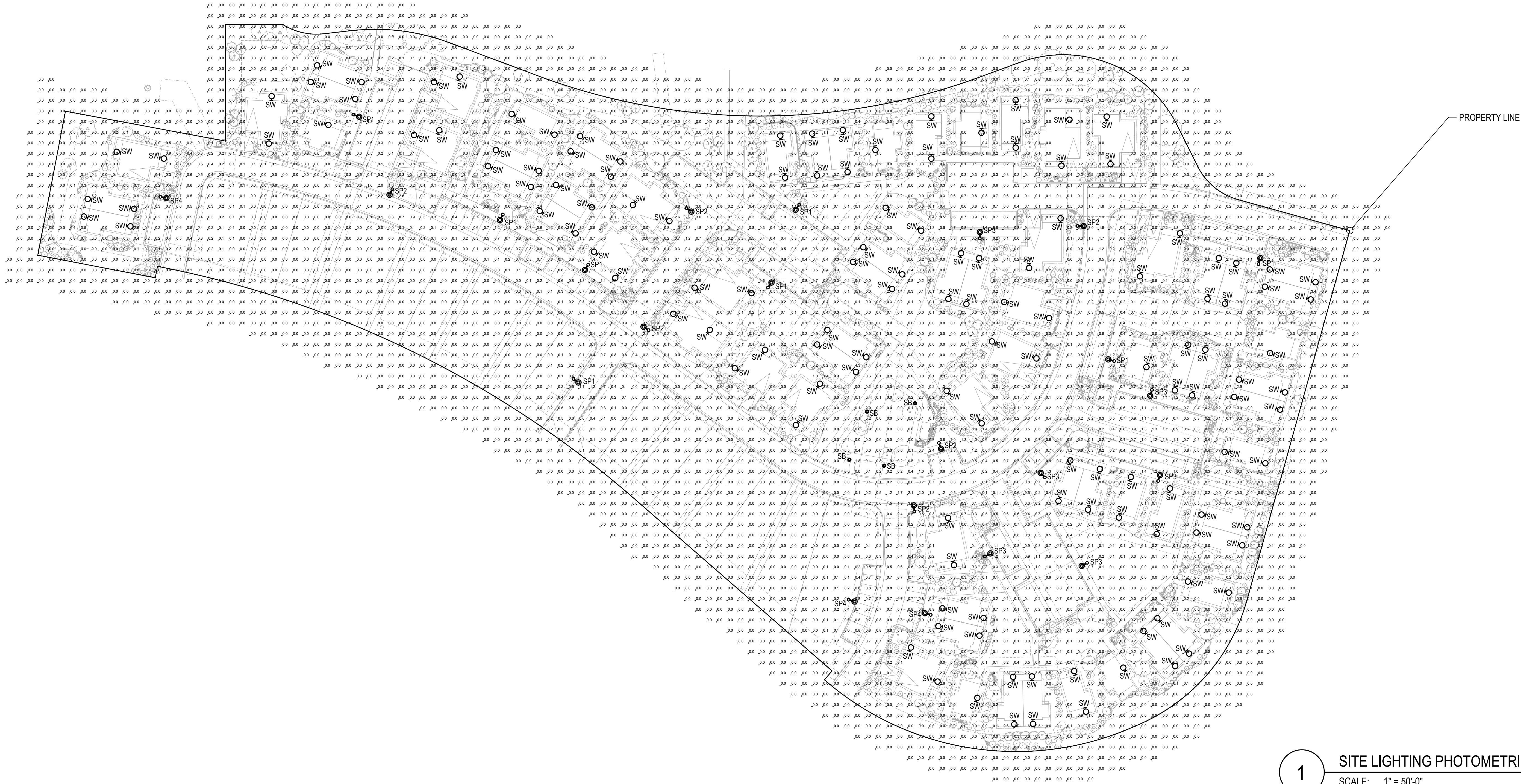




1 SITE LIGHTING PHOTOMETRIC

SCALE: 1" = 50'-0"

- PHOTOMETRY PLAN GENERAL NOTES:
- VALUES SHOWN ARE MAINTAINED HORIZONTAL ILLUMINANCE VALUES MEASURED AT GRADE.
 - SITE LIGHTING DESIGN HAS BEEN COMPLETED TO PRODUCE EVEN ILLUMINATION OF PARKING AND PAVED AREAS.
 - ALL LIGHT FIXTURES SHALL BE FULLY SHIELDED AND DIRECT LIGHT DOWNWARDS.
 - THERE WILL BE NO OFF-SITE GLARE ALLOWED.
 - ALL EXTERIOR LIGHTING, INCLUDING FIXTURE TYPE SW, TO BE PHOTOCELL CONTROLLED. PROVIDE IECC COMPLIANT CONTROLS AND VERIFY ALL CONTROLS WITH OWNERSHIP PRIOR TO PURCHASE AND INSTALL.

SITE LIGHTING DESIGN HAS BEEN COMPLETED TO CONFORM TO TOWN OF EAGLE EXTERIOR LIGHTING STANDARDS

LIGHTING CALCULATION STATISTICS SUMMARY:					
	AVERAGE	MAXIMUM	MINIMUM	MAX/MIN	AVG/MIN
OVERALL SITE:	1.0fc	6.1fc	0.0fc	NA	NA
PARKING:	0.7fc	1.3fc	0.1fc	13:1	6.9:1
PROPERTY LINE:	0.0fc	0.2fc	0.0fc	NA	NA

HAYMEADOW RMF 4 & 5
EAGLE, CO



STUDIO LIGHTNING
63 SUNSET DR.
BAILEY, CO 80421
303.242.1572

ISSUED FOR:	DATE:
PHOTOMETRIC	07/31/25
PHOTOMETRIC	12/23/25
PHOTOMETRIC	1/6/26

PROJECT:	25-048
----------	--------

SITE LIGHTING PHOTOMETRIC

LP1

LUMINAIRE SCHEDULE												
Symbol	Label	General Description	Mounting Height	Color	Catalog Number	Lamp	LLF	Color Temp.	Shielding	Watts	Lumens	Quantity
	SB	BOLLARD WALKWAYS	3'-0" AFG	BLACK	INVUE ABB-B1-8030-LED-36-D1-A-BK	LED	1.00	3000K	FULL CUTOFF	11	472	4
	SP1	SITE POLE PARKING & DRIVES	20'-0" AFG	DARK BRONZE	KIM LIGHTING CC17A2-1A-36L-465-3K7-3-PL-UNV-PC-DBx	LED	1.00	3000K	FULL CUTOFF	28.3	2,626	8
	SP2	SITE POLE PARKING & DRIVES	12'-0" AFG	DARK BRONZE	KIM LIGHTING CC17A2-1A-36L-465-3K7-3-PL-UNV-PC-DBx	LED	1.00	3000K	FULL CUTOFF	28.3	2,626	6
	SP3	SITE POLE PARKING & DRIVES	20'-0" AFG	DARK BRONZE	KIM LIGHTING CC17A2-1A-36L-465-3K7-4-PL-UNV-PC-DBx	LED	1.00	3000K	FULL CUTOFF	28.3	2,580	6
	SP4	SITE POLE PARKING & DRIVES	20'-0" AFG	DARK BRONZE	KIM LIGHTING CC17A2-1A-36L-465-3K7-4W-PL-UNV-PC-DBx	LED	1.00	3000K	FULL CUTOFF	28.3	2,497	3
	SW	WALL SCONCE ENTRIES	7'-0" AFG	ANTIQUE BRUSHED ALUMINUM	HINKLEY HKY2077068	LED	1.00	2700K MAX	FULL CUTOFF	15 MAX	1,600 MAX	137
TOTAL										2,750	280,823	164

SITE = 10.79 ACRES
TOTAL LUMENS ALLOWED FOR SITE = 323,700

Forge Outdoor Wall Sconce By Hinkley

Forge Outdoor Wall Sconce
By Hinkley

Product Options

Finish: Antique Brushed Aluminum

Dimensions

Backplate: Diameter 6"
Fixture: Width 16", Height 16.5", Depth 17", Weight
2.95Lbs
Lighting

Lamp Type	LED
Total Lumens	1600.0
# of Bulbs	1 (Not Included)
Bulb Type	15W A19 E26
Volts	120
Color Temp	2700 (Warm)
Average Lifespan (Hours)	25,000
CRI	90
Equivalent Halogen, CFL or LED Bulb Can Be Used	Yes

Additional Details

Product URL:
<https://www.lumens.com/forge-outdoor-wall-sconce-by-hinkley-HKY2077068.html>
Rating: UL Listed Wet

ITEM#: HKY2077068

Created March 27th, 2025



Notes:

Prepared
by:

Prepared for:
Project:
Room:
Placement:
Approval:



CC17A2/P2
ARCHITECTURAL AREA/SITE

FEATURES

- TIR Optics
- Patented low profile luminaire
- Available in 595nm, 3000K, 4000K and 5000K standard CCT
- Type 1, 2, 3, 4, 4W, 50M, 50N, 5R, 5W distributions
- 0 -10V dimming drivers standard
- IP66 optic assembly



SPECIFICATIONS

CONSTRUCTION

- One piece non die-cast housing, low copper (<0.6% Cu) Aluminum Alloy with integral cooling fins over the optical chamber and electrical compartment
- Double-thick wall with gussets on the support-arm mounting end
- Housing forms a half cylinder with 55° front face plane providing a recess to allow a flush single-latch detail
- All hardware is stainless steel or electro-zinc plated steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidyl isocyanurate (TGIC) polyester powdercoat
- One-piece die-cast, low copper (<0.6% Cu) aluminum alloy lens frame with 1" minimum depth around the gasket flange
- Optional clear 1/8" thick tempered glass lens retained by eight steel clips with full silicone gasketing around the perimeter
- Optional, fixture supplied with a one-piece flat, clear, UV stabilized polycarbonate, fully gasketed, replacing the standard tempered glass lens. CAUTION: Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight. A program of regular inspection and periodic replacement is highly recommended to maintain optimum fixture performance
- One-piece extruded aluminum arm with internal bolt guides and fully recessed top and bottom
- Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief
- Arm is circular cut for specified round pole

CONSTRUCTION (CONTINUED)

- Optional cast, low copper aluminum horizontal slip-fitter with adaptor plate to secure the luminaire to 2" IPS pipe size arms
- Optional cast aluminum wall mount plate assembly. Attaches to the wall over the junction box. Luminaire attaches to the wall plate
- Optics
 - Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate
 - Cartridge is easily disassembled to replace components. Optics are held in place without the use of adhesives
 - Molded silicone gasket ensures a weather-proof seal around each individual LED
 - Features revolutionary individual LED optical control based on high performance TIR optical designs
 - Optional BackLight Control for complete control of unwanted backlight.
- IP66 Optical assembly
- Type 1, 2, 3, 4, 4W, 50M, 50N, 5R, and 5W standard distributions Custom available
- 3000K, 4000K, 5000K standard CCT. Amber and custom available
- Die-cast, low copper aluminum heat sink modules provide thermal transfer at PCB level
- Anodized aluminum heat sink modules

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

DATE: LOCATION:

TYPE: SP1-4 PROJECT:

CATALOG #:

curvilinear



RELATED PRODUCTS
Ouro Pavilion PGL8

ELECTRICAL

- Dimming range from 10% to 100% through the use of standard 0-10V interface on the programmable driver
- Modular wiring harness in the service area provides user access to the dimming circuitry
- Optional factory programmed dimming profile
- Surge protection: 10kV surge suppression
- SF for 120, 277, 347 Line volts
DF for 208, 240, 480 Line volts
- Wiring: 14GA wires rated 150°C

CONTROLS

- Standard photocell and 7 pin receptacle

CERTIFICATIONS AND LISTINGS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- RoHS compliant
- IDA approved, 3000K and warmer CCTs only
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020. See Buy American Solutions

WARRANTY

- 5-year warranty

KEY DATA	
Lumen Range	1286-10,424
Wattage Range	28-84
Efficacy Range (LPW)	431-130.6
Reported Life (Hours)	L70/60,000
Weight	27 lbs 12.24 kg
EPS Front View / Side View	.09 / 0.9

Page 1 of 13

Rev 06/20/25

KL CCT1A2_spec_R06



currentlighting.com/kimlighting

© 2022 HL Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

DESCRIPTION

The Arbor Bollard from Invue brings architectural style to the pedestrian level. The Arbor Bollard can be used along with Arbor post top luminaires to provide a coordinated look sure to enhance any architectural setting. WaveStream™ LED optics present a pixilation free image replacing visible glare, while providing high levels of pavement illumination.

SPECIFICATION FEATURES

Construction

Top Housing: Low copper, cast aluminum top maintains strength and precision while providing for rapid heat dissipation, vandal resistance and superior day/night. Lower Housing: Heavy 0.188" wall seamless extruded aluminum 4" O.D. shaft attaches to base via stainless steel fasteners. BASE: Rugged corrosion resistant extruded aluminum base mounts to foundation with three anchor bolts. Base features a pliable 1/2" thick neoprene leveling pad fitted to the bottom of base allows for sealing against water and dirt ingress regardless of minor deviations in grade of concrete pad.

Optics

General purpose symmetric distribution is available using WaveStream LED optical technology. The optical waveguide is manufactured using precision injection molded acrylic for the ultimate level of glare control and visual comfort. Offered standard in 4000K (+/- 275K) CCT, optional 3000K minimum 80 CRI.

Electrical LED driver(s) are mounted to electrical tray for easy installation

and maintenance for 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. Offered standard with 0-10V dimming driver and Cooper Lighting Solutions' proprietary circuit module designed to withstand 10kV of transient line surge. Luminaire is suitable for ambient temperature applications from -30°C (-22°F) to 40°C (104°F) and IP66 rated against the ingress of dust and water.

Controls

The Arbor Bollard options are designed to be simple and cost-effective ASHRAE and California Title 24 compliant solutions. An integrated dimming and occupancy sensor is a standalone control option available in an off (MSP) and bi-level dimming (MSP/DIM) operation. An optional handheld remote (ISHH) allows custom programming to suit all needs.

Mounting Luminaire is mounted to 3 x 1/2" anchor bolts on a 2-3/8" bolt circle to withstand a 600 pound overturn moment. Order anchor bolts and installation template separately (ABAAnchor).

Finish Cooper Lighting Solutions utilizes premium ultra-weatherable TGIC

based polyester powder coatings that are specifically formulated to withstand extended outdoor exposure. The powders are formulated exclusively for Cooper Lighting Solutions to serve functionally as well as decorative. Good film appearance combined with excellent mechanical and 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. Options to meet Buy American Act requirements

Warranty Five-year warranty.

Invue

Catalog #	Type
Project	SB
Comments	Date
Prepared by	



ABB ARBOR
BOLLARD

PATHWAY LUMINAIRE

CERTIFICATION DATA



UL/cUL Listed
IP66 Enclosure
ISO 9001
RoHS
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
30°C Minimum Temperature
40°C Ambient Temperature Rating

Approximate Net Weight:
19.26 lbs. (8.76 kgs.)

TDS01002EN
December 3, 2021 8:30 AM

HAYMEADOW RMF 4 & 5

EAGLE, CO



STUDIO LIGHTNING
63 SUNSET DR.
BAILEY, CO 80421
303.242.1572

ISSUED FOR:	DATE:
PHOTOMETRIC	07/31/25
PHOTOMETRIC	12/23/25
PHOTOMETRIC	1/6/26

PROJECT:	25-048
----------	--------

LIGHTING DETAILS

LP2