

SPIRIT

Premium Area Light

Part No: _____
 Notes: _____
 Project: _____



Performance Data

CRI 80+ Dimming 0-10v, 10% to 100%
 DSC Operating Temp -40°C to +55°C
 Lifetime L80 100,000+ IP Rating IP 65

Description

The Spirit is Unite's premium area light offering advanced rotatable optic system as well as both fantastic efficiency and reliability to provide the best performing area lights in the market. Multiple mounting options and distribution types make this a highly versatile solution for parking lots, sites and roadways. The Spirit is always part of Unite Ltg's 2 day quick ship program for ultimate convenience.

Features

- Highly durable powder coat finish over chromatic conversion coating
- Die cast aluminum IP65 housing UL listed with integral heatsink
- 4 convenient mounting types for all installations
- Thermal and shock resistant 3G tested for roadways and crane mounting
- High performance optics including type 5 wide and rotatable type 3



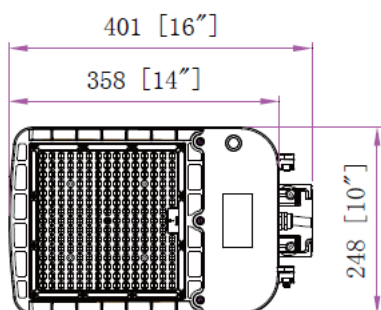
Ordering Information

Example: SP-100/150/200-H3-3CCT-U-BRZ-PM-3PIN-PC-HSS

Series	Wattage Adjustable	Optic	Color Temp Adjustable	Voltage	Color	Mounting
SP Spirit	100/150/200 200/240/300	H3 Type 3 H3R Type 3 Right H3L Type 3 Left H4 Type 4 H5W Type 5	3CCT 3K/4K/5K	U 120-277 H 277-480	BRZ Bronze BK Black* WH White* CU Custom* *Adder	SF Slip Fit Mount PM Pole Mount TRN Trunion Mount
Accessories		Controls		DLC		
5PIN 5 Pin Socket Base (Included) SC Shorting Cap(Included) 10kv 10kV Surge Protector HSS House Side Shield		PC Photocell SBT Silvair Wireless Bluetooth AUT Autani Zigbee Wireless SYN Synapse Wireless OCC Unite Basic Occ Sensors UCO Unite Connect Outdoor		SP 200/150/100 H3 S-2AEJ3H SP 200/150/100 H4 S-PCHLQF SP 200/150/100 H5 S-9WOFU8 SP 300/240/200 H3 S-36HGSC SP 300/240/200 H5 S-KVDULM		

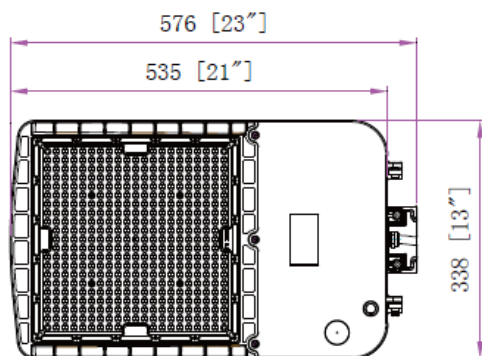
DIMENSIONS

SPIRIT 100/150/200W



Measure Point	Dimensions
A	16.0"
B	14.0"
C	10.0"
D	2.4"

SPIRIT 200/240/300W



Measure Point	Dimensions
A	23.0"
B	21.0"
C	13.0"
D	2.4"

PERFORMANCE

LUMEN OUTPUT

Wattage	T3 Lum	T3 EFF	T4 Lum	T4 EFF	T5 Lum	T5 EFF
100W	14203	142 LPW	14637	146 LPW	14221	142 LPW
150W	20144	140 LPW	20874	139 LPW	21347	141 LPW
200W	29301	141 LPW	29105	143 LPW	29143	143 LPW
240W	34710	145LPW	34928	145 LPW	34976	145 LPW
300W	42331	141 LPW	42143	141 LPW	42784	142 LPW

LUMEN AMBIENT TEMP MULTIPLIERS

Temperature	Multiple
0c/32f	1.03
10c/50f	1.01
20c/68f	1.00
30c/86f	0.99
40c/106f	0.98

ELECTRICAL LOAD CALCULATIONS

Wattage	120V	208V	240V	277V
100W	0.83A	0.48A	0.42A	0.36A
150W	1.25A	0.72A	0.63A	0.54A
200W	1.66A	0.96A	0.83A	0.72A
240W	2.00A	1.15A	1.00A	0.86A
300W	2.50A	1.44A	1.25A	1.08A

B-U-G and EPA RATING

Wattage	B.U.G.	EPA
100W	B3-U1-G3	0.7
150W	B3-U1-G3	0.7
200W	B3-U2-G3	0.9
240W	B4-U2-G4	1.0
300W	B4-U2-G4	1.0

WEIGHT AND PACKAGING SIZE

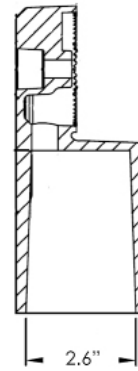
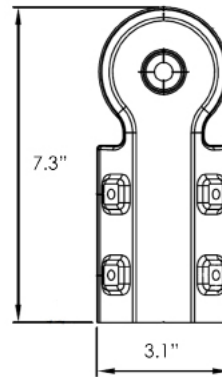
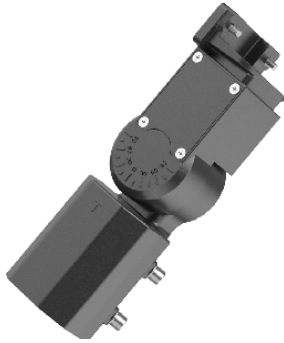
Wattage	Weight	Box Size LxWxH
100W	6.3 lbs	19"x14.4"x5.7"
150W	6.4 lbs	19"x14.4"x5.7"
200W	7.0 lbs	19.8"x14.4"x5.7"
240W	10.3 lbs	27.7"x14.4"x5.7"
300W	10.8 lbs	27.7"x14.4"x5.7"

LUMEN MAINTENANCE

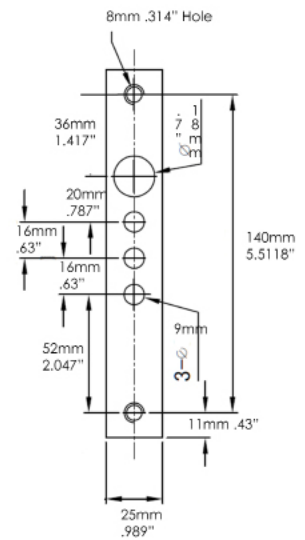
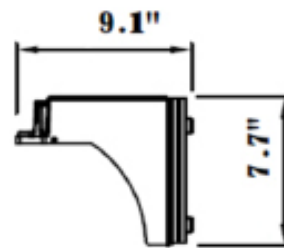
Operating Hours	0	25,000	50,000	100,000
Percent of Initial	100%	96%	93%	86%

MOUNTING

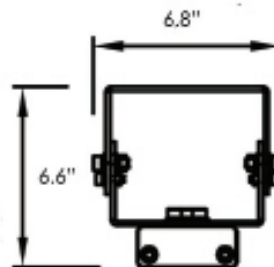
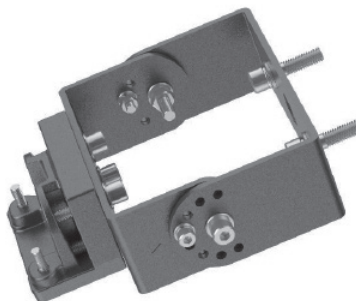
SF Slip Fit Bracket



PM Pole Mount (Round and Square)



TRN Trunion



CONTROLS

Photocell

Twist lock photocell is the most economical choice for hassle free controls. The PC will detect natural light and activate the Talon at dusk and shut it off at dawn!



Unite Connect Outdoor Bluetooth

The UCO sensors are ideal for outdoor use. Featuring integrated harvesting, passive infrared (PIR) motion sensors, integrated long-range antennas, and a one-piece UV-rated nylon housing with a black finish, the sensors are designed for plug and play installation to make them easy to install in the field.



Silvair Wireless Control

The Silvair wireless control system utilizes qualified bluetooth protocol to offer a truly open source wireless control system. Easily integrated with EnOcean switches, the Silvair commissions in seconds and provides true wireless network control.



Autani Wireless Control

Autani is a midrange Zigbee wireless control platform that can offer advanced features such as space utilization, asset counting, temperature data collection, and advanced energy monitoring.



Synapse Wireless Control

Synapse is the Cadillac of outdoor wireless controls. Appropriate for single site to entire cities, Synapse boasts 1000 foot range as well as capacity for up to 10,000 lights all within one network. Functionality includes advanced features such as internet free network and full BacNet integration.



EPA RATINGS



S Single

Size	100 & 150	200	240 & 300
Weight	12.6 lbs	14.0 lbs	21.6 lbs
EPA	0.70	0.90	1.00



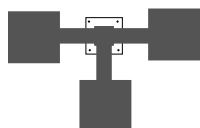
D90 Double 90

Size	100 & 150	200	240 & 300
Weight	12.6 lbs	14.0 lbs	21.6 lbs
EPA	1.10	1.20	1.50



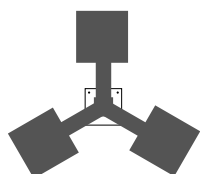
D180 Double 180

Size	100 & 150	200	240 & 300
Weight	12.6 lbs	14.0 lbs	21.6 lbs
EPA	1.60	1.90	2.00



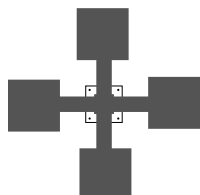
T90 Triple 90

Size	100 & 150	200	240 & 300
Weight	19.3 lbs	21.0 lbs	32.4 lbs
EPA	1.80	2.10	2.20



T120 Triple 120

Size	100 & 150	200	240 & 300
Weight	19.3 lbs	21.0 lbs	32.4 lbs
EPA	1.80	2.10	2.20

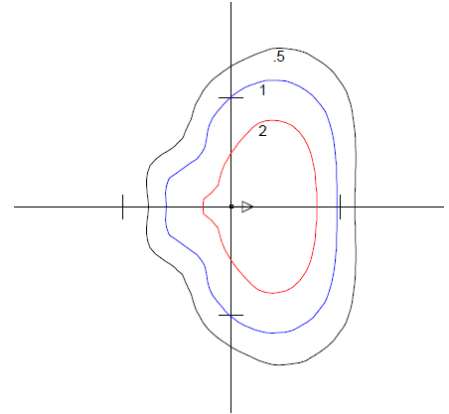
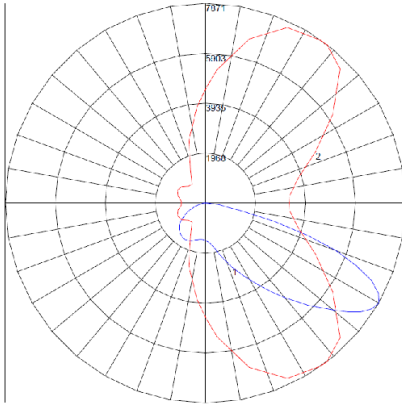


Q90 Quad 90

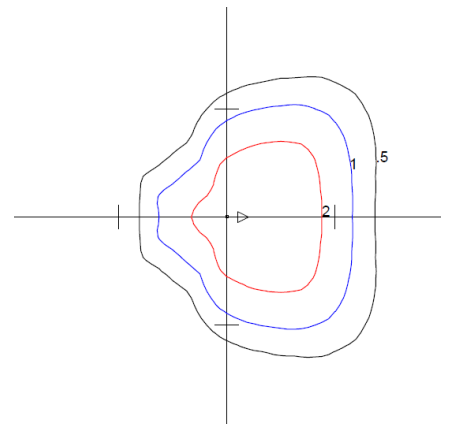
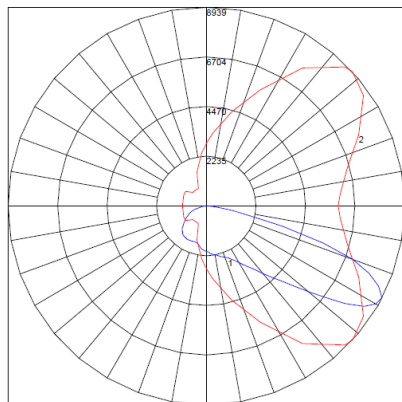
Size	100 & 150	200	240 & 300
Weight	25.2 lbs	28.0 lbs	43.2 lbs
EPA	1.90	2.20	2.40

PHOTOMETRY

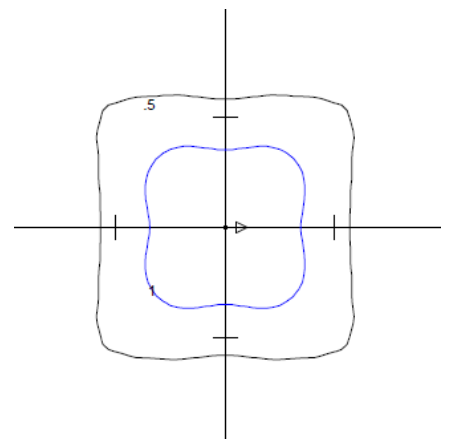
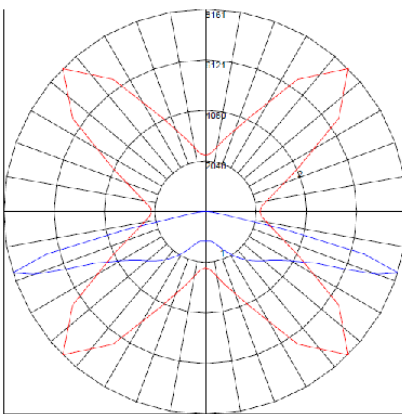
100W Type 3



100W Type 4



100W Type 5



RENDERS

