

Spider

LED Area Luminaire

A spider-arm LED post top for parking lots, squares, plazas, roadways, and campus grounds. Three open cast arms carry the louvered light head above the pole for a modern architectural profile, with six outputs from 35 to 300W reaching mounting heights up to 45 feet. The die-cast ADC12 aluminum housing with external air-flow cooling fins mounts on a 2-3/8" or 3" round tenon, with square- and round-pole adapters available.

- Spider-arm die-cast housing (ADC12) with external air-flow cooling fins
- Six outputs, 35–300W — up to 39,000 lm at 130 lm/W
- Type V (120°), Type IV (150°), or Type III distribution
- Fits 2-3/8" or 3" round tenon — square and round pole adapters available
- -40°F rated · Meanwell / SOSEN driver · THD <15%
- IP65 wet-location rated · UL, DLC, CE, RoHS



UL DLC CE RoHS IP65

LUMEN OUTPUT	Up to 39,000 lm
EFFICACY	130 lm/W
COLOR TEMP / CCT	3000K / 4000K / 5000K / 6000K
COLOR QUALITY / CRI	70+ (Ra)
DISTRIBUTION	Type V (120°) · Type IV (150°) · Type III (90°×140°)
LED SOURCE	Philips SMD 3030 (or equal)
WATTAGE	35 / 50 / 100 / 150 / 200 / 300W
VOLTAGE	100–277V · 120–347V · 180–480V · 277–480V (300W)
DRIVER	Meanwell / SOSEN · THD <15%
FINISH	Bronze, Black

OPERATING TEMP	-40°F to +113°F
IP / IMPACT	IP65 · Wet Location
MATERIAL	Die-cast aluminum alloy (ADC12) · PC lens
LENS	PC lens
MOUNTING	Slip fitter (2-3/8" or 3" round tenon) · square / round pole adapters
DIMENSIONS	21.72" × 20.75" × 5.58"
WEIGHT	24.25 lb (35–50W) · 25.79 – 29.10 lb (100–300W)
LIFETIME	50,000 hrs
WARRANTY	5-Year Limited

Ordering & Dimensions

SPIDER

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

● **In stock** — all other configurations built to order.

MODEL	WATTAGE	CCT	VOLTAGE	DISTRIBUTION	MOUNTING	OPTIONS	FINISH
SPIDER	35 35W 50 50W 100 100W ● 150 ● 150W ● 200 ● 200W ● 300 ● 300W	30 3000K 40 4000K ● 50 ● 5000K 60 6000K	● U 100-277V E 120-347V H 180-480V ● HV 277-480V (300W only)	● T5 Type V T4 Type IV T3 Type III	● SF2 Slip fitter · 2-3/8" tenon SF3 Slip fitter · 3" tenon	● N None 4SQ 4" square adapter* 5SQ 5" square adapter* 3RD 3" round adapter* 4RD 4" round adapter* 5RD 5" round adapter*	● BZ Bronze BK Black

* Pole adapters fit the SF2 (2-3/8" slip-fitter) mount only.

Build Your Order Code — example values shown in grey

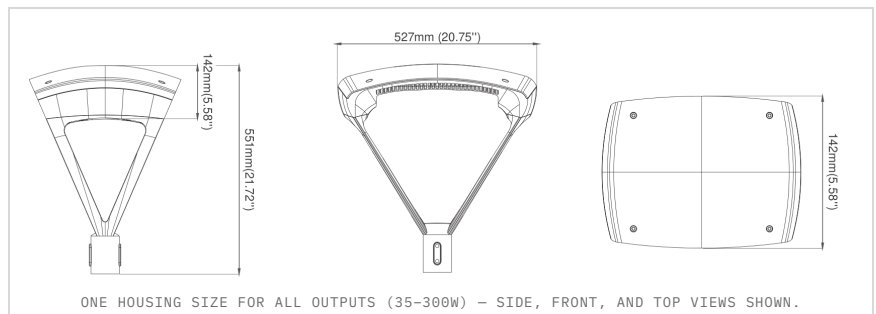
MODEL	WATTAGE	CCT	VOLTAGE	DISTRIBUTION	MOUNTING	OPTIONS	FINISH
SPIDER	150	50	U	T5	SF2	N	BZ

STANDARD FINISHES

BZ
BronzeBK
Black

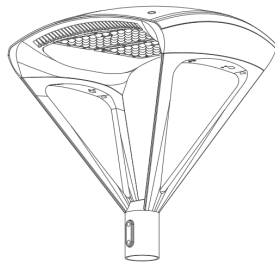
Dimensions & Weight

MODEL	WIDTH	HEIGHT	HOUSING DEPTH	WEIGHT (NET)
SPIDER	20.75"	21.72"	5.58"	24.25
(35-300W)	(527 mm)	(551 mm)	(142 mm)	—
				29.10 lb

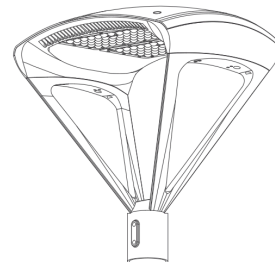


Mounting

SPIDER



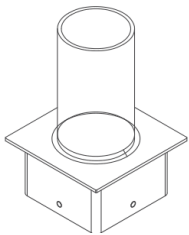
SF2
2-3/8" Tenon
Slip fitter



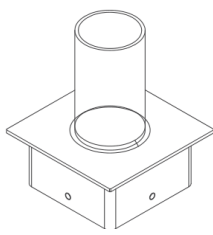
SF3
3" Tenon
Slip fitter

Options

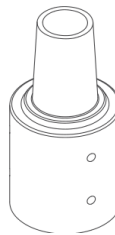
TENON ADAPTERS — FOR 2-3/8" MOUNT



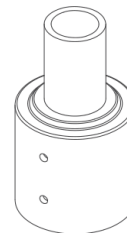
4SQ
4" Square



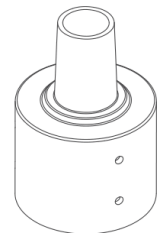
5SQ
5" Square



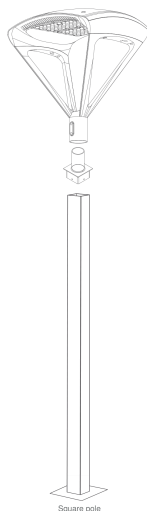
3RD
3" Round



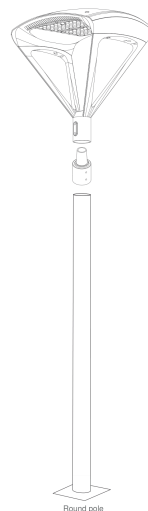
4RD
4" Round



5RD
5" Round



Square pole



Round pole

Slip fitter slides over the pole tenon and locks with set screws — square-pole and round-pole tenon adapters shown.

Photometry

SPIDER

OUTPUT & SUGGESTED MOUNTING HEIGHT

WATTAGE	SUGGESTED HEIGHT	DELIVERED LUMENS
35W	10' - 15'	4,550 lm
50W	15' - 20'	6,500 lm
100W	25' - 30'	13,000 lm
150W	30' - 35'	19,500 lm
200W	35' - 40'	26,000 lm
300W	40' - 45'	39,000 lm

Published OEM lumen ratings (130 lm/W) — verify against photometric files for final layouts.

Distribution Type V (120°) · Type IV (150°) · Type III (90°×140°) **Efficacy** 130 lm/W **CRI** 70+ (Ra)

IES File On request

