Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Filename	Lumens per Lamp	LLF	Wattage	Notes
	SA	3	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	PRV-C40-D-UNV-T4-BZ-HSS	PREVAIL AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K LEDS AND TYPE IV OPTICS WITH HOUSE SIDE SHIELD, BRONZE PAINTED FINISH	2	PRV-C40-D-UNV-T4-BZ-HSS.ies	7759	0.9	131	Mount to a 25' tall square steel pole.
	SA-2	5	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	PRV-C40-D-UNV-T4-BZ-HSS	PREVAIL AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K LEDS AND TYPE IV OPTICS WITH HOUSE SIDE SHIELD, BRONZE PAINTED FINISH	2	PRV-C40-D-UNV-T4-BZ-HSS.ies	7759	0.9	262	Mount to a 25' tall square steel pole.
	SB	2	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	PRV-C40-D-UNV-T4-BZ	PREVAIL AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K LEDS AND TYPE IV OPTICS, BRONZE PAINTED FINISH	2	PRV-C40-D-UNV-T4-BZ.ies	8544	0.9	131	Mount to a 25' tall square steel pole.
	SC	11	COOPER LIGHTING SOLUTIONS - INVUE (FORMERLY EATON)	ARB-B2-LED-D1-T5	ARBOR OUTDOOR ARCHITECTURAL POST TOP 70 CRI, 4000K LEDS AND TYPE V OPTIC, GRAPHITE METALLIC PAINTED FINISH	1	ARB-B2-LED-D1-T5.ies	4530	0.9	41	Mount to a 10' tall tapered round aluminum pole.
	EXIST	3	Holophane	GPD3 P30 30K XXXX GL5	Granville Premier Gen3, P30 Performance Package, 3000K CCT, Type 5 distribution	1	GPD3_P30_30K_XXXX_GL5.ies	8444	0.9	57	

Project		Catalog #		Type	
Prepared by		Notes		Date	

Lumark

PRV / PRV-XL Prevail LED

Area / Site Luminaire

Typical Applications

Outdoor • Parking Lots • Walkways • Roadways • Building Areas

Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Optical Configurations page 3
- Product Specifications page 3
- Energy and Performance Data page 4
- Control Options page 5

Product Certifications

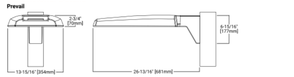
Product Features

Quick Facts

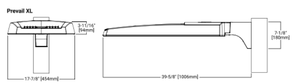
- Lumen packages range from 7,100 - 48,600 lumens (50W - 350W)
- Replaces 70W up to 1,000W HID equivalents
- Efficacies up to 148 lumens per watt
- Energy and maintenance savings up to 85% versus HID solutions
- Standard universal quick mount arm with universal drill pattern

Dimensional Details

Prevail



Prevail XL



COOPER Lighting Solutions

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Invue

DESCRIPTION

The Invue Arbor post top brings architectural style to area/site and pedestrian scale applications. Its dayform appearance brings a desired organic look into the urban environment. WaveStream™ LED Optics provide a uniform pixelation free image, managing glare while providing high levels of visibility.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Construction
Two-piece IP66 rated housing is cast from low copper content corrosion resistant aluminum. Powder coated finish with precision to sustain long term dayform appearance. ANSI C136.31 testing compliance prevents damage from installation generated vibration. External hardware and casting seams are minimized to enhance appearance.

Optics
Specifically designed for pedestrian applications, WaveStream LED optical waveguide technology produces both symmetric NEMA type V and asymmetric NEMA II, III, IV distribution patterns. Optic is manufactured from precision injection molded acrylic resulting in a pixelation free optical image for improved glare control and visual comfort. Luminaire efficacy's measure up to 100 lm/w for 4000K (+/- 275K) CCT at 70 CRI (min), optional 3000K CCT at 80 CRI is also available.

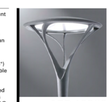
Electrical
LED driver(s) are directly mounted to upper housing thermal pad for optimal thermal performance. Standard 0-10V dimming drivers and Cooper Lighting Solutions' proprietary surge protection module are designed to withstand 10kV/5kA surge minimum. Drivers operate at 120-277V 50/60Hz with 347V/60Hz or 480V/60Hz operation optional. Suitable for ambient temperature applications as low as -40°C (-40°F) to 40°C (104°F). Limited high ambient options allow for 50°C operation.

Controls
The Arbor LED luminaire control options are designed to be simple and cost-effective ASHRAE and California Title 24 compliant solutions. The ANSI C136.41 dimming receptacle (DLL) receptacle enables wireless dimming when used with compatible photocontrol. See control options page for more details.

Mounting
Fitter assembly mounts over 2-3/8" O.D. tenon and is secured via six concealed stainless steel set screws. Design of fitter provides seamless transition to 3" O.D. round pole top. Additional mounting accessories include a single fixture arm mount, twin fixture arm mount and wall mount arm. Additional pole mount accessories mount to a 2" x 4" long tenon for 4" - 5" O.D. poles or for a existing 2-3/8" tenons an adapter is shipped standard.

Finish
Cooper Lighting Solutions ("CLS") utilizes premium ultra-weatherable TGIC based polyester powder coatings that are specifically formulated to withstand extended outdoor exposure. The coatings are formulated exclusively for CLS to serve functionality as well as decorative. Good film appearance combined with excellent mechanical an exterior exposure qualities display greater than twice as much gloss retention, RAL and custom color matches available. Finish is compliant with ASTM B117 3000hr salt spray standard.

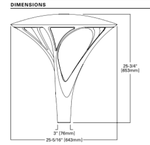
Warranty
Five-year warranty.



ARB ARBOR POST TOP

DECORATIVE LUMINAIRE

DIMENSIONS



COOPER Lighting Solutions

CERTIFICATION DATA
UL/cUL Listed
ANSI C136.31 5G Vibration Tested
IP66 Rated (IP66 Housing)
ASTM B117 Salt Spray Tested
ASTM A360 Low Cooper Alloy
ISO 9001
Dark Sky Approved (3000K CCT and warmer only)

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V 50/60Hz, 347V/60Hz, 480V/60Hz
40°C Ambient Temperature Rating
Ta low as -40°C (-40°F) minimum temperature
*See MINIMUM TEMPERATURE table

EPA
Effective Projected Area: (Sq. Ft.) 0.9

Approximate Net Weight:
20 lbs. (16.0 kgs.)

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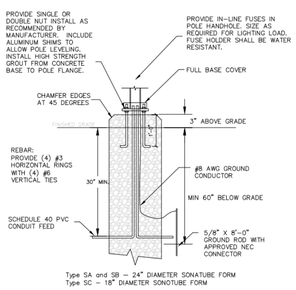
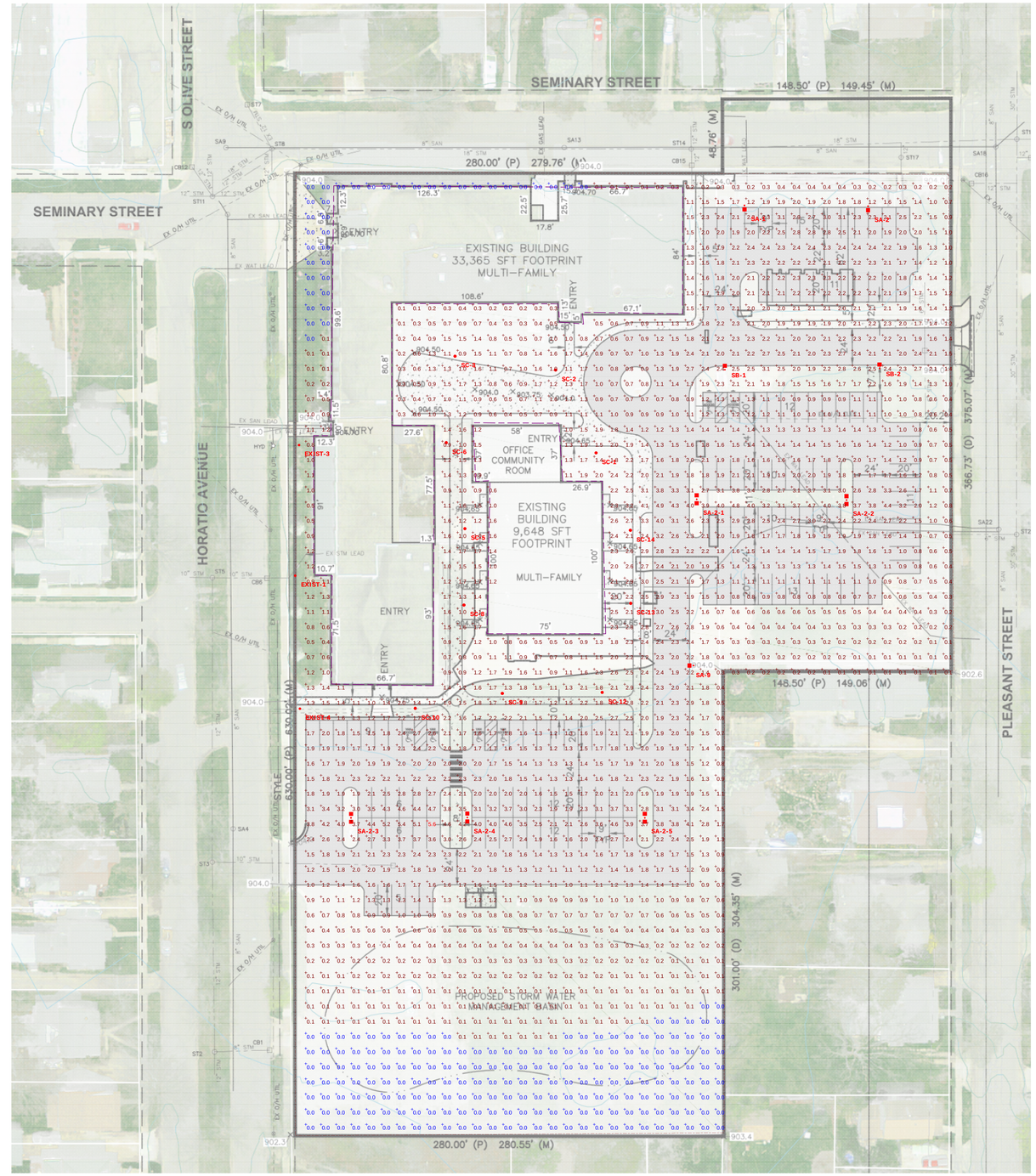


POLE BASE DETAIL



Plan View
Scale - 1" = 40ft

Exterior Lighting Photometrics
335 Horatio St, Charlotte MI 48813

Designer

Date
11/13/2020
Scale
Not to Scale
Drawing No.

Summary