



# S640LED-COB SEVILLE SERIES

LED

EPA  
2.5 (ft<sup>2</sup>)  
WEIGHT  
25 LBS

7 YEAR  
WARRANTY

LUMEN  
RANGE  
4930 to  
8305

LIFE SPAN  
L70  
MINIMUM  
100,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ's

JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-S640LED-1L40T3-MDL10-SV1.5-R-PE/480PM/3610FP4/SCC/BKT**

Mounting Config.	Fixture	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Fuse	Option Hangstraight	Option House Side Shield	Option Finial	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

### Mounting Configuration

(Click here to link to mounting configuration specification page)

- 1W      • 2A90      • 4A      • SH44<sup>1</sup>
- PT      • 2APT      • 4APT      • CH44<sup>1</sup>
- 1A      • 3A      • 1AM
- 1APT      • 3A90      • 2AM
- 2A      • 3APT      • 44PB

W = Wall Mount   PT = Post Top   A = Arm Mount   AM = Arm Mid-Mount   PB = Pier Base   SH = Stem Hung   CH = Chain Hung

<sup>1</sup> Include stem/chain length in inches after designation (IE: CH44-36")

### Fixture

- S640LED    • S640LEDH<sup>2</sup>    • S640LEDAM<sup>2</sup>

<sup>2</sup> Not for use with PT or PB mounting configuration.

### LED

- 1L

### CCT - Color Temperature (K)

- 27(00)    • 30(00)    • 40(00)    • 50(00)

### Type

- T3

### Driver

- MDL10 (120v-277v, 1000mA)
- MDL12 (120v-277v, 1200mA)
- MDL18 (120v-277v, 1800mA)
- MDH10 (347v-480v, 1000mA)
- MDH12 (347v-480v, 1200mA)
- MDH18 (347v-480v, 1800mA)

### Lens

- SV1.5 (Soft Vue Medium Diffuse Acrylic Lens)
- CA (Clear Acrylic Lens)

### Options (Click here to view accessories sheet)

- R<sup>3</sup> 3-Pin control receptacle only
- R<sup>5</sup> 5-Pin control receptacle only
- R<sup>7</sup> 7-Pin control receptacle only
- PE<sup>4</sup> Twist-Lock Photocontrol (120v-277v)
- PE<sup>4</sup> Twist-Lock Photocontrol (347v)
- PE<sup>4</sup> Twist-Lock Photocontrol (480v)
- SC<sup>4</sup> Shorting Cap
- FHD<sup>5</sup> Double Fuse and Hold

- HSHS<sup>6</sup> Standard Horizontal Hangstraight, Spike Finial
- HSHN<sup>6</sup> Standard Horizontal Hangstraight, No Finial
- HSHB<sup>6</sup> Standard Horizontal Hangstraight, Ball Finial
- EZ<sup>6</sup> Vertical Hangstraight, Large, "EZ" Mount
- HSV<sup>6</sup> Vertical Hangstraight, Standard
- HSS 90° House Side Shield (Single Lens Panel)
- B<sup>7</sup> Ball Finial
- S<sup>7</sup> Spike Finial
- CUP<sup>7</sup> Cast Cupola Finial

<sup>3</sup> Not for use with FINIAL, EZ or HSV.

<sup>4</sup> Requires control receptacle.

<sup>5</sup> Ships loose for installation in base.

<sup>6</sup> Not for use with PT, AM, PB, SH or CH mounting configuration.

<sup>7</sup> Not for use with S640LEDH.

### Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- 480      • 6236      • TA      • 779

### Pole (Click here to link to pole specification page)

See Pole specification sheets.

### Finish (Click here to view paint finish sheet)

#### Standard Finishes<sup>8</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>8</sup> Smooth finishes are available upon request.

#### Custom Finishes<sup>9</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>9</sup> Custom colors require upcharge.

#### Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

### Fixture

The S640LED Seville series measures 18" wide and 31" tall. The luminaire shall be made of heavy wall cast aluminum alloy. The luminaire shall be provided with a cast aluminum roof with integral heat sync to provide maximum life and performance for the LED light source. The one piece lens shall be made of vandal resistant acrylic in a choice of clear or diffuse surface treatment. The S640LEDH and S640LEDAM versions include a lensed bottom for efficient light output. The Luminaire shall be UL listed in US and Canada.

### Fitter

The fitter or base shall be heavy wall cast aluminum, alloy for high tensile strength. The fitter shall have an inside diameter opening to accept a 3" diameter pole or tenon in a height ranging from 3" to 5".

### LED's

The luminaire shall use high output, high brightness LED's. The LED's and printed circuit boards shall be 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 60,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4000K (3000K or 5000K option) color temperature with a minimum of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

See next page

# S640LED-COB SEVILLE SERIES

LED

## Optics

The optical system consists of a two piece image duplicating, glare reduction reflector system, a chip on board emitter and COB holder attached to an integral cast heat sync for long service life. The stage one cone reflector shall be made of Alanod Miro 4 Silver formed from 1100, 5052 or 6061 aluminum and will have a polished specular inner reflecting surface. The stage two reflector shall be made of Alanod Miro 20 on the secondary reflecting surfaces, shall be 94% reflective and have a diffuse coating. The primary reflecting surfaces shall be made of Alanod Miro Silver 8510 and shall be 97% reflective. Together the two stages create a multi-faceted reflector system that provides a highly efficient type III IES distribution.

## Electronic Driver

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the roof, for optimized performance and longevity. The LED driver shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. The LED driver shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines.

## Photocontrols

**Twist-Lock Style:** The photocontrol shall be mounted externally on the fixture and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

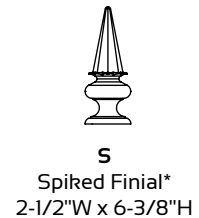
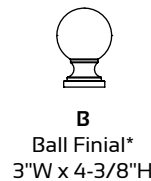
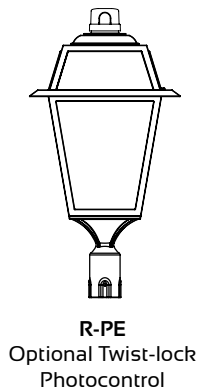
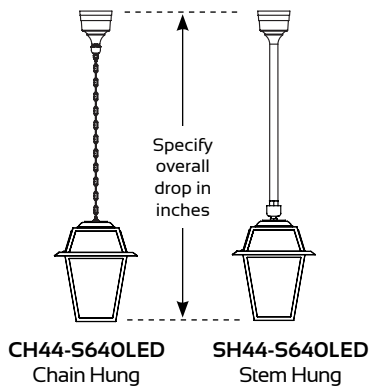
## Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

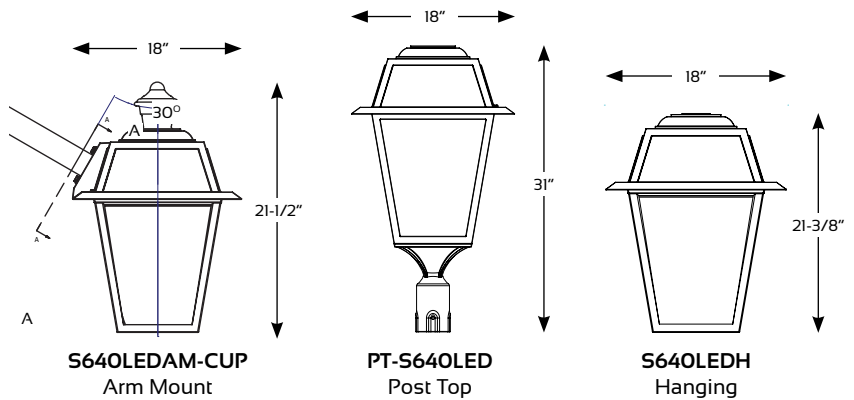
## Options



## Performance

MODEL #	T3 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
1L30T3-MD_10	4930	85.0	58
1L40T3-MD_10	5105	88.0	58
1L50T3-MD_10	5170	89.1	58
1L30T3-MD_12	5570	83.1	67
1L40T3-MD_12	5765	86.0	67
1L50T3-MD_12	5840	87.2	67
1L30T3-MD_18	7920	74.7	106
1L40T3-MD_18	8195	77.3	106
1L50T3-MD_18	8305	78.3	106

## Fixtures



\* Only available with PT and AM mounting