levels (30%, 50%, 70%) with 3 start times (10pm, 12am, 2am) are settable through 10-position selector switch

**Motion sensor:** multi-level dimming based  
on motion and/or daylight contribution  
Detection height up to 40'; programmer order separately

**Wireless Control System:** on/off switching, dimming,  
power metering, light scheduling, status monitoring

### WARRANTY

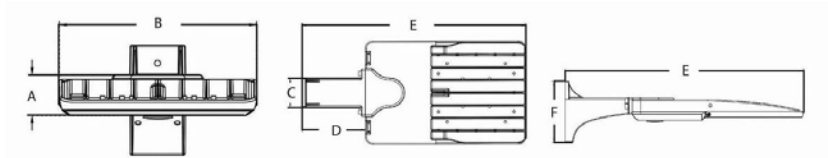
Standard 5-year warranty  
Optional 10-year warranty

### CERTIFICATIONS/LISTINGS



Lighting design per U.S.T.A recommended illuminance.

## Product Dimensions



	300W - 420W
<b>A</b>	3"
<b>B</b>	14"
<b>C</b>	3"
<b>D</b>	6.5"
<b>E</b>	30"
<b>F</b>	5.9"
<b>Packaging</b>	25.5"L x 17.3"W x 15.4"H
<b>Net Weight</b>	23 lbs
<b>EPA</b>	2.6 ft <sup>2</sup>

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## Ordering Information

EXAMPLE: 300WoT-NVS-S5-00-4070-T312-A-BZ-10



A	B	C	D	E
Watts	Voltage	LED Chips	Control	CCT and CRI
<b>300 WoT</b> 300W <b>420 WoT</b> 420W	<b>NVS</b> 100-277V <b>HVS</b> 277-480V	<b>S5</b>	<b>00</b> Without Sensor <b>PH</b> Photocell <b>PH4</b> Dimming Photocell <b>SN</b> Motion Sensor Integrated sensor only for 120-277V External sensor for 340-480V <b>WC</b> Wireless Control System	<b>3070</b> 3000K 70 CRI <b>4070</b> 4000K 70 CRI <b>5070</b> 5000K 70 CRI <b>3080</b> 3000K 80 CRI <b>4080</b> 4000K 80 CRI <b>5080</b> 5000K 80 CRI

F	G	H	I
Distribution	Mounting	Finish	Option
<b>T312</b> Tennis T3 Short <b>T322</b> Tennis T3 Very Short <b>T402</b> Tennis T4 Short <b>T502</b> Tennis T5 Short	<b>A</b> Slipfitter <b>B</b> Adjustable Pole Mount <b>C</b> Yoke Mount <b>D</b> Slide & Lock Square/Round Pole Mount <b>G</b> Trunnion Mount	<b>BZ</b> Bronze <b>BK</b> Black <b>WH</b> White <b>SG</b> Silver Gray	<b>10</b> 10-year warranty <b>SPD10</b> SPD 10KV <b>SPD20</b> SPD 20KV <b>P3</b> NEMA 3-pin Receptacle <b>P7</b> NEMA 7-pin Receptacle <b>FA</b> Field Adjustment <b>HSS</b> House Side Shield <b>BS</b> Bird Spike

## Technical Specifications

Model	Watts	Equivalence	Lumen Output		
			3000K	4000K	5000K
<b>300WoT</b>	300W	1000W - 1200W HPS	47,150	49,661	48,899
<b>420WoT</b>	420W	1500W HPS	62,357	65,098	65,342

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## Mounting



**TYPE A**  
Slipfitter



**TYPE B**  
Adjustable Pole Mount



**TYPE C**  
U Shape Bracket



**TYPE D**  
Slide & Lock Mount  
for Square/Round Poles



**TYPE G**  
Trunnion Mount

## Mounting Examples



Double Slide & Lock Mount



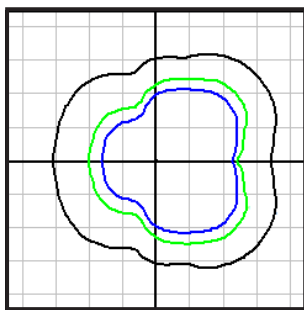
Double Slipfitter Mount

## Accessory

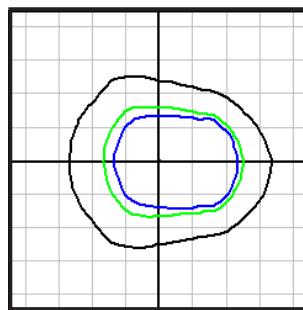


House Side Shield

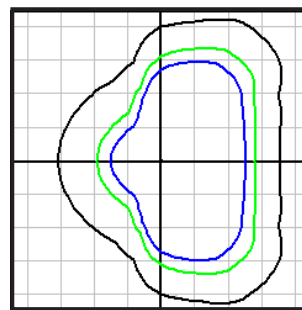
## Photometrics



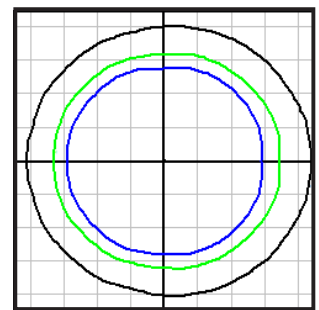
Tennis T312



Tennis T322



Tennis T402



Tennis T502

The plot is in units of mounting height of 25'.

Black 0.1 fc    Green 0.5 fc    Blue 1 fc



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