

**PUBLIC NOTICE OF A MEETING
OF THE CITY COUNCIL OF PLEASANT VIEW CITY, UTAH**

October 22, 2019

Public Notice is hereby given that the City Council of Pleasant View, Utah will hold a Public Meeting in the city office at 520 West Elberta Dr. in Pleasant View, Utah on Tuesday, October 22, 2019, **commencing at 6:00 PM.**

The agenda consists of the following:

Pledge of Allegiance: Boyd Hansen

Opening Prayer, Reading or Expression of Thought: Boyd Hansen

Declaration of Conflicts of Interest

Comments/Questions for the Mayor & Council (public)

Youth City Council Report

Business:

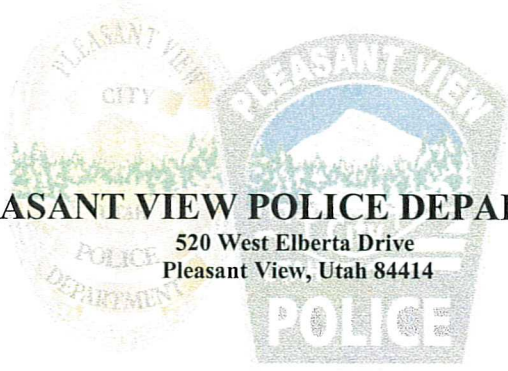
- 6:05 P.M. 1. Discussion and possible action to appropriate unclaimed property to the General Fund. *(Presenter: Marcie Stromberg)*
- 6:15 P.M. 2. Presentations on the Street Light Supplier for all new streetlights in Pleasant View City. *(Presenters: Codale Company & Stevens Sales Company)*
- 6:50 P.M. 3. Discussion and possible action to award the RFP for the Street Light Supplier for all new streetlights in Pleasant View City. *(Presenters: Dana Shuler & Bill Cobabe)*
- 7:00 P.M. 4. Discussion and possible action to approve a Water Infrastructure Ownership Transfer Agreement for Cherrywood Manor Phases 1, 2, and 3 located at approximately 1000 W above 3550 N. *(Presenter: Tyson Jackson)*
- 7:15 P.M. 5. Discussion and possible action to approve a resolution requesting the Recertification of the Pleasant View Justice Court, Resolution 2019-K. *(Presenter: Laurie Hellstrom)*
- 7:20 P.M. 6. Discussion and possible action to approve an agreement between Pleasant View City and BLXFIT, LLC at 2727 N Parkland Blvd. Tax ID#19-121-0007 regarding the regulating and control of storm and surface waters. *(Presenter: Bill Cobabe)*
- 7:30 P.M. 7. Closed Meeting.
8. Discussion and possible action from the closed meeting.

Other Business

Adjournment

The City Council at their discretion may change the order and times of the agenda items.

In compliance with the Americans with Disabilities Act, persons needing auxiliary services for these meetings should call the Pleasant View City Office at 801-782-8529, at least 24 hours prior to the meeting.



PLEASANT VIEW POLICE DEPARTMENT

520 West Elberta Drive
Pleasant View, Utah 84414

Ryon M. Hadley
Chief of Police

Phone (801) 782-6736
Fax (801) 782-2058

PUBLIC NOTICE

OCTOBER 10, 2019

The Pleasant View Police Department is preparing to release property that was reported as found property or unclaimed/no owner located property to Pleasant View City public interest use (§ 77-24a-5(4)). If you feel we have property that belongs to you, please contact the PVPD Evidence Custodian at 801-827-0456 no later than October 21, 2019.

10PV6561 1084.00 CASH



Summary

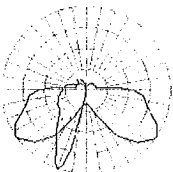
PLEASENTVIEW, UT
MAJOR STREET+INTERSECTION

PLEASENTVIEW, UT

Luminaire Summary

Luminaire Schedule					
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF
—E—	15	ATB2	SINGLE	N.A.	0.900
ATB2 80BLEDE85 R3 4K 5K 215W 26800LM					

Luminaire Images



PLEASEVIEW.UT

Luminaire Location Summary

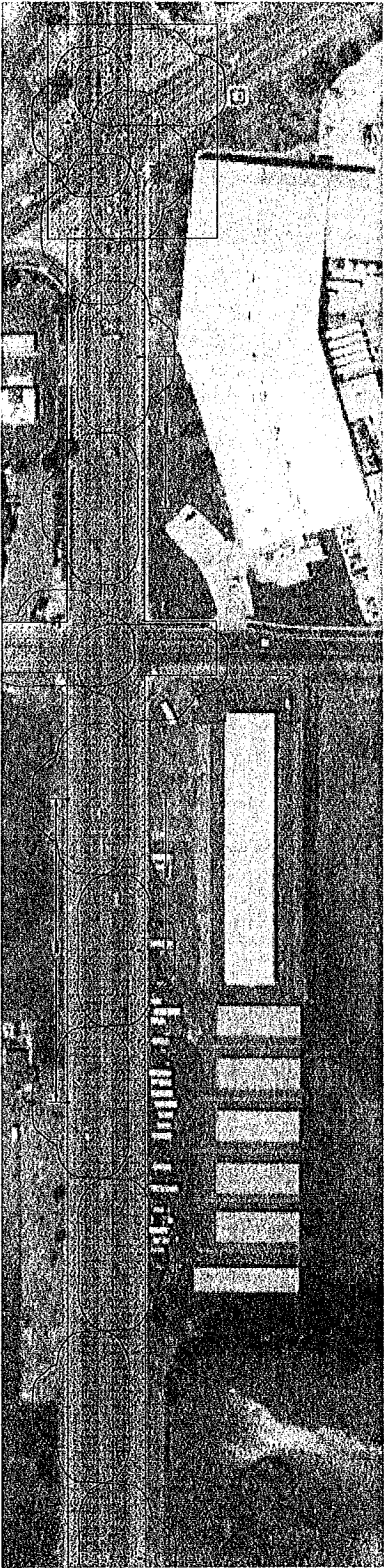
Coordinates in Feet

Luminaire Location Summary						
LumNo	Label	X	Y	Z	Orient	Tilt
1	ATB2	1013	839	35	0	0
2	ATB2	1155	849	35	270	0
8	ATB2	2189	832	35	270	0
9	ATB2	2588	832	35	270	0
10	ATB2	2989	832	35	270	0
12	ATB2	2789	721	35	90	0
13	ATB2	2389	721	35	90	0
14	ATB2	1989	721	35	90	0
17	ATB2	1847	842	35	180	0
18	ATB2	1751	719	35	0	0
21	ATB2	1406	832	35	270	0
22	ATB2	1606	734	35	90	0
23	ATB2	1238	733	35	90	0
24	ATB2	1098	721	35	91.736	0
25	ATB2	3189	721	35	90	0

Calculation Summary

Calculation Summary									
Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min		
INTERSECTION Planar	Illuminance	Fc	1.46	4.1	0.1	14.60	41.00		
ROADWAY Planar	Illuminance	Fc	0.95	3.7	0.1	9.50	37.00		

Viewpoint

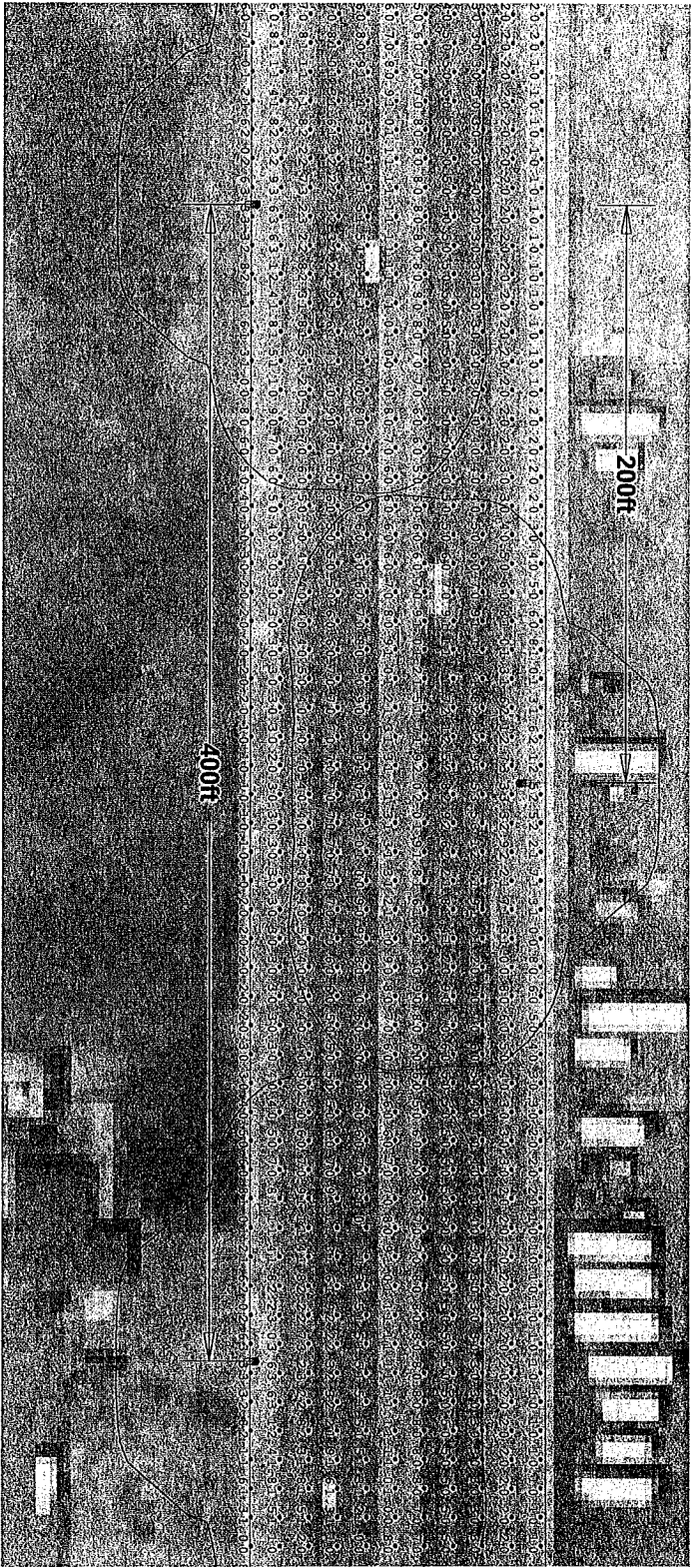


Geographic Summary			
State	County	City	Map
UT	Wasatch	Albany	100
Geographic Data			
Section	Range	Section	Range
10	10	10	10

Geographic Summary			
Section	Range	Section	Range
10	10	10	10
Geographic Data			
Section	Range	Section	Range
10	10	10	10

VIEWPOINT: MAJOR STREET PLAN
PLEASANTVIEW, UT

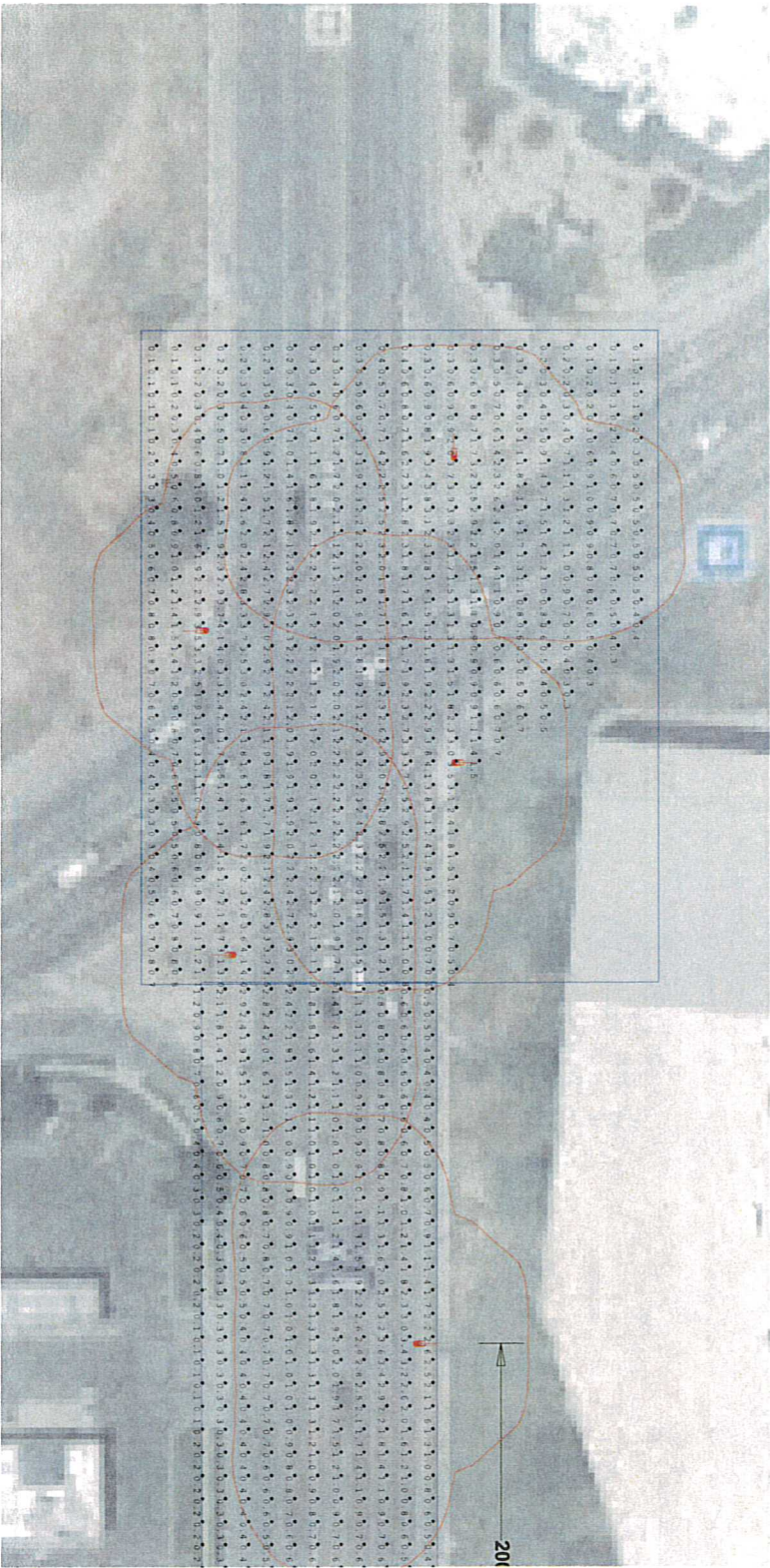
Viewpoint - Cont.



	Description
ig	ATB2 80BLEDE85 R3 4K_5K 215W 26800LM

VIEWPOINT: MAJOR STREET PLAN_1
PLEASANTVIEW, UT

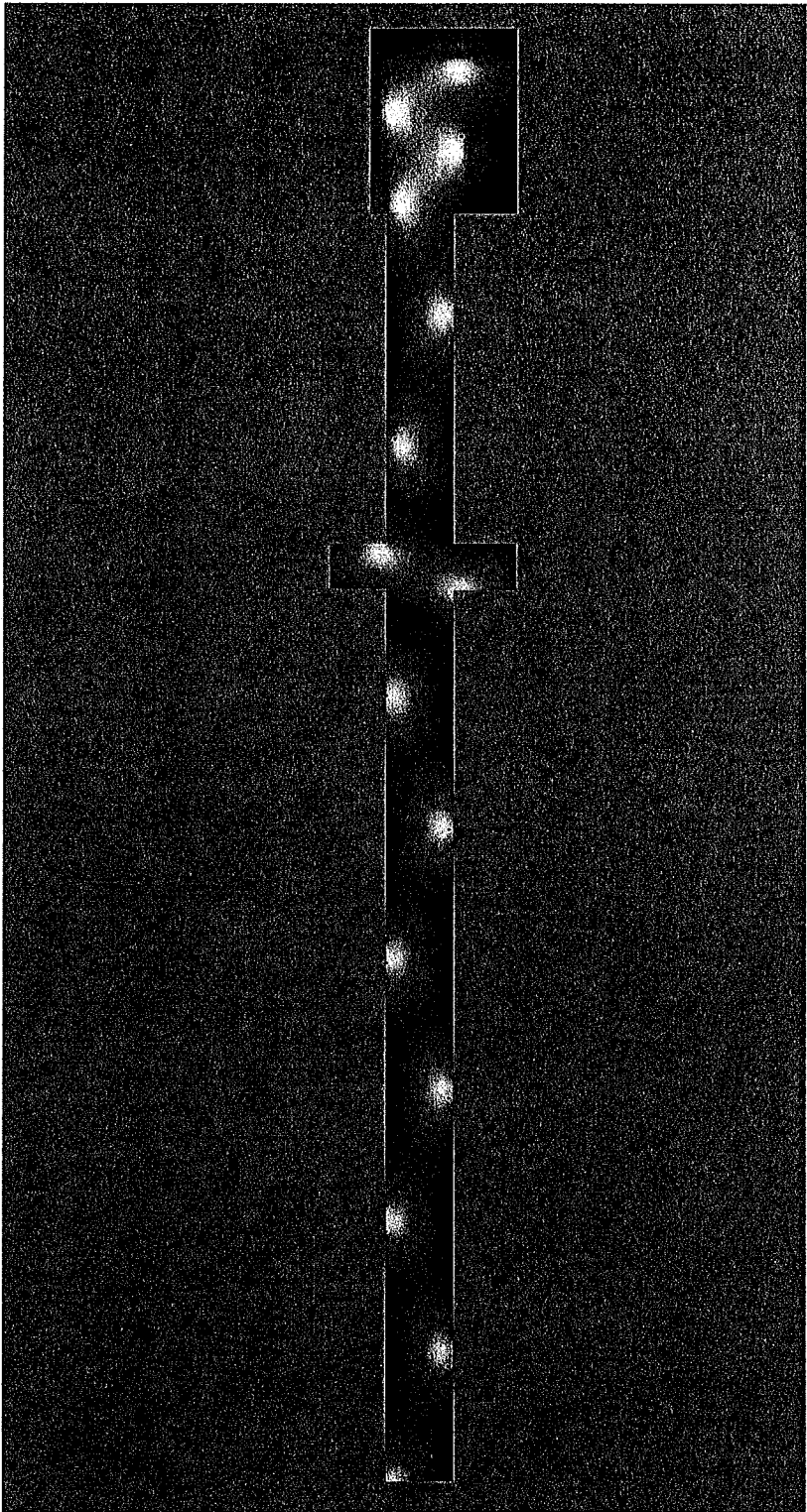
Viewpoint - Cont.



VIEWPOINT: MAJOR STREET PLAN_3
PLEASANTVIEW, UT

Calculation Summary	
Label	
INTERSECTION_Planar	

Render View



MAJOR STREET + INTERSECTION

PLEASANTVIEW, UT



City of Pleasant View, Utah

AEL & Holophane Product Review

Richard Weight

October 22, 2019



Introduction to Acuity Brands

#1 Manufacturer of lighting products in North America

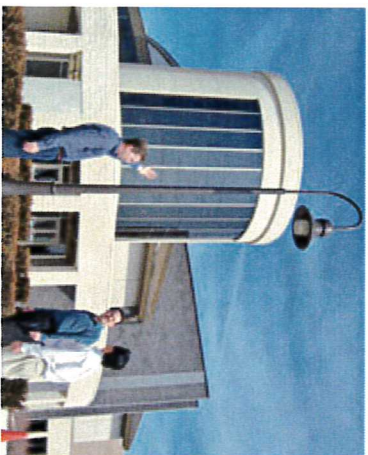
- Vertically Integrated Manufacturer
 - Net Sales: **\$3.9 Billion USD (FY19)**
 - 16 Manufacturing Facilities
 - 7,000 Associates
 - LED SMT and Driver Manufacturing
 - NRTL Testing and Lab Facilities
 - Customer Education Facilities
 - Lighting Software & Applications
 - Services Offering
 - IoT (Smart City/Smart Grid platforms)
- Most Extensive Solutions Portfolio
 - Leading provider of luminaires, controls, components, solutions and services



Market Leader



Value Added Service: Capabilities



Field Services:

- Commissioning Support
- Post Sales Field Support
- Warranty Service

FIELD SUPPORT

Dedicated Sales Force (Holophane):

- 200 Professionals in US and Canada, many NCQLP LC Certified
- Infrastructure Vertical Team
- Field Sales & Technical Resource
- Lighting Design, Application, and Specification Support
- Project Support
- Training & Education
- Field Sales & Technical Resource

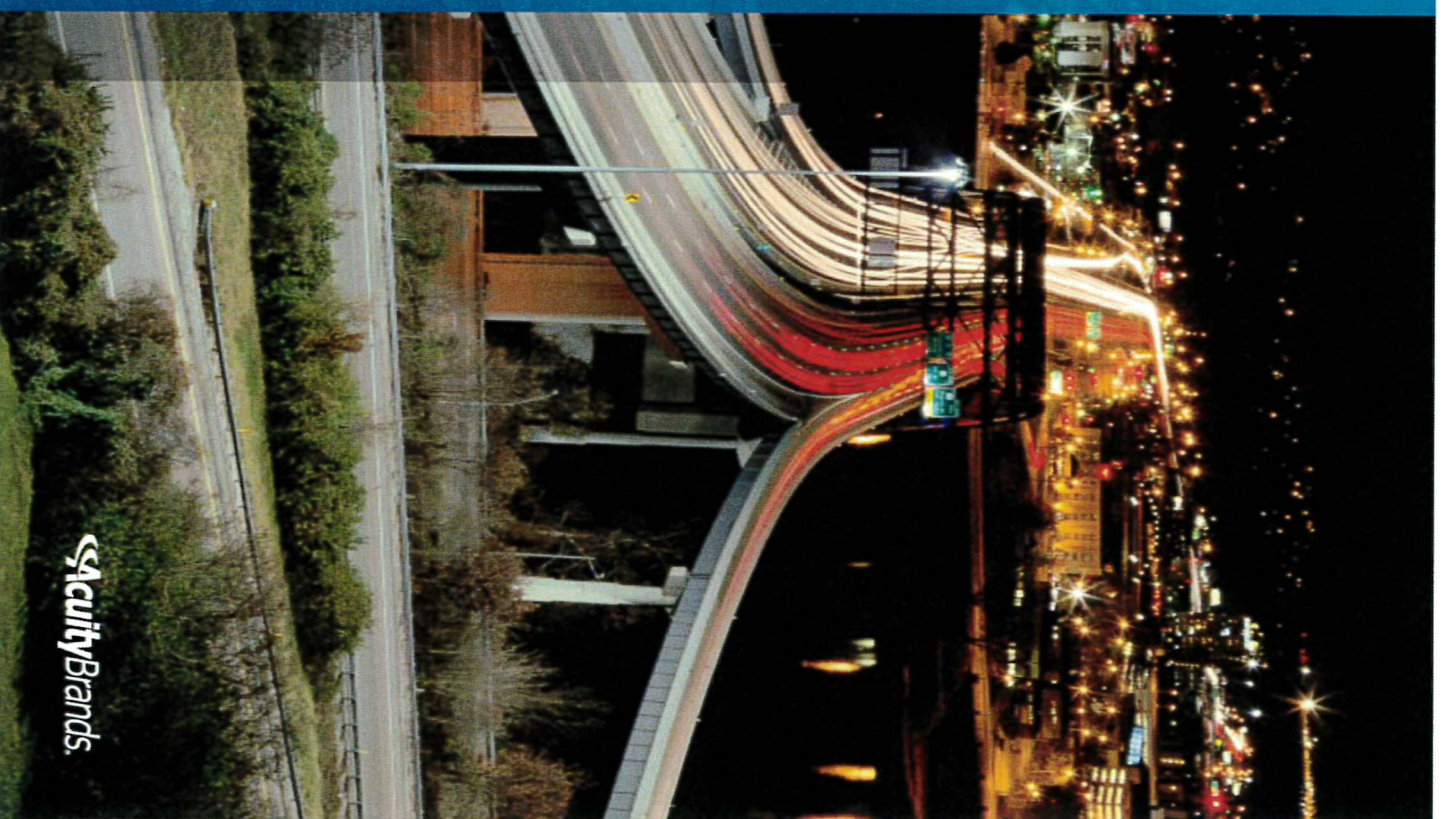


Owning the Infrastructure Segment - Complete Solutions!

COBRAHEADS	RESI / LANTERNS	DECORATIVE	AREA LIGHTING	SECURITY	SPECIALTY
		NEW	UPGRADE		



Infrastructure Outdoor Total Led Portfolio

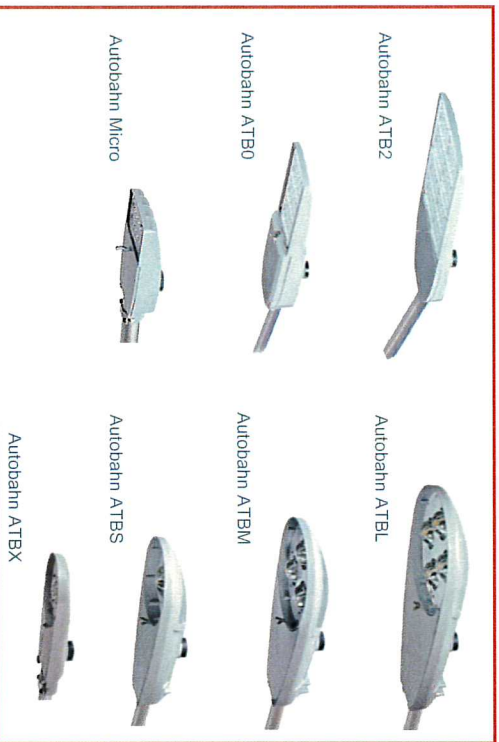


Acuity Brands.

Outdoor Infrastructure LED Product Portfolio – Roadway & Specialty



COBRAHEAD



FLOOD LIGHTING



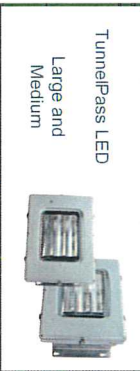
HIGH MAST



FLOOD LIGHTING



TUNNEL LIGHTING



PARKING GARAGE



SIGN LIGHTING



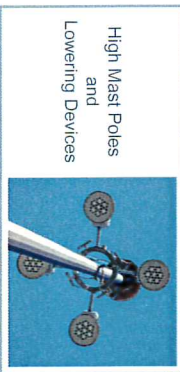
OFFSET Roadway



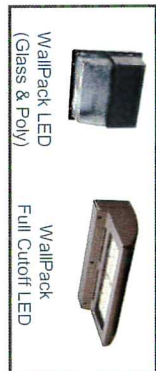
NEMA HEAD/Security



POLES & LOWERING DEVICES



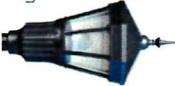
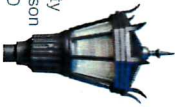
WALL PACKS



Pag

Outdoor Infrastructure LED Product Portfolio – Period Decorative



REFRACTOR LANTERNS	FULL CUTOFF	ACORNNS	PENDANTS
 Utility Arlington LED  Utility Jefferson LED  Utility Postop LED	 Utility Arlington LED - FCO  Utility Postop LED - FCO  Utility Washington LED FCO	 Classic Granville LED  Utility Granville LED  Washington Postile LED Glass & Acrylic  Madera LED	 Tear Drop LED II (Large)  Pedestrian Tear Drop LED  Glaswerks LED Series



ACORNNS	REFRACTOR LANTERNS	FULL CUTOFF POST LANTERNS
 HTFL	 245L  ARDL  AVPL2	 GRPL
	 245CL  ARDCL  AVPCL2	 GRPCL

The Benefits of LED Technology

Save Energy

- Greater system efficacy
- Maintained light levels

Save Maintenance Costs

- 20 year service life
- No lamp changes, no ballast changes
- No roadway closures

Improve Safety & Visibility

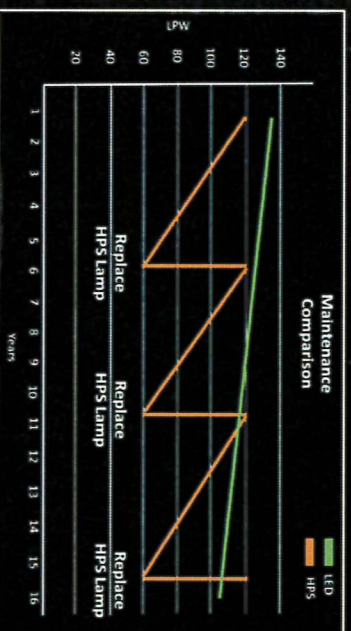
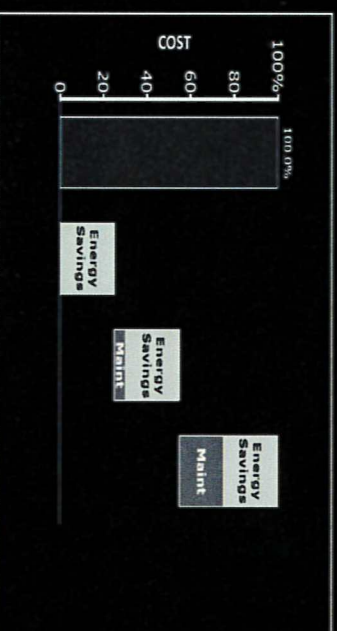
- Enhanced optics
- Better color rendering (CRI), improves visibility

Lower Environmental Impact

- Lower CO2 emissions
- Minimize light pollution

Greater Asset Management

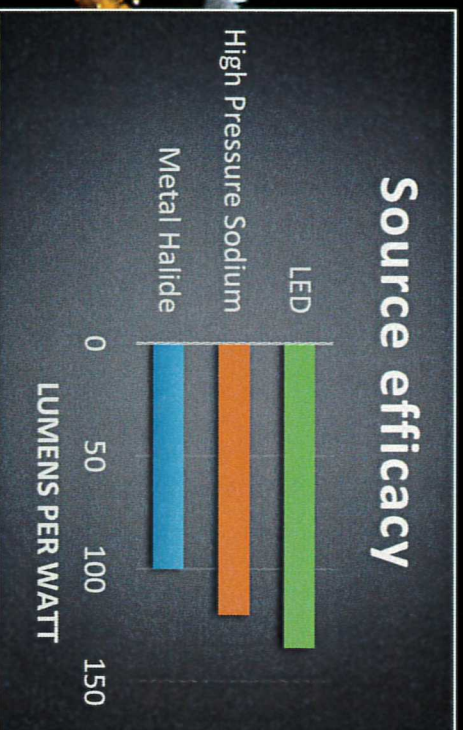
- Remote monitoring and metering capabilities
- Operational control with instant on, manual, or scheduled dimming



The Benefits of LED Technology

System efficacy

- More directional light source
- Less trapped light
- Less power supply losses



VS.



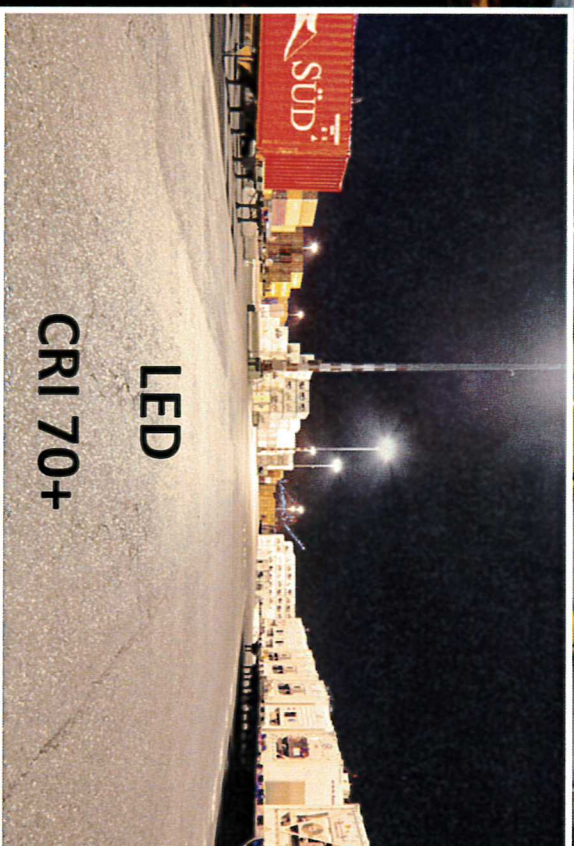
LEDs are a directional light source and while they have a better pure source efficacy than traditional HID lamps they have a much better system efficacy which accounts for trapped light, wasteful covers and shields, and power supply losses.

The Benefits of LED Technology

Quality of Light

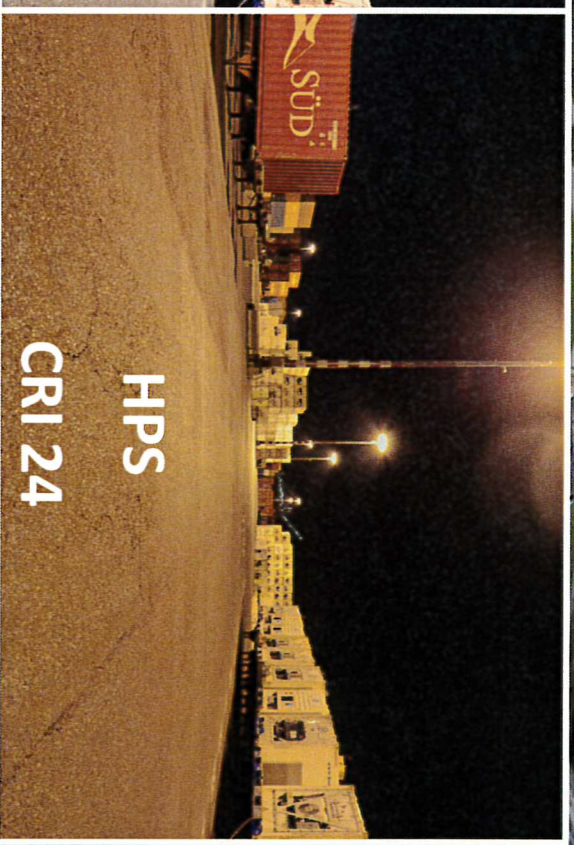
- Color
- Uniformity
- Full spectrum lighting, enhanced visual acuity

Better Color Rendering



LED

CRI 70+



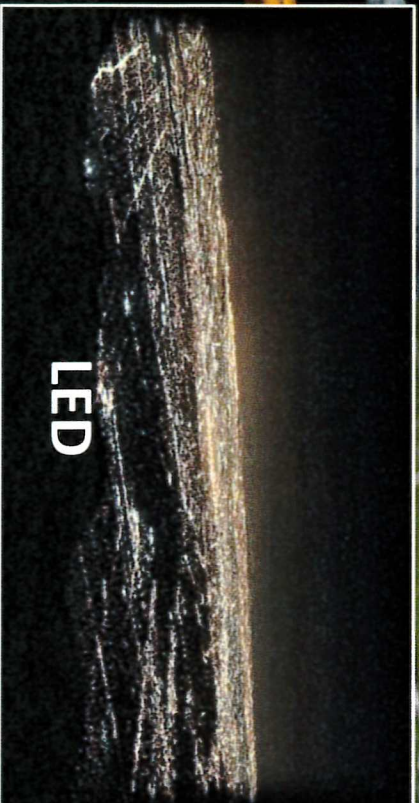
HPS

CRI 24

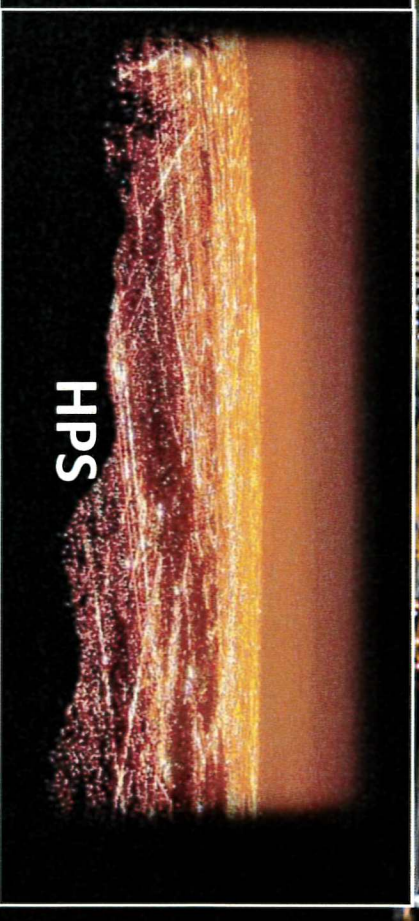
The Benefits of LED Technology

Environmentally Friendly

- Greater directional control
- Minimize light trespass
- Minimize glare
- Greatly reduce sky glow



LED



HPS

The Benefits of LED Technology

Asset Management

- Greater operational control with instant on/restrike
- Greater flexibility to set dimming schedules and manually operate luminaires individually or in groupings
- Monitoring, scheduling, and diagnostics from a central control point



Drawing Number: GEL-F2 P20 20K AS 2 B LS P7 LS2W1CA BKH GWLF200 SCA BK	
Type:	CHA 14 6SJ 16 P11 ABG BK
Notes:	

**Charleston Aluminum Pole
Lisbon Crossarm
Hallbrook® Extended Cover LED**

SPECIFICATIONS

FIXTURE

Hallbrook® Extended Cover LED
Type: GEL-F2 P20 20K AS 2 B LS P7
Source and Voltage: 420W Drive Current
Color Temperature: 3000K
Beam Spread: 120° Beam Angle (120-277)
Mounting Pendant: 1.5 MPF
Finish: Black
Optics: Type 2 Asymmetric Full Cutoff LED
Control: 0-10V Dimming
Photocell: None
Photocell Receptacle: 7 Position dimming photocell receptacle
Leads: None
Photocell: None
Control: 0-10V Dimming
Factory Programmed Driver: None
Part Night Dimming: None
Photocell: None
Fiber Finish: None
Fiber Photocell Receptacle: None
Fiber Photocell: None
Luminaire Weight: 46

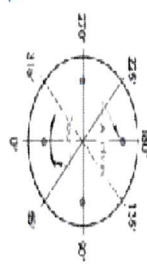
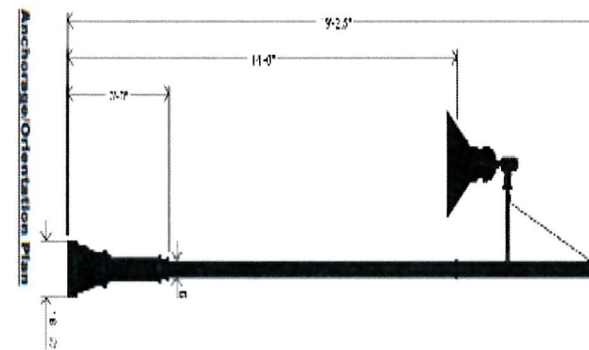
ARM / MOUNTING BRACKET

6'0" Long, 1.5" Wide, mounting for luminaire only. Oriented at 0 degrees.
Type: LISBON 25' Single
Prefix: Lisbon 25' Single
Arm Finish: Black
Arm Material: 6061-T6 Aluminum
Mounting Bracket: 6061-T6 Aluminum
Fiber Finish: Black
Fiber Photocell: None
Fiber Photocell Receptacle: None
Fiber Photocell: None
Luminaire Weight: 46

POLE

Charleston Aluminum Pole
Type: CHA 14 6SJ 16 P11 ABG BK 1
Height: 14 feet (Actual Height: 14'0")
Shank Size: 6SJ 5 inch diameter Smooth, .25 wall
Base: 16 inch Round Base
Finish: 16 inch Round Base
Fiber Photocell: None
Fiber Photocell Receptacle: None
Fiber Photocell: None
Base EPN: 4-2505555557
Base Weight: 50
Anchor Bolt: AB-31-4

Your Assembly Wind Load Status: Pass
Passed for wind speed: 50 MPH
For further details, review the Structural Analysis Report



Hand hole is at 0 deg.

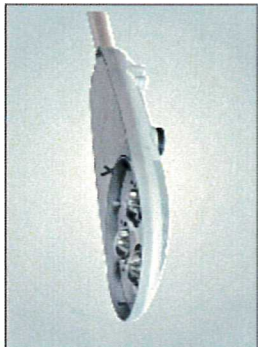
Customer Approval:

Signature: _____ Date: _____
Job Name: Product Basket
Client Name: _____
Created By: Richard Wright Date: 22-Oct-19
Dwg. # MLP-53071 Page: 2 of 2



Autobahn Series ATBM Roadway

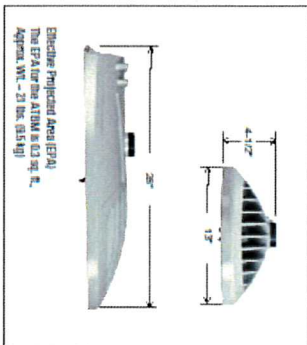
PRODUCT OVERVIEW



Applications:

Residential streets
Parking lots
High speed roadways

DIMENSIONS



Effective Projected Area (EPA)
Not EPA for an ATBM is 0.3 sq. ft.
Approx. (Wt. = 21 lbs. (9.5 kg))

STANDARDS

Color temperature of $\leq 3000\text{K}$ must be specified for International Dark Sky Association certification.

Rated for -49°C to 49°C ambient
CSA certified to U.S. and Canadian standards
Complies with MOA: C136.2, C136.10, C136.11, C136.31, C136.15, C136.37

Features:

OPTICAL

Same light performance is comparable to 150W - 250W HPS
White light. Correlated color temperature: $\sim 4000\text{K}$, 70 CRI minimum, 3000K, 70 CRI minimum or optional 5000K, 70 CRI minimum.
BPS rated borosilicate glass optics ensure longevity and minimize dirt deposition. Unique BPS rated LED light engines provide 9% spillage and restore backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing.
Available distributions are Type II, III, IV, & V roadway distributions.

ELECTRICAL

Expected life: LED light engines are rated $> 100,000$ hours at 25°C , L70.
Electronic driver has an expected life of 100,000 hours at a 25°C ambient.
Lower Energy: Saves an expected 40-60% over comparable HID luminaires.
Robust Surge Protection: Standard surge protection is 20kV/10kA. Extreme level per ANSI C136.2.
An optional MOV pack provides 10kV/5kA "Enhanced Level".

MECHANICAL

Includes standard AEI. Ilexona. Specialty features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easy leveling and installation.
Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rugged five-stage pre-brodding and painting process yields a finish that achieves a surface coverage rating of 8 (per ASTM D1554) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).
Mount arm mount is adjustable for arms from 1-1/4" to 2" (1.56" to 2.31" O.D.) diameter.
The 2" bolt and optional 4 ball damping mechanism provide 36 vibration rating per ANSI C136.
The Midline shield is cast into the housing (not a separate piece).

CONTROLS

NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.
Premium solid state locking style photocontrol - PCSI (10 year rated life) Extreme long life solid state locking style photocontrol - PCL (20 year rated life).
Extreme long life solid state locking style photocontrol with on demand remote on/off control - PCLC (15 year rated life).
Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.



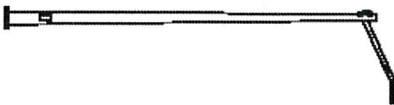
FRIAU

Anchor Base Poles/Mounting Arm(s) Combo

Round Toped Aluminum Pole

Single and Double Mounting

Arms at 20' to 40' from Mounting Heights



Custom Mounting
FRIAU 18 6E BMA US3 SB AB 1.2
18' POLE HEIGHT, 3' MAST ARM

Type

Grounding: (Relevant to local code) Grounding hardware is not included (grounding is site-specific).
Lead: (Lead is not included) (Lead is site-specific).
Lead: (Lead is not included) (Lead is site-specific).

Top: (Top is not included) (Top is site-specific).
Top: (Top is not included) (Top is site-specific).

Bottom: (Bottom is not included) (Bottom is site-specific).
Bottom: (Bottom is not included) (Bottom is site-specific).

Finish: (Finish is not included) (Finish is site-specific).
Finish: (Finish is not included) (Finish is site-specific).

Warranty: (Warranty is not included) (Warranty is site-specific).
Warranty: (Warranty is not included) (Warranty is site-specific).

Notes: (Notes are not included) (Notes are site-specific).
Notes: (Notes are not included) (Notes are site-specific).

Options: (Options are not included) (Options are site-specific).
Options: (Options are not included) (Options are site-specific).

Accessories: (Accessories are not included) (Accessories are site-specific).
Accessories: (Accessories are not included) (Accessories are site-specific).

Installation: (Installation is not included) (Installation is site-specific).
Installation: (Installation is not included) (Installation is site-specific).

Maintenance: (Maintenance is not included) (Maintenance is site-specific).
Maintenance: (Maintenance is not included) (Maintenance is site-specific).

Shipping: (Shipping is not included) (Shipping is site-specific).
Shipping: (Shipping is not included) (Shipping is site-specific).

Lead time: (Lead time is not included) (Lead time is site-specific).
Lead time: (Lead time is not included) (Lead time is site-specific).

Availability: (Availability is not included) (Availability is site-specific).
Availability: (Availability is not included) (Availability is site-specific).

Price: (Price is not included) (Price is site-specific).
Price: (Price is not included) (Price is site-specific).

Quantity: (Quantity is not included) (Quantity is site-specific).
Quantity: (Quantity is not included) (Quantity is site-specific).

Ordering: (Ordering is not included) (Ordering is site-specific).
Ordering: (Ordering is not included) (Ordering is site-specific).

Support: (Support is not included) (Support is site-specific).
Support: (Support is not included) (Support is site-specific).

Training: (Training is not included) (Training is site-specific).
Training: (Training is not included) (Training is site-specific).

Documentation: (Documentation is not included) (Documentation is site-specific).
Documentation: (Documentation is not included) (Documentation is site-specific).

Compliance: (Compliance is not included) (Compliance is site-specific).
Compliance: (Compliance is not included) (Compliance is site-specific).

Performance: (Performance is not included) (Performance is site-specific).
Performance: (Performance is not included) (Performance is site-specific).

Reliability: (Reliability is not included) (Reliability is site-specific).
Reliability: (Reliability is not included) (Reliability is site-specific).

Durability: (Durability is not included) (Durability is site-specific).
Durability: (Durability is not included) (Durability is site-specific).

Flexibility: (Flexibility is not included) (Flexibility is site-specific).
Flexibility: (Flexibility is not included) (Flexibility is site-specific).

Scalability: (Scalability is not included) (Scalability is site-specific).
Scalability: (Scalability is not included) (Scalability is site-specific).

Interoperability: (Interoperability is not included) (Interoperability is site-specific).
Interoperability: (Interoperability is not included) (Interoperability is site-specific).

Compatibility: (Compatibility is not included) (Compatibility is site-specific).
Compatibility: (Compatibility is not included) (Compatibility is site-specific).

Integration: (Integration is not included) (Integration is site-specific).
Integration: (Integration is not included) (Integration is site-specific).

Automation: (Automation is not included) (Automation is site-specific).
Automation: (Automation is not included) (Automation is site-specific).

Monitoring: (Monitoring is not included) (Monitoring is site-specific).
Monitoring: (Monitoring is not included) (Monitoring is site-specific).

Control: (Control is not included) (Control is site-specific).
Control: (Control is not included) (Control is site-specific).

Security: (Security is not included) (Security is site-specific).
Security: (Security is not included) (Security is site-specific).

Privacy: (Privacy is not included) (Privacy is site-specific).
Privacy: (Privacy is not included) (Privacy is site-specific).

Accessibility: (Accessibility is not included) (Accessibility is site-specific).
Accessibility: (Accessibility is not included) (Accessibility is site-specific).

Usability: (Usability is not included) (Usability is site-specific).
Usability: (Usability is not included) (Usability is site-specific).

Learnability: (Learnability is not included) (Learnability is site-specific).
Learnability: (Learnability is not included) (Learnability is site-specific).

Efficiency: (Efficiency is not included) (Efficiency is site-specific).
Efficiency: (Efficiency is not included) (Efficiency is site-specific).

Effectiveness: (Effectiveness is not included) (Effectiveness is site-specific).
Effectiveness: (Effectiveness is not included) (Effectiveness is site-specific).

Productivity: (Productivity is not included) (Productivity is site-specific).
Productivity: (Productivity is not included) (Productivity is site-specific).

Quality: (Quality is not included) (Quality is site-specific).
Quality: (Quality is not included) (Quality is site-specific).

ORDERING INFORMATION				
Lead times will vary depending on options selected. Consult with your sales representative.				
Example: FRIAU 20 6E BMA US3 SB				
Series	Mounting Height	Mounting Arm Size	Mounting Arm Thickness	Options
FRIAU	20 25 30 35 40	20 feet 25 feet 30 feet 35 feet 40 feet	6.0" x 4.0" x 1.50" 7.0" x 4.0" x 1.50" 8.0" x 4.5" x 1.50" 9.0" x 4.5" x 1.80" 10.0" x 4.5" x 2.00"	AB Festium base 2 Full base cover 3 Weather damp 4 Temper proof
	45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120	45 feet 50 feet 55 feet 60 feet 65 feet 70 feet 75 feet 80 feet 85 feet 90 feet 95 feet 100 feet 105 feet 110 feet 115 feet 120 feet	11.0" x 4.5" x 2.00" 12.0" x 4.5" x 2.00" 13.0" x 4.5" x 2.00" 14.0" x 4.5" x 2.00" 15.0" x 4.5" x 2.00" 16.0" x 4.5" x 2.00" 17.0" x 4.5" x 2.00" 18.0" x 4.5" x 2.00" 19.0" x 4.5" x 2.00" 20.0" x 4.5" x 2.00" 21.0" x 4.5" x 2.00" 22.0" x 4.5" x 2.00" 23.0" x 4.5" x 2.00" 24.0" x 4.5" x 2.00" 25.0" x 4.5" x 2.00"	AB Festium base 2 Full base cover 3 Weather damp 4 Temper proof
	125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200	125 feet 130 feet 135 feet 140 feet 145 feet 150 feet 155 feet 160 feet 165 feet 170 feet 175 feet 180 feet 185 feet 190 feet 195 feet 200 feet	26.0" x 4.5" x 2.00" 27.0" x 4.5" x 2.00" 28.0" x 4.5" x 2.00" 29.0" x 4.5" x 2.00" 30.0" x 4.5" x 2.00" 31.0" x 4.5" x 2.00" 32.0" x 4.5" x 2.00" 33.0" x 4.5" x 2.00" 34.0" x 4.5" x 2.00" 35.0" x 4.5" x 2.00" 36.0" x 4.5" x 2.00" 37.0" x 4.5" x 2.00" 38.0" x 4.5" x 2.00" 39.0" x 4.5" x 2.00" 40.0" x 4.5" x 2.00" 41.0" x 4.5" x 2.00"	AB Festium base 2 Full base cover 3 Weather damp 4 Temper proof



CODALE

A Sonepar Company

Pleasant View City,

Codale electric supply intends to participate in the street lighting supplier RFP. Codale intends to fully comply with all terms and conditions of the RFP.

John Neal being employed by Codale electric supply has full authorization to submit in behalf of Codale electric supply.

Dustin Johnson- Codale Ogden branch manager:

A handwritten signature in black ink, appearing to read 'Dustin Johnson', with a long horizontal flourish extending to the right.

Key Contact:

John Neal

Account manager

3083 Scott Lane, Ogden, Utah 84401

(801) 707-3859

johnnn@codale.com



CODALE

A Sonepar Company

I. AFFIRMATIVE ACTION PROGRAM FOR WOMEN AND MINORITIES

Codale Electric Supply, Inc.
Company

Corporate
Establishment

5225 West 2400 South
Street Address

Salt Lake City UT 841210
City and State

Inclusive Dates of the AAP: **January 1, 2019 to December 31, 2019**

Program Completed by: **Glenden Brown, Director of Human Resources**

Telephone Number: **801-954-7011**

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CONFIDENTIALITY OF RECORDS

This affirmative action program contains confidential, trade secret and commercial information protected from disclosure by the Office of Federal Contract Compliance Programs pursuant to 18 U.S.C. 1905. In addition, exemptions 3 and 4 of the Freedom of Information Act (FOIA) protect information in this document from mandatory disclosure to FOIA requestors. See, e.g., *Chrysler v. Brown*, 441 U.S. 281 (1979). The release of any trade secret, confidential statistical or commercial information would be arbitrary and capricious in violation of the Administrative Procedure Act. See, e.g., *CAN Financial Corp. v. Donovan*, 830 F.2d 1132, 1144 and N.73 (D.C. Cir.), cert. Denied, 485 U.S. 977 (1988).

If supplied to a public official or representative of a governmental agency, whether pursuant to review proceedings or otherwise, it is understood that it is for review only, or examination for authorized purposes and may not be retained, copied or made available to others without receipt of express written permission of a duly authorized representative of our firm.

PRELIMINARY STATEMENT

This affirmative action program has been voluntarily prepared as a reaffirmation of the company's commitment to equal employment opportunity and affirmative action. In preparation of the Program, the terminology used in Executive Order 11246 and its implementing regulations has been used as a guide. Therefore, the use of such terms as "placement goal", "expected number", "problem area", "utilization", "distribution", etc., should not be construed as an admission that in fact either minorities or women have been or presently are being discriminated against in any way in violation of federal, state or local fair employment practice laws. Further, nothing contained in this material or the data supporting this program should be construed as an admission that any such federal, state or local fair employment practice laws have been contravened.

In developing and implementing this program, the company has been guided by its established policy of providing equal employment opportunity. Any goals, which are established herein, are not intended as rigid, inflexible quotas that must be met, but rather as targets reasonably attainable by applying every good faith effort in implementing its affirmative action program. The use of goals in this program is not intended to discriminate against any individual or group of individuals with respect to any employment opportunity for which they are qualified on the grounds that they are not the beneficiaries of affirmative action themselves. Nothing herein is intended to sanction the discriminatory treatment of any person. Thus, this plan has been developed in strict reliance upon the affirmative action guidelines issued by the Equal Employment Opportunity Commission (EEOC) and the regulations issued by the Department of Labor's Office of Federal Contract Compliance Programs (OFCCP).

COMPLIANCE OF PERSONNEL POLICIES AND PRACTICES
WITH THE SEX DISCRIMINATION GUIDELINES
41CFR 60-20

The company's personnel policies and practices are monitored to ensure that they are in keeping with the letter and spirit of applicable EEO regulations and the affirmative action program. It is expressly stated that there shall be no discrimination against any employee or applicant on account of sex.

It is the policy of this company to recruit employees of both sexes for all jobs. Newspaper and other media advertisements for employment opportunities do not express a gender preference and in fact carry an affirmative action statement.

When dealing with a bargaining unit for employees, if there is a written agreement on conditions of employment, such agreement does not contain language that is discriminatory on the basis of sex. The company insists that employees of both sexes have equal opportunities to any available job that he or she is qualified to perform. The company and this facility have instituted personnel policies and practices which ensure that employment opportunities, wages, hours, or other conditions of employment are not discriminatory to either sex; this includes employer contributions for insurance, pensions, and other similar group benefits.

There is no distinction between married and unmarried persons of one sex that is not made between married and unmarried persons of the opposite sex. Employment is not denied to women with young children. Employees of one sex are not given any preferential treatment over the other sex in cases of termination, layoff or other similar actions. Physical facilities are made available to employees of both sexes. The company does not follow any state guidelines on sex limitations if they are contrary to federal regulations issued by appropriate compliance agencies. Women are not denied particular jobs because of any state "protective" laws.

Female employees are not penalized in their conditions of employment because they require time away from work on account of childbearing. Women are granted medical leaves of absence upon evidence from the woman and her physician that she is pregnant. The start of the medical leave is left up to the employee and her physician. The female employee on medical leave is entitled to return to work to her former position or a position similar in status and wages for which she is eligible. She continues to accrue credited service while on leave.

The company pension program provides no age distinction for male or female employees in either mandatory or optional retirement. Neither wage and salary scales nor seniority lists are related to or based upon the sex of employees.

**COMPLIANCE OF PERSONNEL POLICIES WITH GUIDELINES ON
DISCRIMINATION BECAUSE OF RELIGION OR NATIONAL ORIGIN**

41 CFR 60-50

Discrimination in any term or condition of employment with the company on the basis of religion and/or national origin has always been and will continue to be prohibited.

As such, we do not seek or request information regarding the religious beliefs and/or national origin from any employee or applicant.

This policy is published and publicized internally and externally. Internally, our policy prohibiting discrimination on the basis of religion and national origin is included in all posted Equal Employment Opportunity policy statements. Similarly all recruiting sources are directed to refer applicants without regard to religion or national origin.

In keeping with this policy, reasonable accommodations are made for individual religious observances and practices unless such an accommodation would impose an undue hardship on the conduct of our business. Generally, we will try to make reasonable accommodations to the religious observances and practices of any employee who regularly observes Friday evening and Saturday, or some other day of the week, as Sabbath and/or who observes certain religious holidays during the year and is conscientiously opposed to performing work or engaging in similar activity on such days. In determining the extent of the hardship imposed, we may consider business necessity, financial costs and expenses, and employee relations.

RESPONSIBILITIES FOR IMPLEMENTATION OF
EEO POLICY
41 CFR 60-2.17(a)

With the support of senior management, Glenden Brown, Director of Human Resources , has overall primary responsibility for implementation of the company's EEO policy and affirmative action program. All employees are responsible to cooperate with this person and act in accordance with the prescribed policies and procedures. All members of management are familiar with the policy, fully support it, and apply these principles in good faith.

To ensure compliance with the Equal Employment Opportunity policy and affirmative action program, Glenden Brown, and/or designated staff, will as appropriate:

1. Develop policy statements and internal and external modes of communication;
2. Conduct regular discussions with managers, supervisors, and other employees to be certain the company's policies are being followed;
3. Advise supervisors that they are responsible for complying with company policies;
4. Implement audit and reporting systems that will measure the effectiveness of the affirmative action program, identify the need for action areas, determine the degree to which the company's goals and objectives have been attained, and ensure that the company is in compliance with applicable employment laws and regulations;
5. Advise management regarding the effectiveness of the affirmative action program and offer suggestions for remedial action if warranted;
6. Keep management informed of the latest developments in the areas of affirmative action and equal employment opportunity.

RACE & SEX CODES

1. **White (not Hispanic or Latino)** – A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.
2. **Black or African American (not Hispanic or Latino)** - A person having origins in any of the Black racial groups of Africa.
3. **Hispanic or Latino** – A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.
4. **Asian (not Hispanic or Latino)** – A person having origins in any of the original peoples of the Far East, Southeast Asian, or the Indian Subcontinent including for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
5. **American Indian or Alaskan Native (not Hispanic or Latino)** – A person having origins in any of the original peoples of North America and South America (including Central America), and who maintains tribal affiliation or community attachment.
6. **Native Hawaiian or Other Pacific Islander (not Hispanic or Latino)** – A person having origins in any of the peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
7. **Two or More Races** – All persons who identify with more than one of the above five races.

SEX CODES

M **Male** F **Female**

EEO-1 JOB CATEGORIES

- 1.1 **Executive/Senior Level Officials and Managers** – Individuals who plan, direct and formulate policies, set strategy and provide the overall direction of organizations. Example: chief executive officers, chief operating officers, chief financial officers, line of business heads, presidents or executive vice presidents, chief information officers, chief HR officers, chief marketing officers, chief legal officers, management directors and managing partners.
- 1.2 **First/Mid Level Officials and Managers** – Managers other than Executive/Senior Level. Managers who lead major business units implementing policies, programs, and directives of executive/senior managers through subordinate managers. Example: VPs and directors; group, regional or divisional controllers; treasurers; human resources, information systems, marketing, and operations managers. Those who report directly to middle managers are also included. These individuals serve at functional, line of business segment or branch levels and are responsible for directing and executing day-to-day operational objectives. Example: first-line, team, unit, operations & production, branch, administrative services, purchasing & transportation, storage & distribution, call center or customer service, technical support, and brand or product managers.
2. **Professional** – Jobs requiring bachelor or graduate degrees and/or professional certification or comparable experience. Example: accountants & auditors; airplane pilots & flight engineers; architects; artists; chemists; computer programmers; designers; dietitians; editors; engineers; lawyers; librarians; mathematical scientists; natural scientists; registered nurses; physical scientists; physicians & surgeons; social scientists; teachers; and surveyors.
3. **Technicians** – Jobs requiring applied scientific skills usually obtained by post-secondary education of varying lengths. Example: drafters; emergency medical technicians; chemical technicians; and broadcast & sound engineering technicians.
4. **Sales Workers** – Non-managerial activities that wholly or primarily involve direct sales. Example: advertising sales agents; insurance sales agents; real estate brokers & sales agents; wholesale sales representatives; securities, commodities, and financial services sales agents; telemarketers; demonstrators; retail salespersons; counter and rental clerks; and cashiers.
5. **Administrative Support Workers** – Jobs involving non-managerial tasks providing administrative and support assistance, primarily in office settings. Example: office & administrative support workers; bookkeeping, accounting & auditing clerks; cargo & freight agents; dispatchers; couriers; data entry keyers; computer operators; shipping, receiving & traffic clerks; work processors & typists; proofreaders; desktop publishers; and general office clerks.
6. **Craft Workers** – Higher skilled occupations in construction (building trades craft workers and their formal apprentices) and - natural resource extraction workers; jobs related to the installation, maintenance and part replacement of equipment, machines & tools; and some production occupations that are distinguished by the high degree of skill and precision required to perform them based on clearly defined task specifications. Example: boilermakers; brick & stone masons; carpenters; electricians; painters; glaziers; plumbers, pipefitters & steam fitters; roofers; elevator installers; earth drillers; oil & gas rotary drill operators; blasters & explosive workers; automotive mechanics; aircraft mechanics; electric & electronic equipment repairers; millwrights; etchers & engravers; tool & die makers; and pattern makers.
7. **Operatives** – Jobs involving operation of machines or factor-related processing equipment or operating and controlling equipment to facilitate the movement of people or materials. These occupations require intermediate skill level and usually do not require more than several months of training. Example: textile machine operators; laundry & dry cleaning workers; photographic process works; weaving machine operators; electrical & electronic equipment assemblers; semiconductor processors; testers; graders & sorters; bakers; butchers; and other meat, poultry & fish processing workers; bridge & lock tenders; truck, bus or taxi drivers; industrial truck & tractor (forklift) operators; parking lot attendants; sailors; conveyor operations; and hand packers & packagers.
8. **Laborers and Helpers** – Jobs requiring limited skills and only brief training to perform tasks that require little or no independent judgment. Example: production & construction worker helpers; vehicle & equipment cleaners; laborers; freight, stock & material movers; service station attendants; construction laborers; refuse & recyclable materials collectors; septic tank servicers; and sewer pipe cleaners.
9. **Service Workers** – Jobs including food service, personal service, cleaning service, and protective service activities. Skill may be acquired through formal training, job-related training or direct experience. Example: Cooks; bartenders; other food service workers; medical assistants and other healthcare support occupations; hairdressers; ushers; transportation attendants; cleaners; janitors; porters; transit and railroad police and fire fighters; guards; private detectives and investigators.

PROBLEM AREAS

41 CFR 60-2.17(b)

This establishment conducts in-depth analyses of its total employment process to determine whether and where impediments to equal employment opportunity exist. These analyses include evaluation of the following:

- (1) Workforce by organizational unit and job group to determine whether there are any problems with utilization or distribution of minorities or women;
- (2) Personnel activity, including applicant flow, hires, terminations, and promotions to determine whether there are selection disparities;
- (3) Compensation systems to determine whether there are gender-, race-, or ethnicity-based disparities;
- (4) Selection, recruitment, and other personnel procedures to determine whether they result in disparities in the employment or advancement of minorities or women; and
- (5) Other areas that might impact the success of the affirmative action program.

Job groups where underutilization of minorities or women exists are identified in the "Placement Goals" section of this AAP.

During the year, every good faith effort will be made to meet these placement goals as opportunities arise in recruiting, promoting, and transferring. Our ultimate goal is to reach and maintain 100% availability in all job groups.

ACTION-ORIENTED PROGRAMS

41 CFR 60-2.17(c)

This establishment is committed to increasing the diversity of its workforce and to promoting equal employment opportunity for all at all levels of the organization. It undertakes affirmative steps to reach the placement goals identified while continuing to hire and promote the best qualified people to carry out its mission.

The following are among the action-oriented programs designed to eliminate problems and attain goals and objectives:

- Continue to recruit minorities and women in percentages consistent with their availability; maintain records of all applicants; conduct an adverse impact analysis to determine if minorities and women are applying in insufficient numbers.
- Recruit for a diverse pool of applicants through the employment service delivery system, diversity recruiting events, target schools, and job postings in a variety of media which targets minorities, women, veterans, and individuals with disabilities.
- Select qualified individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, marital status, genetic information, disability or protected veteran status or any other status or characteristic protected by federal, state, or local law. When apparently qualified minority or female employees are rejected for promotion or upgrading, supervisory personnel provide justification.
- Train human resources personnel in affirmative action best practices.
- Provide human resources related training to managers and supervisors.
- Train all employees in non-discrimination, anti-harassment, and company values.
- Ensure that facilities and company sponsored social and recreational activities are not segregated and encourage all employees to participate in all company sponsored events. (41 CFR 60-1.8)

AUDIT AND REPORTING
41 CFR 60-2.17(d)

This establishment monitors the effectiveness of its affirmative action program.

This establishment's EEO coordinator will:

- (1) Monitor records of all personnel activity, including referrals, placements, transfers, promotions, terminations, and compensation, at all levels to ensure the non-discriminatory policy is carried out;
- (2) Require internal reporting on a scheduled basis as to the degree to which equal employment opportunity and organizational objectives are attained;
- (3) Review report results with all levels of management; and
- (4) Advise top management of program effectiveness and submit recommendations to improve unsatisfactory performance.



CODALE

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II. AFFIRMATIVE ACTION PROGRAM FOR INDIVIDUALS WITH DISABILITIES

Codale Electric Supply, Inc.
Company

Corporate
Establishment

5225 West 2400 South
Street Address

Salt Lake City UT 841210
City and State

Inclusive Dates of the AAP: January 1, 2019 to December 31, 2019

Program Completed by: Glenden Brown, Director of Human Resources

Telephone Number: 801-954-7011

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DEFINITIONS

41 CFR 60-741.2

For the purpose of implementing the affirmative action program, the following definitions apply:

"Disability" means with respect to an individual: (i) A physical or mental impairment that substantially limits one or more major life activities of such individual; (ii) A record of such impairment; or (iii) Being regarded as having such an impairment. 41 CFR 60-741.3 lists exceptions: individuals currently engaging in the illegal use of drugs; alcoholics whose current use of alcohol prevents such individual from performing the essential functions of the job; or those with a contagious disease which would constitute a direct health threat. The term impairment as defined in this part does not include homosexuality, bisexuality, transvestitism, transsexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments, or other sexual behavior disorders; compulsive gambling, kleptomania, or pyromania; or psychoactive substance use disorders resulting from current illegal use of drugs.

"Essential functions" are fundamental job duties of the employment position the individual with a disability holds or desires. Reasons a job function may be considered essential include but are not limited to (1) the reason the position exists is to perform that function, (2) there are a limited number of employees available among whom the performance of that job function can be distributed, and/or (3) the function is so highly specialized that the incumbent in the position is hired for his or her expertise or ability to perform that particular function.

"Major life activities" means functions such as caring for oneself, performing manual tasks, seeing, hearing, eating, sleeping, walking, standing, sitting, reaching, lifting, bending, speaking, breathing, learning, reading, concentrating, thinking, communicating, interacting with others, and working. For the purpose of Section 503 of the Act, primary attention is given to those life activities that affect employability.

"Physical or mental impairment" means (1) any physiological disorder, or condition, cosmetic disfigurement, or anatomical loss affecting one or more of the following body systems: neurological, musculoskeletal, special sense organs, respiratory (including speech organs), cardiovascular, reproductive, digestive, genitourinary, hemic and lymphatic, skin, and endocrine; or (2) any mental or psychological disorder, such as an intellectual disability (formerly termed mental retardation), organic brain syndrome, emotional or mental illness, and specific learning disabilities.

"Qualified individual" means an individual who satisfies the requisite skill, experience, education and other job-related requirements of the employment position such individual holds or desires, and who, with or without reasonable accommodation, can perform the essential functions of such position.

"Reasonable accommodation" means: (1) modifications to a job application process that enable a qualified applicant with a disability to be considered for the position such applicant desires; (2) modifications to the work environment or to the manner or circumstances under which the position is customarily performed that enable a qualified individual with a disability to perform the essential functions of that position; or (3) modifications that enable the employee with a disability to enjoy equal benefits and privileges of employment as are enjoyed by other similarly situated employees without disabilities.

"Record of such impairment" means has a history of, or has been misclassified as having, a mental or physical impairment that substantially limits one or more major life activities. An individual shall be considered to have a record of a disability if the individual has a history of an impairment that substantially limited one or more major life activities when compared to most people in the general population, or was misclassified as having had such an impairment.

"Regarded as having such an impairment" except in the case of impairments that are both "minor" and "transitory", occurs any time a prohibited action is taken against the individual because of an actual or perceived impairment. Prohibited actions include but are not limited to refusal to hire, demotion, placement on involuntary leave, termination, exclusion for failure to meet a qualification standard, harassment, or denial of any other term, condition, or privilege of employment.

"Substantially limits" shall be construed broadly in favor of expansive coverage, to the maximum extent permitted by law. Substantially limits is not meant to be a demanding standard and should not demand extensive analysis. An impairment is substantially limiting within the meaning of this section if it substantially limits the ability of an individual to perform a major life activity as compared to most people in the general population.

MEDICAL EXAMINATIONS AND INQUIRIES

41 CFR 60-741.23

As part of its employment process, this company may make inquiries into the ability of an applicant to perform job-related functions, and/or may ask an applicant to describe or demonstrate how, with or without reasonable accommodation, the applicant will be able to perform job-related functions.

Employment entrance examinations (and/or inquiries) are not given unless all entering employees in the same job category are subjected to such an examination (and/or inquiry) regardless of disability.

Job-related medical exams may be required of employees if they are consistent with business necessity. Inquiries may be made into the ability of employees to perform job-related functions.

If the results of such examinations are used to screen out applicants or employees with disabilities, it will be demonstrated that the exclusionary criteria are job-related and consistent with business necessity, and that performance of the essential job functions cannot be accomplished with reasonable accommodations as required in this part.

Information obtained regarding the medical condition or history of any applicant or employee shall be collected and maintained on separate forms and in separate medical files and treated as a confidential medical record, except that:

A manager or supervisor is to be informed regarding any restrictions on the work or duties of the applicant or employee and necessary accommodations;

First aid and personnel are to be informed when appropriate, if the disability might require emergency treatment; and,

Government officials engaged in enforcing the laws administered by the OFCCP, or enforcing the Americans with Disabilities Act, as amended, shall be provided relevant information on request.

Information obtained regarding the medical condition or history of any applicant or employee shall not be used for any purpose inconsistent with this part.

AVAILABILITY OF THE AFFIRMATIVE ACTION PROGRAM
41 CFR 60-741.40, 60-741.41

This written affirmative action program is designed solely for individuals with disabilities.

This affirmative action program will be reviewed and updated annually by the official designated pursuant to 60-741.44(i). Any significant changes in the program, including employees' benefits or rights, will be communicated to employees.

All employees have been informed through posting on bulletin boards of the affirmative action policy toward individuals with disabilities.

Employees who believe themselves covered by the Rehabilitation Act have been informed that they can identify themselves at any time and ask to be included in the program.

This facility's full affirmative action program, absent the data metrics required by 60-741.44(k), shall be available in the Human Resources department for inspection during regular business hours upon request by any employee or applicant.

INVITATION TO SELF-IDENTIFY
41 CFR 60-741.42

Applicants who believe they are an individual with a disability as defined in 60-741.2(g)(1)(i) or (ii) are invited to voluntarily self-identify as such at the time they apply or are considered for employment. The invitation may be at the same time race and gender information is requested but is separate from the application.

Once an employment offer has been made but before job duties begin, applicants are invited to self-identify.

Employees are invited to voluntarily self-identify if they believe themselves to be an individual with a disability as defined in 60-741.2(g)(1)(i) or (ii). Invitations are made at five year intervals and at least once between these intervals employees are reminded that they may voluntarily update their disability status at any time.

Information is requested on a voluntary basis. No individual will be compelled or coerced to self-identify as an individual with a disability. All information on self-identification is kept confidential, and maintained in a data analysis file and is not a part of the medical files of the individual employee.

An individual with an obvious disability who did not self-identify may be identified by the designated official and included in the affirmative action program.

AFFIRMATIVE ACTION POLICY, PRACTICES AND PROCEDURES

41 CFR 60-741.44

A. EQUAL EMPLOYMENT OPPORTUNITY POLICY

41 CFR 60-741.44(a)

The company's equal opportunity policy, supported by the chief U.S. official, is posted for employees and applicants to read in areas where employees gather and job seekers apply for employment and is included in this affirmative action program. The policy notice will be provided in a format understandable to the disabled individual.

B. REVIEW OF PERSONNEL PROCESSES

41 CFR 60-741.44(b)

The company ensures that its personnel processes do not stereotype disabled individuals in a manner that limits their access to all jobs for which they are qualified and that applicants and employees with disabilities have equal access to these processes. The HR Manager reviews personnel processes to determine whether its programs provide the required affirmative action for employment and advancement of qualified disabled individuals. Data is collected to include total applicants, applicants with disabilities, job openings, jobs filled, and total hires of individuals with disabilities. The company creates a Utilization Analysis for Individuals with Disabilities. Based upon the goals set, this company makes ongoing efforts to search for effective methods of specific, targeted outreach for qualified individuals with disabilities.

C. PHYSICAL AND MENTAL QUALIFICATIONS

41 CFR 60-741.44(c)

Each year all job descriptions are reviewed to ensure that any job qualification requirements that tend to screen out qualified individuals with disabilities are job-related and are consistent with business necessity and the safe performance of the job. Any information obtained during that inquiry is maintained in a confidential manner as required by law.

D. REASONABLE ACCOMMODATION

41 CFR 60-741.44(d)

Every reasonable attempt will be made to accommodate the physical and mental limitations of a disabled employee or applicant. Consideration will be given to modification of existing physical facilities, machinery, and job duties, and in supplying physical aids as may be required and deemed financially reasonable. If an employee with a disability is having significant difficulty performing his or her job and it is reasonable to conclude that the problem is related to the disability, the employee is confidentially advised of the performance problem and asked if the problem is related to the disability. In the case of an affirmative response, a confidential inquiry is made regarding the need for reasonable accommodation. In determining the extent of accommodations, business necessity and financial cost will be considered among other factors.

E. HARASSMENT AND INTIMIDATION

41 CFR 60-741.44(e) and 41 CFR 60-741.69

The company has developed a policy and implemented procedures to provide a discrimination and harassment-free workplace and to ensure that its applicants and employees, including those with disabilities, are not harassed because of their disability status.

No individual shall be subjected to harassment, intimidation, threats, coercion or discrimination because they have engaged in or may engage in any of the following activities:

- (1) Filing a complaint;
- (2) Assisting or participating in an investigation, compliance evaluation, hearing, or any other activity related to the administration of Section 503 of the Rehabilitation Act of 1973, as amended or any other Federal, State, or local law requiring equal opportunity for disabled persons;
- (3) Opposing any act or practice made unlawful by Section 503 or its implementing regulations in this part or any other Federal, State or local law requiring equal opportunity for disabled persons; or
- (4) Exercising any other right protected by Section 503 or its implementing regulations in this part.

F. EXTERNAL DISSEMINATION OF POLICY, OUTREACH, AND POSITIVE RECRUITMENT

41 CFR 60-741.44(f)

This company has undertaken appropriate outreach and positive recruitment activities to ensure affirmative action for its disability program.

Written notification of company policy related to affirmative action efforts is sent to all subcontractors, including subcontracting vendors and suppliers, requesting appropriate action on their part.

Sources that may be enlisted in outreach efforts, depending upon circumstances, include but are not limited to: the State Vocational Rehabilitation Service Agency (SVRA), State mental health agency, or State developmental disability agency; the Employment One-Stop Career Center or American Job Center; the Department of Veterans Affairs Regional Office; Department of Labor funded entities such as Employer Assistance and Resource Network (www.earnworks.com); local Employment Network organizations listed in the Social Security Administration's Ticket to Work Employment Network Directory (www.yourtickettowork.com/endir); local disability groups, organizations, or Centers for Independent Living; placement or career offices of educational institutions that specialize in the placement of individuals with disabilities; and private recruitment sources, such as professional organizations or employment placement services that specialize in the placement of individuals with disabilities.

As appropriate to meet our commitment to individuals with disabilities, this facility may undertake some of these activities: formal briefing sessions with recruiting sources with explanations of current and future job openings, position descriptions, worker specifications, the selection process, recruiting literature, and arrangements for referral of applicants, follow up, and feedback; special efforts at

educational institutions to reach students who are individuals with disabilities; participation in work-study programs with schools and universities and through EARN; participation of individuals with disabilities in career days, youth motivation programs, and related activities in their communities; any other positive steps necessary to attract qualified individuals with disabilities and consideration of disabled applicants for all available positions for which they may be qualified when the position(s) applied for is unavailable.

A self-assessment of outreach and recruitment efforts is conducted and documented, including the criteria used and the conclusion reached regarding the effectiveness of each effort. If the review indicates that the totality of outreach efforts were not effective, alternative efforts will be implemented.

Documentation of all activities will be retained for three (3) years.

G. INTERNAL DISSEMINATION OF POLICY

41 CFR 60-741.44(g)

To ensure a strong and effective outreach program, this facility has developed internal procedures to communicate to executive, management, supervisory, and other employees its obligation to employ and advance in employment qualified individuals with disabilities and to encourage them to aid in meeting this obligation.

At a minimum, the policy is included in the policy manual if one exists or otherwise made available to employees and if a collective bargaining agreement is involved, union officials and/or employee representatives are notified and requested to cooperate.

All employees and prospective employees are informed of this facility's commitment to engage in affirmative action to increase employment opportunities for individuals with disabilities.

The EEO policy may be publicized in the company newspaper, magazine, annual report and other media; discussed at special meetings with executive, management, and supervisory personnel; and discussed thoroughly in employee orientation meetings and management training programs when conducted.

Individuals with disabilities are included in employee and company publications where employees are featured.

H. AUDIT AND REPORTING

41 CFR 60-741.44(h)

This company has an auditing system which measures the effectiveness of our program and the degree to which our objectives have been met; indicates the need for any remedial action; and, determines whether individuals with known disabilities have had the opportunity to participate in all company sponsored educational, training, recreational and social activities.

Compliance with the affirmative action program's specific obligations is measured and all actions taken as part of the auditing system are documented and retained as employment records subject to the recordkeeping requirements of 60-741.80.

At the end of each AAP year, the HR Manager will review the Utilization Analysis for Individuals with Disabilities for the program's effectiveness in obtaining the desired goals. Where the affirmative action program is found to be deficient, more effective means of outreach will be sought in the new AAP year.

I. RESPONSIBILITY FOR IMPLEMENTATION

41 CFR 60-741.44(i)

Glenden Brown, Director of Human Resources is responsible for implementation of affirmative action activities and is identified on all internal and external communications. This official is given necessary senior management support and staff to manage the implementation of this program.

J. TRAINING

41 CFR 60-741.44(j)

All personnel involved in the recruitment, screening, selection, promotion, disciplinary and related processes have been carefully selected and trained to ensure elimination of bias in all personnel actions. The total selection process has been reviewed to ensure freedom from stereotyping disabled persons in a manner that might limit their access to all jobs for which they are qualified.

COMPLAINT PROCEDURES

41 CFR 60-741.61

Any employee or applicant for employment who is an individual with a disability may personally, or by an authorized representative, file a written complaint alleging a violation of the Act or the regulations in this part. The complaint may allege individual or class-wide violation(s). Such complaints must be filed no later than 300 days from the date of the alleged violation unless the time for filing is extended by the OFCCP for good cause shown.

Complaints may be submitted to the OFCCP, 200 Constitution Avenue, NW, Washington, DC 20210, or to any OFCCP regional, district or area office.

Internal procedures have been established at this facility to investigate complaints of alleged discrimination from disabled applicants or employees prior to filing with the OFCCP. When a complaint is known, an investigation will be conducted. At the completion of the investigation, if the complaint is valid, efforts will be made to correct the problem and reasonable accommodations made if needed. If, at the end of the investigation, the complaint is found not to be valid, the complainant will be so informed and also advised of his rights to file a complaint with the OFCCP. The complaints and related actions are kept confidential as much as practicable.

If a disabled individual files a complaint with the OFCCP alleging noncompliance with the requirements of the Act, the company will cooperate with the OFCCP in its investigation of the complaint, and provide necessary pertinent information regarding its employment practices with respect to individuals with disabilities.

Information concerning complaint procedures is available to all employees.

Complaints must be signed by complainants or authorized representatives and must contain the following information:

- i. Name and address (including telephone number) of the complainant;
- ii. Name and address of the contractor who committed the alleged violation;
- iii. The facts showing that the individual has a disability, a record or history of disability or was regarded by the contractor as having a disability;
- iv. A description of the act or acts considered to be a violation, including the pertinent dates (in the case of an alleged continuing violation, the earliest and most recent date that the alleged violation occurred should be stated); and
- v. Other pertinent information available which will assist in the investigation and resolution of the complaint, including the name of any known federal agency with which the employer has contracted.

A complaint filed by an authorized representative need not identify by name the person on whose behalf it is filed. The person filing the complaint, however, shall provide the OFCCP with the name,

address and telephone number of the person on whose behalf it is made, and the other information specified above. The OFCCP shall verify the authorization of such a complaint by the person on whose behalf the complaint is made. Any such person may request that the OFCCP keep his or her identity confidential, and the OFCCP will protect the individual's confidentiality wherever that is possible given the facts and circumstances in the complaint.

Where a complaint contains incomplete information, OFCCP shall seek the needed information from the complainant. If the information is not furnished to OFCCP within 60 days of the date of such request, the case may be closed.

The Department of Labor shall institute a prompt investigation.



CODALE

A Sonepar Company

III. AFFIRMATIVE ACTION PROGRAM FOR VETERANS

Codale Electric Supply, Inc.
Company

Corporate
Establishment

5225 West 2400 South
Street Address

Salt Lake City UT 841210
City and State

Inclusive Dates of the AAP: **January 1, 2019 to December 31, 2019**

Program Completed by: **Glenden Brown, Director of Human Resources**

Telephone Number: **801-954-7011**

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External Dissemination of Policy, Outreach, and Positive Recruitment	
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VETERAN DEFINITIONS
41 CFR 60-300.2

For the purpose of implementing the company's affirmative action program for veterans, the following definitions are being used:

“Protected Veteran” means a veteran who is protected under the non-discrimination and affirmative action provisions of the Act; specifically, a veteran who may be classified as a “disabled veteran”, “recently separated veteran”, “active duty wartime or campaign badge veteran”, or an “Armed Forces service medal veteran”.

“Disabled Veteran” means (1) a veteran of the U.S. military, ground, naval, or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Secretary of Veterans Affairs, or (2) a person who was discharged or released from active duty because of a service-connected disability.

“Active Duty Wartime or Campaign Badge Veteran” means a veteran who served on active duty in the U.S. military, ground, naval, or air service during a war or in a campaign or expedition for which a campaign badge has been authorized, under the laws administered by the Department of Defense.

“Armed Forces Service Medal Veteran” means any veteran who, while serving on active duty in the U.S. military, ground, naval, or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985 (61 FR 1209).

“Recently Separated Veteran” means any veteran during the three-year period beginning on the date of such veteran’s discharge or release from active duty in the U.S. military, ground, naval or air service.

MEDICAL EXAMINATIONS AND INQUIRIES

41 CFR 60-300.23

As part of its employment process, this facility may make inquiries into the ability of an applicant to perform job-related functions, and/or may ask an applicant to describe or demonstrate how, with or without reasonable accommodation, the applicant will be able to perform job-related functions.

Employment entrance examinations (and/or inquiries) are not given unless all entering employees in the same job category are subjected to such an examination (and/or inquiry) regardless of their status as a disabled veteran.

Job-related medical exams may be required of employees if they are consistent with business necessity. Inquiries may be made into the ability of employees to perform job-related functions.

If the results of such examinations are used to screen out applicants or employees who are disabled veterans, it will be demonstrated that the exclusionary criteria are job-related and consistent with business necessity, and that performance of the essential job functions cannot be accomplished with reasonable accommodations as required in this part.

Information obtained regarding the medical condition or history of any applicant or employee shall be collected and maintained on separate forms and in separate medical files and treated as a confidential medical record, except that:

A manager or supervisor is to be informed regarding any restrictions on the work or duties of the applicant or employee and necessary accommodations;

Safety and health personnel are to be informed, when appropriate, if the disability might require emergency treatment; and,

Authorized government officials engaged in enforcing the laws administered by the OFCCP or enforcing the Americans with Disabilities Act, shall be provided relevant information on request.

Information obtained regarding the medical condition or history of any applicant or employee shall not be used for any purpose inconsistent with this part.

AVAILABILITY OF THE AFFIRMATIVE ACTION PROGRAM
41 CFR 60-300.40, 60-300.41

This facility has developed a written affirmative action program designed solely for veterans covered by the Act.

The facility will review and update its affirmative action program for veterans annually. Any significant changes in the program, including employees' benefits or rights, will be communicated to employees.

This facility's full affirmative action program, absent the data metrics required by 60-300.44(k), shall be available in the Human Resources Department for inspection during regular business hours upon request by any employee or applicant.

All employees of this facility have been informed through posting on bulletin boards of the company's affirmative action policy toward veterans. Employees who believe themselves covered by the Vietnam Era Veterans Readjustment Assistance Act of 1974, as amended by the Jobs for Veterans Act of 2002, 38 U.S.C. 4212 (VEVRAA) have been informed that they may make a request to benefit under the affirmative action program at any time.

INVITATION TO SELF-IDENTIFY
41 CFR 60-300.42

Applicants who believe they are protected veterans are invited to voluntarily self-identify as a protected veteran (but not in a specific category) at the same time race and gender information is requested.

Once an employment offer has been made but before job duties begin, applicants are invited to self-identify to which, if any, of the specific categories of protected veterans they belong.

Information is requested on a voluntary basis, will be kept confidential, refusal to provide it will not subject the applicant to any adverse treatment, and it will not be used in a manner inconsistent with the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended.

If an applicant identifies himself or herself as a disabled veteran, inquiry will be made as to whether an accommodation is necessary.

AFFIRMATIVE ACTION POLICY, PRACTICES AND PROCEDURES

41 CFR 60-300.44

A. EQUAL EMPLOYMENT OPPORTUNITY POLICY

41 CFR 60-300.44 (a)

The company's equal opportunity policy, supported by the chief U.S. official, is posted for employees and applicants to read in areas where employees gather and job seekers apply for employment and is included in this affirmative action program.

B. REVIEW OF PERSONNEL PROCESSES

41 CFR 60-300.44 (b)

Personnel processes are reviewed by the HR Manager to ensure that they provide the required affirmative action for employment and advancement of qualified covered veterans. Data is collected to include total applicants, protected veteran applicants, jobs opened and jobs filled and percentage filled with protected veterans. Should our hiring benchmark not be met, the company will search for more effective methods of specific, targeted outreach for protected veterans. Employment records are maintained to determine the availability of promotable and transferable qualified covered veterans presently employed and to determine whether their present and potential skills are being fully utilized or developed. If there are job openings, covered veterans are processed through the regular employment procedures.

C. PHYSICAL AND MENTAL QUALIFICATIONS

41 CFR 60-300.44 (c)

All physical and mental job qualification standards in position descriptions are reviewed to ensure that, to the extent that such standards tend to screen out qualified disabled veterans, they are job-related for the position in question and are consistent with business necessity. Any information obtained during this review is maintained in a confidential manner as required by law.

D. REASONABLE ACCOMMODATION

41 CFR 60-300.44 (d)

Every reasonable attempt will be made to accommodate the physical and mental limitations of a disabled veteran or applicant. Consideration will be given to modification of existing physical facilities, machinery, and job duties, and in supplying physical aids as may be required and deemed financially reasonable. In the construction of new facilities, or the redesigning of facilities within existing buildings, barrier-free architectural designs will be considered. In determining the extent of accommodations, business necessity, and financial cost, will be considered among other factors.

E. HARASSMENT AND INTIMIDATION

41 CFR 60-300.44 (a), 41 CFR 60-300.44 (e) and 41 CFR 60-300.69

The company has developed a policy and implemented procedures to provide a discrimination and harassment-free workplace and to ensure that its applicants and employees, including veterans, are not harassed because of their veteran status.

No individual shall be subjected to harassment, intimidation, threats, coercion or discrimination because they have engaged in or may engage in any of the following activities:

- (1) Filing a complaint;
- (2) Assisting or participating in an investigation, compliance evaluation, hearing, or any other activity related to the administration of the affirmative action provisions of the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended (VEVRAA) or any other Federal, state, or local law requiring equal opportunity for protected veterans;
- (3) Opposing any act or practice made unlawful by VEVRAA or its implementing regulations in this part or any other Federal, state or local law requiring equal opportunity for covered veterans; or
- (4) Exercising any other right protected by VEVRAA or its implementing regulations in this part.

F. EXTERNAL DISSEMINATION OF POLICY, OUTREACH AND POSITIVE RECRUITMENT

41 CFR 60-300.44 (f)

This facility has undertaken appropriate outreach and positive recruitment activities to ensure affirmative action for protected veterans.

Written notification of company policy related to affirmative action efforts is sent to all subcontractors, including subcontracting vendors and suppliers, requesting appropriate action on their part.

Sources that may be enlisted in outreach efforts, depending upon circumstances, include but are not limited to: the Veterans' representative at the local employment service office, Department of Veterans Affairs Regional Office, veterans' counselors on college campuses, service officers of the national veterans' groups in the area, local veterans' groups and service centers, the Department of Defense Transition Assistance Program or any subsequent program that might replace it in whole or in part, and any organization listed in the Employer Resources section of the National Resource Directory (<http://www.nationalresourcedirectory.gov/>), or any future service that replaces or complements it.

As appropriate to meet our commitment to veterans, this facility may undertake some of these activities: formal briefing sessions with recruiting sources with explanations of current and future job openings, position descriptions, worker specifications, the selection process, recruiting literature, and arrangements for referral of applicants, follow up, and feedback; special efforts at educational

institutions; participation in work-study programs with the Department of Veterans Affairs rehabilitation facilities; participation of protected veterans in career days, youth motivation programs, and related activities in their communities; any other positive steps necessary to attract qualified protected veterans, and consideration of protected veteran applicants for all available positions for which they may be qualified when the position(s) applied for is unavailable.

An annual self-assessment of outreach and recruitment efforts will be conducted and documented, including the criteria used and the conclusion reached regarding the effectiveness of each effort. If the review indicates that the totality of outreach efforts were not effective, alternative efforts will be implemented.

Documentation of all activities will be retained for three (3) years.

G. INTERNAL DISSEMINATION OF POLICY

41 CFR 60-300.44 (g)

To ensure a strong and effective outreach program, this facility has developed internal procedures to communicate to executive, management, supervisory, and other employees its obligation to employ and advance in employment qualified protected veterans and to encourage them to aid in meeting this obligation.

At a minimum, the policy is included in the policy manual if one exists or otherwise made available to employees and if a collective bargaining agreement is involved, union officials and/or employee representatives are notified and requested to cooperate.

All employees and prospective employees are informed of this facility's commitment to engage in affirmative action to increase employment opportunities for protected veterans.

The EEO policy may be publicized in the company newspaper, magazine, annual report and other media; discussed at special meetings with executive, management, and supervisory personnel; and discussed at employee orientation meetings and reviewed during management training programs when conducted.

Disabled veterans are included in employee and company publications where employees are featured.

H. AUDIT AND REPORTING SYSTEM

41 CFR 60-300.44 (h)

This company has an auditing system which measures the effectiveness of our program and the degree to which our objectives have been met; indicates the need for any remedial action; and, determines whether known protected veterans have had the opportunity to participate in all company sponsored educational, training, recreational and social activities.

Compliance with the affirmative action program's specific obligations is measured and all actions taken as part of the auditing system are documented and retained as employment records subject to the recordkeeping requirements of 60-300.80.

The HR Manager will review the Veteran Hiring Benchmark Analysis for the program's effectiveness in attaining the desired benchmark. Where the affirmative action program is found to be deficient, more effective means of outreach will be sought in the new AAP year.

I. RESPONSIBILITY FOR IMPLEMENTATION

41 CFR 60-300.44 (i)

Glenden Brown, Director of Human Resources is responsible for implementation of affirmative action activities identified on all internal and external communications. This official is given necessary senior management support and staff to manage the implementation of this program.

J. TRAINING

41 CFR 60-300.44 (j)

All personnel involved in the recruitment, screening, selection, promotion, disciplinary and related processes have been carefully selected and trained to ensure elimination of bias in all personnel actions. The total selection process has been reviewed to ensure freedom from stereotyping protected veterans in a manner that might limit their access to all jobs for which they are qualified.

COMPLAINT PROCEDURES

41 CFR 60-300.61

Any employee or applicant for employment may personally, or by an authorized representative, file a written complaint alleging a violation of the Act or the regulations in this part. The complaint may allege individual or class-wide violation(s). Such complaints must be filed no later than 300 days from the date of the alleged violation unless the time for filing is extended by OFCCP for good cause shown.

Complaints may be submitted to the OFCCP, 200 Constitution Avenue, NW, Washington, DC 20210, or to any OFCCP regional, district, or area office. Complaints may also be submitted to the Veterans' Employment and Training Service of the Department of Labor directly, or through the Local Veterans' Employment Representative (LVER) at the local employment service office. Such parties will assist veterans in preparing complaints, promptly refer such complaints to OFCCP, and maintain a record of all complaints which they receive and forward. OFCCP shall inform the party forwarding the complaint of the progress and results of its complaint investigation. The state workforce agency shall cooperate with the Deputy Assistant Secretary in the investigation of any complaint.

Internal procedures have been established at this facility to investigate complaints of alleged discrimination from covered veterans prior to filing with the OFCCP. When a complaint is known, an investigation will be conducted. At the completion of the investigation, if the complaint is valid, efforts will be made to correct the problem and reasonable accommodations made if needed. If, at the end of the investigation, the complaint is found not to be valid, the complainant will be so informed and also advised of his/her rights to file a complaint with the OFCCP. The complaints and related actions are kept confidential.

If a veteran files a complaint with the OFCCP alleging noncompliance with the requirements of the Act, the company will cooperate with the OFCCP in its investigation of the complaint, and provide necessary pertinent information regarding its employment practices with respect to veterans.

Information concerning complaint procedures is available to all employees.

Complaints must be signed by the complainant or his or her authorized representative and must contain the following information:

- i. Name and address (including telephone number) of the complainant;
- ii. Name and address of the contractor who committed the alleged violation;
- iii. Documentation showing that the individual is a protected veteran or pre-JVA veteran;
- iv. A description of the act or acts considered to be a violation, including the pertinent dates (in the case of an alleged continuing violation, the earliest and most recent date that the alleged violation occurred should be stated); and

- v. Other pertinent information available which will assist in the investigation and resolution of the complaint, including the name of any known Federal agency with which the employer has contracted.

A complaint filed by an authorized representative need not identify by name the person on whose behalf it is filed. The person filing the complaint, however, shall provide OFCCP with the name, address and telephone number of the person on whose behalf it is made, and the other information specified above. OFCCP shall verify the authorization of such a complaint by the person on whose behalf the complaint is made. Any such person may request that OFCCP keep his or her identity confidential, and OFCCP will protect the individual's confidentiality wherever that is possible given the facts and circumstance in the complaint.

Where a complaint contains incomplete information, OFCCP shall seek the needed information from the complainant. If the information is not furnished to OFCCP within 60 days of the date of such request, the case may be closed.

The Department of Labor shall institute a prompt investigation of each complaint.



Work Plan and Project Approach

Codale electric supply through previous experience would help provide Pleasant View City a seamless and professional service by;

***Providing help and expertise in selecting appropriate city lighting standards and specifications**

***Provide professional technical assistance in photometric layouts and designs per each roadway environment in the city.**

***Purchasing and procurement can be done digitally through our Codale e-commerce solutions, which includes mobile app, website project tracking and virtual warehouse.**

***Offer energy savings solutions through advanced lighting controls and wireless asset management that would allow the city to remotely manage their street lighting. This system could notify maintenance personnel about lighting outages and or problems.**

***Codale understands the need of supplier for this contract to be a partner in product selection, design, application engineering, procurement, inventory and overall customer service to provide a smooth and seamless relationship in helping Pleasant View City accomplish their goals of improving street and area lighting within the city.**

*****Codale can provide local inventory in West Haven, Utah for the purpose of emergency replacement situations. Codale will commit to inventory one of each fixture type at this location for these purposes. If more emergency fixtures are needed, additional stock is negotiable.**

Catalog Number AUCL2 P30 30K AS BK L3 S L25 P7 PCS CHA 16 S5J 16 P07 ABG BK	
Type:	Notes:

SPECIFICATIONS

FIXTURE

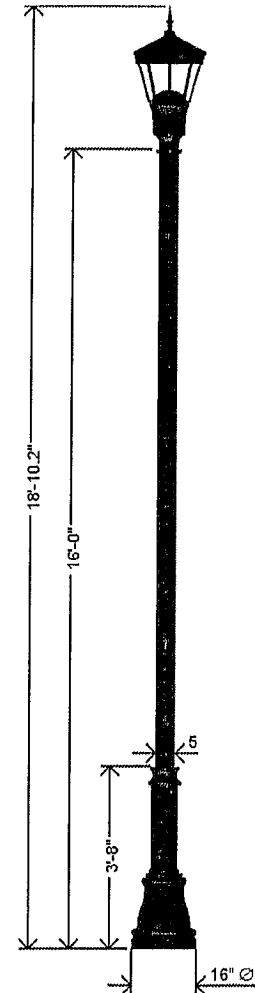
•[AUCL2 P30 30K AS BK L3 S L25 P7 PCS]
 Prefix: AUCL2
 Source & Wattage: LED Performance Package P30
 Color Temperature: 3000 series CCT
 Voltage: Auto-sensing voltage (120 thru 277)
 Finish: Black
 Optics: Type 3 Full Cutoff LED distribution
 Finial: Spike Finial
 Prewired Leads: 25ft Prewired leads
 Photocontrol Receptacle: NEMA Twist Lock Dimming photocontrol receptacle - 7 PIN.
 Photocontrol: DTL twistoff photocontrol for solid-state lighting 120-277V
 NEMA Label: None
 Part Night Dimming: None
 Surge Protection: None
 Adjustable Output: None
 Factory Programmed Driver: None
 Shield: None
 Surge Protection Accessory: None
 Shield Accessory: None
 Luminaire EPA: 1.38
 Luminaire Weight: 47

POLE

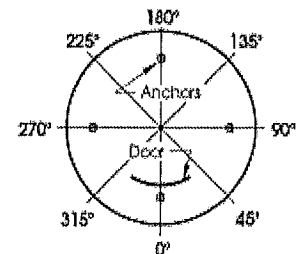
Charleston Aluminum Pole
 •[CHA 16 S5J 16 P07 ABG BK]
 Prefix: Charleston, Aluminum Pole
 Height: 16 feet (Actual Height: 16'-0")
 Shaft Style: S5J 5 inch diameter Smooth, .25 wall
 Base: 16 inch Round Base
 Tenon: 3 X 3 Tenon
 Pole Mounting: Anchor bolts, galvanized steel
 Finish: Powder Coat Paint Finish, Black
 Breakaway Kit: None
 Breakaway Kit Finish: None
 Base EPA: 4.26066666667
 Base Weight: 50
 Anchor Bolt: AB-31-4

Your Assembly Wind Load status: Pass
 Passed for wind speed: 90 MPH
 For further details, review the Structural Analysis Report.

Charleston Aluminum Pole Utility Arlington FCO LED



Anchorage/Orientation Plan



Hand Hole is at 0 deg.

Customer Approval:

Job Name: Product Basket

Client Name:

signature

date

Created By: Richard Weight

Date: 18-Sep-19



Catalog Number AUCL2 P30 30K AS BK L3 S L25 P7 PCS CHA 16 S5J 16 P07 ABG BK R168A FGIUS_S BK	
Type: CORRIDOR	Notes:

SPECIFICATIONS

FIXTURE

[AUCL2 P30 30K AS BK L3 S L25 P7 PCS]
Prefix: AUCL2
Source & Wattage: LED Performance Package P30
Color Temperature: 3000 series CCT
Voltage: Auto-sensing voltage (120 thru 277)
Finish: Black
Optics: Type 3 Full Cutoff LED distribution
Finial: Spike Finial
Prewired Leads: 25ft Prewired leads
Photocontrol Receptacle: NEMA Twist Lock Dimming photocontrol receptacle - 7 PIN.
Photocontrol: DTL twistoff photocontrol for solid-state lighting 120-277V
NEMA Label: None
Part Night Dimming: None
Surge Protection: None
Adjustable Output: None
Factory Programmed Driver: None
Shield: None
Surge Protection Accessory: None
Shield Accessory: None
Luminaire EPA: 1.38
Luminaire Weight: 47

POLE

Charleston Aluminum Pole

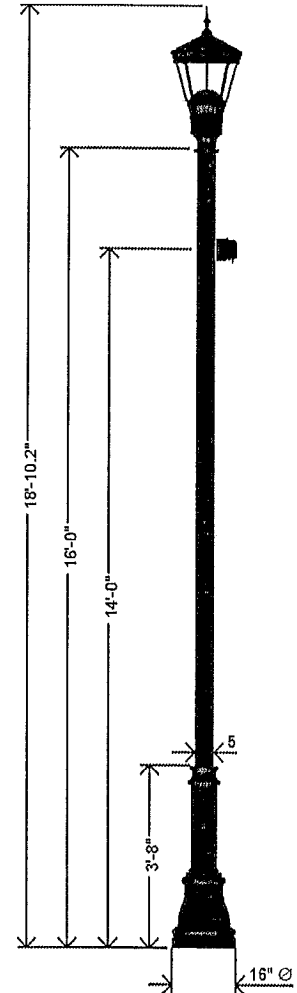
[CHA 16 S5J 16 P07 ABG BK R168A]
Prefix: Charleston, Aluminum Pole
Height: 16 feet (Actual Height: 16'-0")
Shaft Style: S5J 5 inch diameter Smooth, .25 wall
Base: 16 inch Round Base
Tenon: 3 X 3 Tenon
Pole Mounting: Anchor bolts, galvanized steel
Finish: Powder Coat Paint Finish, Black
Breakaway Kit: None
Breakaway Kit Finish: None
Base EPA: 4.2606666667
Base Weight: 50
Anchor Bolt: AB-31-4

ACCESSORY

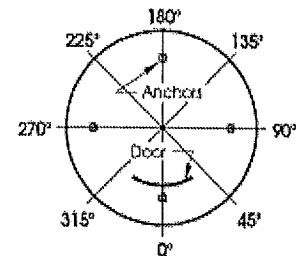
Weatherproof Receptacle; Height Mounted at 14'-0"

[FGIUS_S BK]
Receptacle Type: Small, In-Use Wet Location Cover
Finish: Black

Charleston Aluminum Pole Utility Arlington FCO LED



Anchorage/Orientation Plan



Hand Hole is at 0 deg.

Customer Approval:

Job Name: Product Basket

Client Name:

signature

date

Created By: Richard Weight

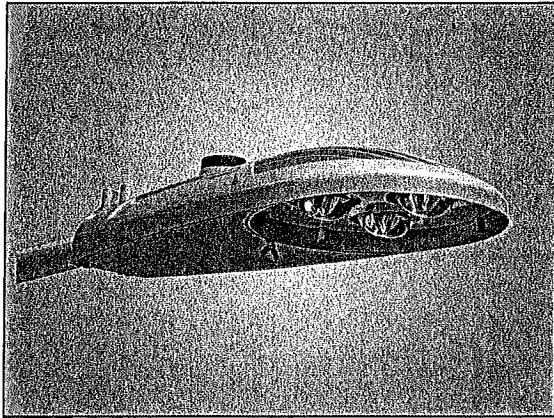
Date: 18-Sep-19



Consistent with LEED® goals
& Green Globes® criteria
for light pollution reduction

Autobahn Series ATBM Roadway

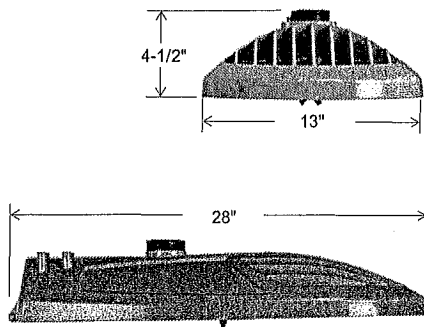
PRODUCT OVERVIEW



Applications:

Residential streets
Parking lots
High speed roadways

DIMENSIONS



Effective Projected Area (EPA)
The EPA for the ATBM is 0.3 sq. ft.,
Approx. Wt. = 21 lbs. (9.5 kg)

STANDARDS

Color temperatures of $\leq 3000\text{K}$ must be specified for International Dark-Sky Association certification.

Rated for -40°C to 40°C ambient

CSA Certified to U.S. and Canadian standards

Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

Features:

OPTICAL

Same Light: Performance is comparable to 150W – 250W HPS

White Light: Correlated color temperature – 4000K, 70 CRI minimum, 3000K, 70 CRI minimum or optional 5000K, 70 CRI minimum.

IP66 rated borosilicate glass optics ensure longevity and minimize dirt depreciation. Unique IP66 rated LED light engines provide 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing.

Available distributions are Type II, III, IV, & V roadway distributions.

ELECTRICAL

Expected Life: LED light engines are rated $>100,000$ hours at 25°C , L70.

Electronic driver has an expected life of 100,000 hours at a 25°C ambient.

Lower Energy: Saves an expected 40-60% over comparable HID luminaires.

Robust Surge Protection: Standard surge protection is 20kV/10kA "Extreme Level" per ANSI C136.2. An optional MOV pack provides 10kV/5kA "Enhanced Level."

MECHANICAL

Includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easy leveling at installation.

Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).

Mast arm mount is adjustable for arms from $1-1/4"$ to $2"$ ($1-5/8"$ to $2-3/8"$ O.D.) diameter.

The 2 – bolt and optional 4 bolt clamping mechanism provide 3G vibration rating per ANSI C136.

The Wildlife shield is cast into the housing (not a separate piece).

CONTROLS

NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.

Premium solid state locking-style photocontrol – PCSS (10 year rated life) Extreme long life solid state locking-style photocontrol – PCL1 (20 year rated life).

Extreme long life solid state locking-style photocontrol with on demand remote on/off control – PCCC (15 year rated life).

Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.

Autobahn Series ATBM

Roadway

ORDERING INFORMATION

ATBM	P40	MVOLT	R2	4B
Series	Performance Packages	Voltage	Optics	Mounting
ATBM Autobahn LED Roadway	P05 9,700 lumens P10 11,000 lumens P20 12,800 lumens P30 15,500 lumens P40 17,400 lumens P50 18,700 lumens P60 20,000 lumens P70 21,500 lumens	MVOLT Multi-volt, 120-277V 347 347V 480 480V	R2 Roadway Type II R3 Roadway Type III R4 Roadway Type IV R5 Roadway Type V	(Blank) 2 Bolt Mounting 4B 4 Bolt Mounting

3K, P7, PCSS

Options

Color Temperature (CCT)

(Blank) 4000K CCT, 70 CRI Min.
3K 3000K CCT, 70 CRI Min.
5K 5000K CCT, 70 CRI Min.

Paint

(Blank) Gray
BK Black
BZ Bronze
DDB Dark Bronze
GI Graphite
WH White

Surge Protection

(Blank) Standard 20kV/10kA SPD
MP MOV Pack

Miscellaneous Options

HSS House Side Shield
NL NEMA Label Indicating Wattage
XL Not CSA Certified – No Terminal Block Cover
UMR-XX 8" Horizontal Arm for Round Pole, Painted to match Fixture
UMS-XX 8" Horizontal Arm for Square Pole, Painted to match Fixture
UMR-GALV 8" Horizontal Arm for Round Pole, Painted to match Fixture
UMS-GALV 8" Horizontal Arm for Square Pole, Painted to match Fixture

Control Options

(Blank) 3 Pin NEMA Photocontrol Receptacle
P7 7 Pin Photocontrol Receptacle (dimmable driver included) ¹
NR No Photocontrol Receptacle
AO Field Adjustable Output ³
DM 0-10V Dimmable Driver ²
PCSS Solid-State Lighting Photocontrol ⁴
PCLL Solid-State Long Life Photocontrol
PCCC Solid-State Long Life Photocontrol with remote control on/off ⁴
SH Shorting Cap

Packages

(Blank) Standard Pack
JP Job Pack (36/pallet)

Accessories

ATBMHSS House Side Shield
ATBMLTS Light Trespass Shield
RKATBMMVOLTSPD ATBM Acuity SPD, MVOLT
RKATBMHVSPD ATBM Acuity SPD, 347/480V
RKATBMMVOLTMP ATBM MOV Pack, MVOLT
RKATBMHVMP ATBM MOV Pack, 347/480V

Notes:

- 1 Dimmable Driver included. Not available with DM or NR.
- 2 Controls by others. Not available with P7 or AO.
- 3 Not available with DM.
- 4 MVOLT only.



AEL Headquarters, 3825 Columbus Road, Granville, OH 43023
 www.americanelectriclighting.com
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Warranty Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
 Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Please contact your sales representative for the latest product information.

ATBM

Autobahn Series ATBM

Roadway

PERFORMANCE PACKAGE

Performance Package	Distribution	Input Watts	3K (3000K CCT, 70 CRI)					4K/5K (4000K/5000K CCT, 70 CRI)					LLD @ 25°C		
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	25k Hours	75k Hours	100k Hours
P05	R2	68	9,396	138	1	0	2	9,718	143	1	0	2	0.93	0.86	0.83
	R3		9,366	138	1	0	3	9,688	142	1	0	3			
	R4		9,030	133	1	0	3	9,340	137	1	0	3			
	R5		10,334	152	3	0	2	10,689	157	3	0	2			
P10	R2	81	10,635	131	2	0	3	11,299	139	2	0	3	0.93	0.86	0.83
	R3		10,675	132	2	0	3	11,302	140	2	0	3			
	R4		10,391	128	2	0	4	10,994	136	2	0	4			
	R5		11,504	142	3	0	2	12,086	149	3	0	2			
P20	R2	94	12,073	128	2	0	3	12,874	137	2	0	3	0.93	0.86	0.83
	R3		12,065	128	2	0	3	12,818	136	2	0	3			
	R4		11,946	127	2	0	4	12,525	133	2	0	4			
	R5		13,085	139	4	0	2	13,776	147	4	0	2			
P30	R2	118	14,637	124	2	0	3	15,514	131	2	0	3	0.93	0.86	0.83
	R3		14,631	124	2	0	3	15,452	131	2	0	3			
	R4		14,317	121	2	0	4	15,151	128	2	0	5			
	R5		15,775	134	4	0	2	16,685	141	4	0	2			
P40	R2	135	16,233	120	2	0	3	17,493	130	2	0	3	0.93	0.86	0.83
	R3		16,402	121	2	0	3	17,367	129	2	0	3			
	R4		15,911	118	2	0	5	17,008	126	2	0	5			
	R5		17,507	130	4	0	2	18,595	138	4	0	2			
P50	R2	152	17,541	115	2	0	3	18,748	123	2	0	3	0.93	0.86	0.83
	R3		17,677	116	2	0	4	18,712	123	2	0	4			
	R4		17,154	113	2	0	5	18,246	120	2	0	5			
	R5		19,008	125	4	0	2	20,088	132	4	0	2			
P60	R2	168	18,770	112	2	0	3	20,095	120	3	0	3	0.93	0.86	0.83
	R3		18,830	112	2	0	4	20,094	120	3	0	4			
	R4		18,369	109	2	0	5	19,648	117	2	0	5			
	R5		20,350	121	4	0	2	21,505	128	4	0	2			
P70	R2	190	20,190	106	3	0	3	21,565	114	3	0	3	0.93	0.86	0.83
	R3		20,142	106	3	0	4	21,504	113	3	0	4			
	R4		19,660	103	2	0	5	21,024	111	3	0	5			
	R5		21,988	116	4	0	2	23,076	121	4	0	2			

Note: Individual fixture performance may vary. Specifications subject to change without notice.



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Warranty Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
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ATBM



Catalog Number

FRTAU 18 6E BMA US3 SB AB 1 2

Notes

18' POLE HEIGHT, 3' MAST ARM

Type

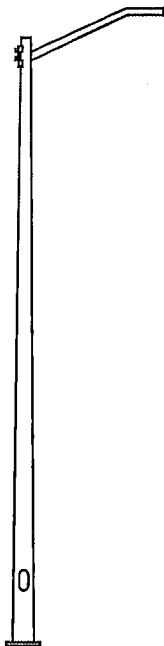
FRTAU

Anchor Base Poles/Mounting Arm(s) Combo

Round Tapered Aluminum Pole

Single and Double Mounting

Arms at 20' to 40' Fixture Mounting Heights



Intended Use

Round tapered aluminum roadway pole with upsweep mast arm(s) for up to 40 foot mounting heights including rise of arm.

Construction

Shaft: Shaft is spun tapered from seamless 6063 alloy aluminum tubing and heat-treated to a T6 temper. Circumferential satin-brushed nish. Round in cross-section down length of shaft and cone tapered to the base diameter.

Arm: Body of mounting arm is tapered aluminum alloy 6063-T6 tube with 2-3/8 inch OD (2 inch NPS) pipe size at luminaire end. The pole end of the arm is welded to an aluminum alloy 6063-T6 mounting plate.

Mounting: Arm mounting plate bolts to the shaft using stainless steel bolts, nuts and washers. A grommet is provided for the 1-1/4 inch diameter wiring hole between the pole shaft and the bracket arm.

Anchor base: Cast from A356 aluminum alloy and heat treated to T6 temper. Base plate and shaft are circumferentially welded top and bottom.

Anchor bolts: Fabricated from carbon steel bar with minimum-yield strength of 55,000 psi. Upper portion of anchor bolt is galvanized per ASTM A-153. Each anchor bolt is furnished with two hex nuts and two washers.

Grounding: Provision located inside hand hole rim. Grounding hardware is not included (provided by others).

Hand hole: A nominal 3" x 5" or 4" or 6" reinforced flush covered hand hole is centered 18" above the base.

Top Cap: Removable top cap provided.

Bolt Covers: A356 bolt covers included with anchor base unless otherwise specified.

Finish

Must specify finish.

Warranty

1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_Conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

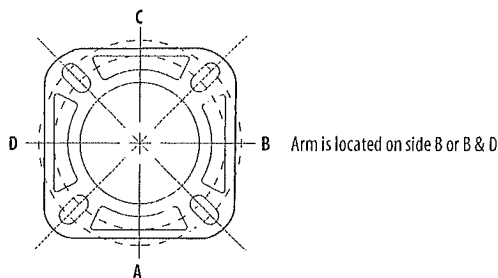
ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: FRTAU 20 6G BMA US6 SB

FRTAU		BMA					
Series	Nominal Fixture Mounting Height	Nominal Shaft Base Size/Wall Thickness	Mounting	Arm Length	Finish	Options	
FRTAU	20 20 feet	6E 6.0" x 4.0" x .156"	BMA Bolt on mast arm	US4 Single 4' arm	Standard colors	AB	Anchor bolts
	25 25 feet	7E 7.0" x 4.0" x .156"		US6 Single 6' arm	BK Black	1	Festoon box
	30 30 feet	8E 8.0" x 4.5" x .156"		US8 Single 8' arm	BZ Bronze	2	Full base cover
	35 35 feet	8G 8.0" x 4.5" x .188"		2US4 Double 4' arm	GH Graphite	3	Vibration damper
	40 40 feet	8J 8.0" x 4.5" x .250"		2US6 Double 6' arm	GN Green	4	Tamper proof
		6G 6.0" x 4.0" x .188"		2US8 Double 8' arm	GR Gray		
		7G 7.0" x 4.0" x .188"			SB Satin Brush		
		8G 8.0" x 4.5" x .188"			WH White		
		8J 8.0" x 4.5" x .250"					
		10G 10.0" x 6.0" x .188"					
		10L 10.0" x 6.0" x .219"					
		10J 10.0" x 6.0" x .250"					

HAND HOLE ORIENTATION



FRTAU

Round Tapered Aluminum Poles with Mounting Arm(s)



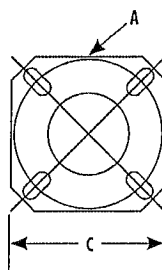
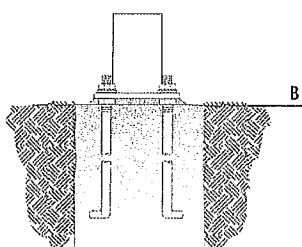
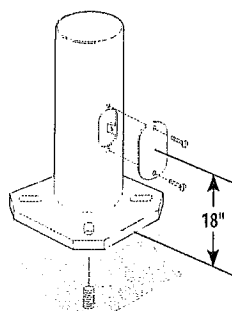
TECHNICAL INFORMATION

Holophane Pole Number	Fixture Mounting Height	Nominal Shaft Base, Wall Thickness	Quality of Arm and Length	EPA ft ² with 1.3 Gust per Arm 100 MPH	Maximum Weight (lbs.)	Bolt Circle (in.)	Bolt Size (in.)	Anchor Bolt Ship Level	Anchor Bolt Template Ship Level
FRTAU206EBMAUS4	20	6.0 X 4.0 X .156	Single Arm 4 feet	2	65	9.50	.75 X 30 X 3	AB-38-4	TMP-42
FRTAU257EBMAUS4	25	7.0 X 4.0 X .156	Single Arm 4 feet	2	65	10.50	1 X 36 X 4	AB-27-4	TMP-44
FRTAU308EBMAUS4	30	8.0 X 4.5 X .156	Single Arm 4 feet	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU358GBMAUS4	35	8.0 X 4.5 X .188	Single Arm 4 feet	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU408JBMAUS4	40	8.0 X 4.5 X .250	Single Arm 4 feet	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU206GBMAUS6	20	6.0 X 4.0 X .188	Single Arm 6 feet	2	65	9.50	.75 x 30 x 3	AB-38-4	TMP-42
FRTAU257GBMAUS6	25	7.0 X 4.0 X .188	Single Arm 6 feet	2	65	10.50	1 X 36 X 4	AB-27-4	TMP-44
FRTAU308GBMAUS6	30	8.0 X 4.5 X .188	Single Arm 6 feet	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU358JBMAUS6	35	8.0 X 4.5 X .250	Single Arm 6 feet	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU408JBMAUS6	40	8.0 X 4.5 X .250	Single Arm 6 feet	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU206GBMAUS8	20	6.0 X 4.0 X .188	Single Arm 8 feet	1.74	65	9.50	.75 x 30 x 3	AB-38-4	TMP-42
FRTAU258EBMAUS8	25	8.0 X 4.0 X .156	Single Arm 8 feet	1.74	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU308GBMAUS8	30	8.0 X 4.5 X .188	Single Arm 8 feet	1.74	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU358JBMAUS8	35	8.0 X 4.5 X .250	Single Arm 8 feet	1.74	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU4010GBMAUS8	40	10.0 X 4.5 X .188	Single Arm 8 feet	1.74	65	14.50	1 X 48 X 4	AB-39-4	TMP-51
FRTAU206GBMA2US4	20	6.0 X 4.0 X .188	Double Arm 4 feet (2@180)	2	65	9.50	.75 X 30 X 3	AB-38-4	TMP-42
FRTAU258EBMA2US4	25	8.0 X 4.5 X .156	Double Arm 4 feet (2@180)	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU308GBMA2US4	30	8.0 X 4.5 X .188	Double Arm 4 feet (2@180)	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU3510GBMA2US4	35	10 X 6.0 X .188	Double Arm 4 feet (2@180)	2	65	14.50	1 X 48 X 4	AB-39-4	TMP-51
FRTAU4010LBMA2US4	40	10 X 6.0 X .219	Double Arm 4 feet (2@180)	2	65	14.50	1 X 48 X 4	AB-39-4	TMP-51
FRTAU207EBMA2US6	20	7.0 X 4.0 X .156	Double Arm 6 feet (2@180)	2	65	10.50	1 X 36 X 4	AB-27-4	TMP-44
FRTAU258EBMA2US6	25	8.0 X 4.5 X .156	Double Arm 6 feet (2@180)	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU308JBMA2US6	30	8.0 X 4.5 X .250	Double Arm 6 feet (2@180)	2	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU3510GBMA2US6	35	10 X 6.0 X .188	Double Arm 6 feet (2@180)	2	65	14.50	1 X 48 X 4	AB-39-4	TMP-51
FRTAU4010LBMA2US6	40	10 X 6.0 X .219	Double Arm 6 feet (2@180)	2	65	14.50	1 X 48 X 4	AB-39-4	TMP-51
FRTAU207GBMA2US8	20	7.0 X 4.0 X .188	Double Arm 8 feet (2@180)	1.74	65	10.50	1 X 36 X 4	AB-27-4	TMP-44
FRTAU258GBMA2US8	25	8.0 X 4.5 X .188	Double Arm 8 feet (2@180)	1.74	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU308JBMA2US8	30	8.0 X 4.5 X .250	Double Arm 8 feet (2@180)	1.74	65	11.50	1 X 36 X 4	AB-27-4	TMP-46
FRTAU3510JBMA2US8	35	10 X 6.0 X .250	Double Arm 8 feet (2@180)	1.74	65	14.50	1 X 48 X 4	AB-39-4	TMP-51
FRTAU4010JBMA2US8	40	10 X 6.0 X .250	Double Arm 8 feet (2@180)	1.74	65	14.50	1 X 48 X 4	AB-39-4	TMP-51

Note: These specifications are intended for general purposes only. Acuity reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

DIMENSIONAL DATA

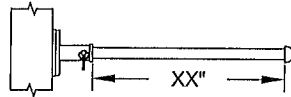
Shaft Base Size (in.)	A	B	C
Bolt Circle (in.)	Bolt Projection (in.)	Base Square (in.)	
5.9	9	3.5 - 4.25	10
6.6	9.5	3.5 - 4.25	10.5
7.3	10.5	3.5 - 4.25	11.25
9	12.5	3.75 - 4.5	12.375



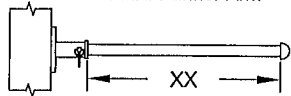
Important:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Acuity will not accept claim for incorrect anchorage placement due to failure to use factory template.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

Banner Arms

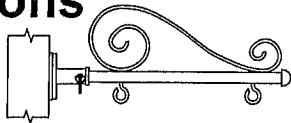


Standard Banner Arm

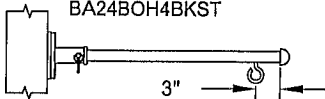


SiteLink Banner Arm

Options



Scroll and Eye Bolt Banner Arm
BA24BOH4BKST



Eye Bolt Banner Arm
BA24BOH5BKF

Finial Options

Cast Aluminum



A = Acorn



B = Ball



H = Half Sphere



R = Raleigh

Specifications

FEATURES:

Tool-less banner installation and or replacement. As a safety feature the break-away couplings are fitted with 3/32" 7x7 strand stainless steel aircraft cable.

DESCRIPTION

The banner arms shall consist of an aluminum 6061 schedule 80 pipe or aluminum extrusion, an aluminum channel mounting plate, and a cast aluminum coupling. Stainless steel eyebolts, scrolls, and breakaway banner arms are optional.

Breakaway banner arms may be recommended for some types of banners.

CONSTRUCTION

The banner arm shall be installed into a cast aluminum coupling with a stainless steel latch-pin.

MATERIALS

The finial shall be cast aluminum, produced from certified ASTM 356 ingot per ASTM B-179-95a or ASTM B26-95 and welded to the end of the banner arm. The banner arm mounting plate shall be aluminum, ASTM 356 alloy, heat treated to a T6 temper. All hardware shall be stainless steel.

INSTALLATION

Bolt the cast aluminum coupling to the mounting channel (welded to the side of the pole) using 3/8-16 stainless screws. Slip the banner arm into the coupling and secure in place with 1/4" stainless steel latch pin. Note: Arms are not designed for pedestrian interference. Banners to be provided by others.

DIMENSIONS

The banner arms shall be available in 1.05", 1.32", 1.66" or 1.9" O.D. with length to be specified in whole inch increments.

***CAUTION**
EYE BOLT LOAD LIMIT
= 100 LB MAXIMUM

ORDERING GUIDE

Banner arms can add substantial wind loading to the post you select. Please coordinate the correct post size and style with the factory.

Customer Catalog #:

Sample Catalog Number

BA24BOH4BKF

BA	24	BO	H	4	BK	F
Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7

Step 1 Banner:

BA = Standard
Banner Arm

Step 2 Length:

12 = 12"	23 = 23"	31 = 31"	39 = 39"
16 = 16"	24 = 24"	32 = 32"	40 = 40"
14 = 14"	25 = 25"	33 = 33"	
18 = 18"	26 = 26"	34 = 34"	
19 = 19"	27 = 27"	35 = 35"	
20 = 20"	28 = 28"	36 = 36"	
21 = 21"	29 = 29"	37 = 37"	
22 = 22"	30 = 30"	38 = 38"	

Step 3 Mounting:

BO = Bolt on
C41 = Clamp on 4" Shaft
C42 = Clamp on 4" Shaft 2@180°
C51 = Clamp on 5" Shaft
C52 = Clamp on 5" Shaft 2@180°
L45 = SiteLink SL4 & SL5
L68 = SiteLink SL6 & SL8
T13 = SiteLink T T1, T2 & T3

Step 4 Finial:

A = Acorn
B = Ball
H = Half Sphere
R = Raleigh

Step 5 Arm Diameter:

3 = 3/4 Pipe (1.05 dia. nominal)
4 = 1" Pipe (1.32 dia. nominal)
5 = 1.25" Pipe (1.66 dia. nominal)
6 = 1.50" Pipe (1.90 dia. nominal)

Step 6 Color:

BK = Black
BD = Dark Blue
BZ = Bronze
GH = Graphite
GN = Green
GR = Gray
PP = Prime Paint
SL = Silver
WH = White
CMC = Customer Matching Color
TDC = Tiger Drylac

Step 7 Options:

F = Single Eye Bolt.
S = Scroll Attachment.
T = Two Eye Bolts.



Banner Arms

ORDER #:	TYPE:	DRAWING #:
REVISION:	REVISION DATE: 10/30/14	US-2410
DRAWN: KRW	ORIGIN DATE: 5/7/13	PAGE: 1 of 1

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

Flagpole Holders

Aluminum

SPECIFICATIONS

CONSTRUCTION

The flagpole holders shall be one piece construction. The holders shall consist of a piece of aluminum tubing welded at 45° to a mounting plate. All welding shall be per ANSI/AWS D1.2-90. All welders shall be certified per ANSI/AWS D1.2-90 Section 5.

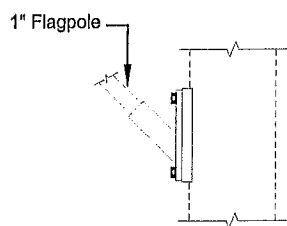
MATERIALS

The flagpole holders shall be aluminum, ASTM 6061 alloy, heat treated to a T6 temper. All hardware shall be stainless steel.

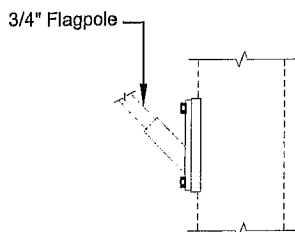
INSTALLATION

The flagpole holders shall bolt to a mounting channel on the side of the post with four stainless steel screws. The clamp-on mounting shall clamp around the post, secured with four 3/8" hex head bolts. (Post diameter at mounting point must be specified.) Holders are available for 3/4", 1", 1-1/4", and 1-1/2" O.D. flag poles. (For information on specifying orientation and mounting heights see "Orientation Guide" in the back of the Accessories section.) (Flags and flag poles provided by others.)

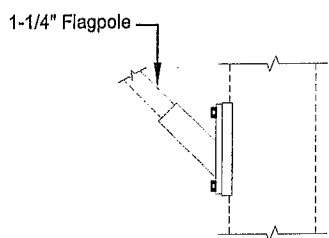
For finish specifications and color options see "Finish" section in catalog.



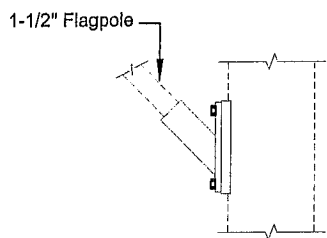
FPH4BO
(holder for 1" pole
with bolt on mounting)



FPH3BO
(holder for 3/4" pole
with bolt on mounting)

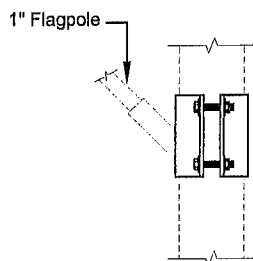


FPH5BO
(holder for 1-1/4" pole
with bolt on mounting)

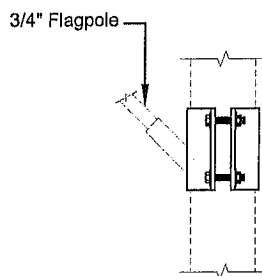


FPH6BO
(holder for 1-1/2" pole
with bolt on mounting)

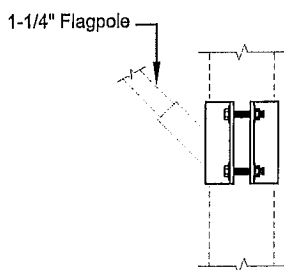
OTHER MOUNTING OPTIONS



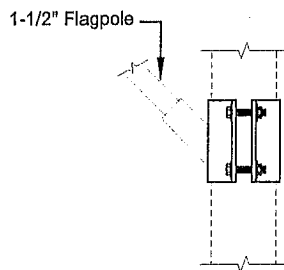
FPH4CX1
(holder for 1" pole
with single clamp-on mounting)



FPH3CX1
(holder for 3/4" pole
with single clamp-on mounting)



FPH5CX1
(holder for 1-1/4" pole
with single clamp-on mounting)



FPH6CX1
(holder for 1-1/2" pole
with single clamp-on mounting)

(X for clamp-on mounting equals 4 for 4" shaft and 5 for 5" shaft diameters standard)

Flags can add substantial wind loading to the post you select.
Please coordinate the correct post size and style with the factory.


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LEADER IN LIGHTING SOLUTIONS
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US-2404, REV. 4-26-13

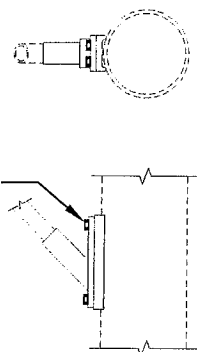
Flag Pole Holders Aluminum

MOUNTING DETAILS

Bolt-On Mounting

(4) Stainless Steel Screws to Post

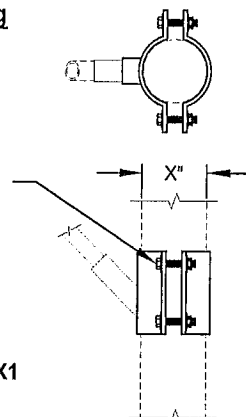
FPH4BO



Clamp-On Mounting

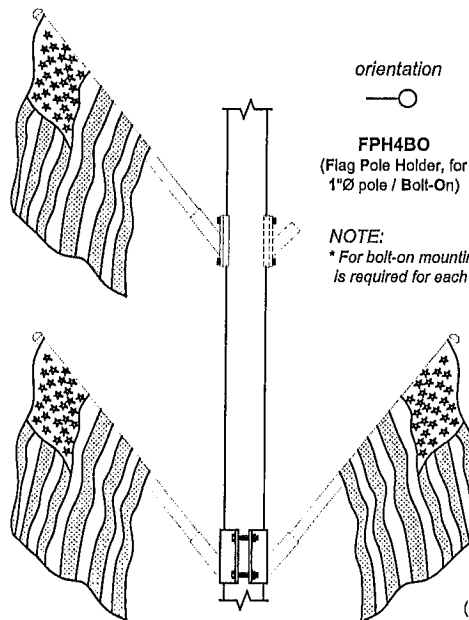
Clamp with (4) 3/8" Hex Hd. Bolts to Clamp On Post

FPH4CX1



(X for clamp-on mounting equals 4 for 4" shaft and 5 for 5" shaft diameters standard)

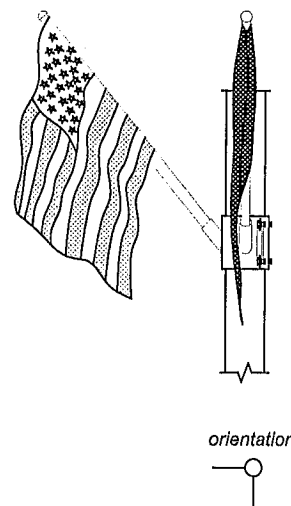
SUGGESTED FLAGPOLE USAGE



orientation
—○—
FPH4BO
(Flag Pole Holder, for
1" pole / Bolt-On)

NOTE:
* For bolt-on mounting, a single FPH
is required for each flag.

orientation
—○—
FPH4C52
(Flag Pole Holder for 1" flag pole
Clamp-On for 5" pole shaft, 2@180°)



orientation
—○—
FPH4C53
(Flag Pole Holder for 1" flag pole
Clamp-On for 5" pole shaft, 2@90°)

NOTE:
* For information on specifying orientation and mounting heights see
Orientation Guide in the back of the Accessories section in the catalog.
* Flags not furnished by Holophane.

ORDERING GUIDE

sample catalog number
FPH4C42BK

Flagpole Holder
FPH4
Flagpole Holder for 1" pole

Mounting Option
C42
Clamp On, 2 at 180°, 4"Ø shaft

Material/Finish
BK
Black

Flagpole Holders

- ☐ **FPH3** Flagpole Holder for 3/4" pole
- ☐ **FPH4** Flagpole Holder for 1" pole
- ☐ **FPH5** Flagpole Holder for 1-1/4" pole
- ☐ **FPH6** Flagpole Holder for 1-1/2" pole

Mounting Options

- (fill in X with 4 or 5 inch dia. shaft for clamps)
- ☐ **BO*** Bolt On
 - ☐ **CX1** Clamp On
 - ☐ **CX2** Clamp On, 2@180
 - ☐ **CX3** Clamp On, 2@90
 - ☐ **L45** Sitelink SL4 or SL5 mounting
 - ☐ **L68** Sitelink SL6 or SL8 mounting
 - ☐ **T13** Sitelink T-Series mounting

Color

- ☐ **BK** Black
- ☐ **BD** Dark Blue
- ☐ **BZ** Bronze
- ☐ **GH** Graphite
- ☐ **GN** Green
- ☐ **GR** Gray
- ☐ **PP** Prime Paint
- ☐ **SL** Silver
- ☐ **WH** White



**STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC.
LED COMMERCIAL OUTDOOR PRODUCTS
FOR: ***
QUOTE NO: 2003-14-10202-1
1/31/2014**

Subject to the exclusions set forth below, Acuity Brands Lighting, Inc. ("Acuity") warrants its commercial outdoor light emitting diode (LED) fixtures, including the LED arrays and the LED drivers and integral control devices ("Products(s)"), to be free from defect in material and workmanship (the "General Warranty") for a period of ten (10) years from the date of shipment from Acuity's facilities. The LED arrays in the Product(s) will be considered defective in material or workmanship only if a total of 15% or more of the individual light emitting diodes in the Product(s) fail to illuminate, and the painted finish of the LED Luminaire(s) will be considered defective in material or workmanship only if there is substantial deterioration, in the form of blistering, cracking, or peeling (the "Painted Finish Warranty"). The painted finish is not warranted against fading or chalking, as LED Luminaire(s) may naturally fade or chalk over time due to normal aging.

Acuity Controls, PowerSentry®, stand alone Acuity Emergency Product(s) (e.g.: exit combo, emergency unit, emergency remote) and emergency batteries, lamps, and poles are excluded from the General Warranty. Acuity Controls, PowerSentry®, stand alone Acuity Emergency Products and emergency batteries, Acculamp® brand lamps, and poles are warranted separately; and the terms of such warranties are located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx. Manufacturers of lamps, emergency batteries and poles incorporated into the Product(s) are solely responsible for any costs or expenses related to any claims, repairs, or replacements associated with any such component(s). Assistance with warranty claims for any such component(s), and/or copies of each applicable manufacturer's warranty, may be obtained from an authorized Acuity post-sales or customer service representative.

This Statement of Limited Warranty ("Warranty") applies only when the Product(s) are installed in applications in which ambient temperatures are within the range of specified operating temperatures and are operated within the electrical values shown on the LED driver Label. Acuity will not be responsible under this Warranty for any failure of the Product(s) that results from external causes such as: acts of nature; physical damage; exposure to adverse or hazardous chemical or other substances; use of reactive cleaning agents and/or harsh chemicals to clean the Product(s); environmental conditions; vandalism; fire; power failure, improper power supply, power surges or dips, and/or excessive switching; induced vibration; animal or insect activity; fault or negligence of purchaser, any end user of the Product(s) and/or any third party not engaged by Acuity; improper or unauthorized use, installation, handling, storage, alteration, maintenance or service, including failure to abide by any product classifications or certifications, or failure to comply with any applicable standards, codes, recommendations, product specification sheets, or instructions of Acuity; use of the Product(s) with products, processes or materials supplied by any end user or third party; or any other occurrences beyond Acuity's reasonable control. Acuity also will not be responsible under this Warranty for any substantial deterioration in the Product finish that is caused by failure to clean, inspect or maintain the finish of the Product(s). If the Product(s) are used on existing foundations, anchorages or structures, the end user is solely responsible for the structural integrity of such existing foundations, anchorages or structures and all consequences arising from their use. Adequate records of operating history, maintenance, and/or testing must be kept by the end user and provided to Acuity upon request to substantiate that the Product(s) have failed to comply with the terms of this Warranty. Neither polycarbonate nor acrylic material used in the Products is warranted against yellowing, as yellowing may naturally occur over time due to normal aging. The Product(s) are not warranted against costs that may be incurred in connection with changes or modifications to the Product(s) required to accommodate site conditions and/or faulty building construction or design. In addition, the Product(s) are not warranted against cost resulting from installation of a third party components, failures of third party supplied components, or failures of Acuity supplied Product(s) caused by a third party supplied component. Acuity supplied Product(s) are not to be used in excess of an average of 12 hours per day; usage in excess of these operational parameters will void this Warranty.

If Acuity determines, at its sole discretion, the Product(s) fail to comply with the terms of this Warranty, Acuity, at its option, will repair or replace the Product(s) with the same or a functionally equivalent Product(s) or component part(s). This Warranty excludes labor and equipment required to remove and/or reinstall original or replacement parts. This Warranty extends only to the Product(s) as delivered to, and is for the sole and exclusive benefit of, the original end user of the Product(s) at the original location. This Warranty may not be transferred or assigned by the original end user. The repair or replacement of any Product(s) or component part within the Product(s) is the sole and exclusive remedy for failure of the Product(s) to comply with the terms of this Warranty and does not extend the Warranty period. Warranty claims regarding the Product(s) must be submitted in writing within (30) days of discovery of the defect or failure to an authorized Acuity post-sales or customer service representative. Product(s) or component part(s) may be required to be returned for inspection and verification of non-conformance by Acuity, but no Product(s) or component part(s) will be accepted for inspection, verification or return unless accompanied by a "return authorization number" which can be obtained only from an authorized Acuity post-sales or customer service representative. Acuity is not responsible for any costs and expenses incurred in connection with shipment of Product(s) to Acuity, but Acuity shall bear all cost and expense incurred in connection with shipment of replacement Product(s) to the customer.

THE FOREGOING WARRANTY TERMS ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, AND ACUITY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING DIRECTLY OR INDIRECTLY TO THE PRODUCT(S), WHETHER ORAL, WRITTEN, OR ARISING BY COURSE OF DEALING OR USAGE OF TRADE, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO AGENT, DISTRIBUTOR OR OTHER SUPPLIER OF ACUITY PRODUCTS HAS THE AUTHORITY TO MODIFY OR AMEND THIS WARRANTY WITHOUT EXPRESS WRITTEN AUTHORIZATION FROM ACUITY.

The total liability of Acuity on any and all claims of any kind, whether in contract, warranty, tort (including negligence), strict liability or otherwise, arising out of or in connection with, or resulting from, Acuity's performance or breach of this Warranty, or from Acuity's sale, delivery, resale, repair, or replacement of any Product(s) or the furnishing of any services, shall in no event exceed the purchase price allocable to the Product(s) that give rise to the claim, and any and all such liability shall terminate upon the expiration of the warranty period specified above.



STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC.
LED COMMERCIAL OUTDOOR PRODUCTS
FOR: ***
QUOTE NO: 2003-14-10202-1
1/31/2014

IN NO EVENT SHALL ACUITY BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES, EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER AS THE RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER THEORY, INCLUDING WITHOUT LIMITATION LABOR OR EQUIPMENT REQUIRED TO REMOVE AND/OR REINSTALL ORIGINAL OR REPLACEMENT PARTS, LOSS OF TIME, PROFITS OR REVENUES, LACK OR LOSS OF PRODUCTIVITY, INTEREST CHARGES OR COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT, SYSTEMS, SERVICES OR DOWNTIME COSTS, DAMAGE TO OR LOSS OF USE OF PROPERTY OR EQUIPMENT OR ANY INCONVENIENCE ARISING OUT OF ANY BREACH OF THE FOREGOING WARRANTY OR OBLIGATIONS UNDER SUCH WARRANTY.

Acuity reserves the right to modify or discontinue this Warranty without notice provided that any such modification or discontinuance will only be effective with respect to any Product(s) purchased after such modification or discontinuance.



CODALE

A Sonepar Company

Qualifications and Experience

***West Jordan City street lighting project in 2016. Project included product selection, design and procurement of over 3,500 fixtures. Project was successfully completed in 2017. John Neal was lead point on this project and account manager.**

***Logan City street lighting replacement project. Project included product selection, design and procurement for ongoing street lighting projects. Codale lighting team was instrumental on design and support on this project.**

***Herriman City street lighting replacement project. Project included product selection, design and procurement for ongoing street lighting projects. Codale lighting team was instrumental on design and support on this project.**

***Sandy City street lighting replacement project. Project included product selection, design and procurement for ongoing street lighting projects. Codale lighting team was instrumental on design and support on this project.**

***South Jordan City street lighting replacement project. Project included product selection, design and procurement for ongoing street lighting projects. Codale lighting team was instrumental on design and support on this project.**

***Codale has held the UDOT lighting contract for 14 years, contract procurement on UDOT lighting. Codale lighting team was instrumental on design and support on this project.**

***Codale has held the State of Utah Purchasing contract for Lighting and controls for 19 years. contract procurement on lighting, lamps and lighting controls. John Neal has been lead point and account manager on this contract. Codale lighting team was also instrumental in the continued success of this contract.**



CODALE

A Sonepar Company

KEY PERSONNEL

**DUSTIN JOHNSON- OGDEN BRANCH MANAGER-RESPONSIBLE FOR OVERSEEING ALL
SALES OF OGDEN ACCOUNTS.**

JOHN NEAL-ACCOUNT MANAGER-RESPONSIBLE FOR SALES FOR PLEASANT VIEW CITY.

**DENNIS WOOD-LIGHTING GROUP MANAGER-RESPONSIBLE FOR ASSISTING ALL LIGHTING
PROJECTS AND MANAGING MEMBERS OF LIGHTING GROUP.**

**STEVE VINCENT-LIGHTING SPECIALIST- RESPONSIBLE FOR DESIGN AND LAYOUT OF
LIGHTING PROJECTS INCLUDING PHOTOMETRIC LAYOUTS.**

RESUMES

John Neal- Account manager has 17 years of lighting experience as a lighting and controls specialist, and 5 years as a account manager. John has managed other large street lighting projects with West Jordan City, UDOT 1-15 corridor project and the State of Utah lighting contract. These large projects have given John experience in managing contracts and how to successfully complete contracts to the customers complete satisfaction.

John also resides in weber county and could be a close and immediate technical resource for Pleasant View City.



CODALE

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RESUMES

Dennis Wood (Director of Lighting at Codale Electric Supply) 38 year's experience in Lighting as a Manufacturers Representative representing over 400 manufacturers during that time frame with experience in all aspects of lighting including Roadway and multiple facets of City Lighting. Dennis was working closely with Utah Power & Light before it became Rocky Mountain Power in providing Cobra Heads and Decorative Street Lighting to their customers. In the role as a representative he worked with UP&L Engineers on specifications and designs to meet their customers needs. He was also involved with Utah Architects and Electrical Engineers providing Lighting, assisting with specifications for Area and Site Lighting for numerous projects around the State of Utah. For the past 5 years he has been in the Lighting Specialist role at Codale assisting State Government, County, Municipalities and Private Companies to select and install the proper Lighting to meet their needs and requirements. He has experience in Software Programs that are used to place and calculate light levels to meet Lighting level standards that are recommended by the Illuminating Engineering Society of North America. He is also a Past President and Vice President of the Utah Chapter of that organization.

Steve Vincent (Lighting Specialist with emphasis on Design at Codale Electric Supply) He has 33 year's experience working for 3 different Electrical Engineering Firms in Utah. They are Key Engineering, LDS Church Engineering Department, and BNA Consulting Engineering. At these companies he assisted in the designs of Buildings, Parks and Recreation Facilities, and Area and Site Lighting from the inception to final completion. He worked closely with Architects and Planners on these Projects. For the last 3 years he has been at Codale, and is the person our Sales People and many of our Customers use to select lighting fixtures, he designs the layout of fixtures and calculates light levels using the industry's best recognized AGI32 software program.



CODALE

A Sonepar Company

REFERENCES

*Kevin Bateman- West Jordan City head electrician; kevinb@wjordan.com

(385)227-2954

*Jeff Wrigley DFCM facility manager; jeffwrigley@utah.gov

(801)793-8745

*L. Todd Wright UDOT roadway lighting manager; ltwright@utah.gov

(801)870-3626

*Jacob Cain Weber State University facilities manager; jacobcain@weber.edu

(801)626-6311

*Chris Niemann Logan City facilities and roadway manager cneimann@loganutah.org

(435)757-8495

*Adam Jones, Herriman, ajones@herriman.org 801-633-9732

Treavor Larsen, Sandy. tlarsen@sandy.utah.org 801-971-5385

Draper City

Specifications

POST DESCRIPTION

The lighting post shall be cast iron and steel construction with a tapered fluted cast iron base with custom logo and a 16 flute tapered steel shaft, a duplex GFCI receptacle with small weatherproof while-in-use cover, cast aluminum and aluminum pipe luminaire arm with clamp on brace and two bolt on Ø1" x 30" banner arms with half sphere finials.

MATERIALS

The base material shall be heavy-wall cast iron formed true to pattern with complete detail. The shaft shall be steel. Arm shall be heavy wall cast aluminum and 2" schedule 40 pipe. Banner arms shall be all aluminum. All hardware shall be tamper resistant, stainless steel. Anchor bolts shall be hot-dip galvanized steel.

DIMENSIONS

The post shall be 21'-0" in height with a Ø20" x 34" tall base. Shaft shall taper from Ø7" to Ø4½". Luminaire arm shall provide a light center 96" from shaft center. Banner arms are Ø1" x 30" long.

INSTALLATION

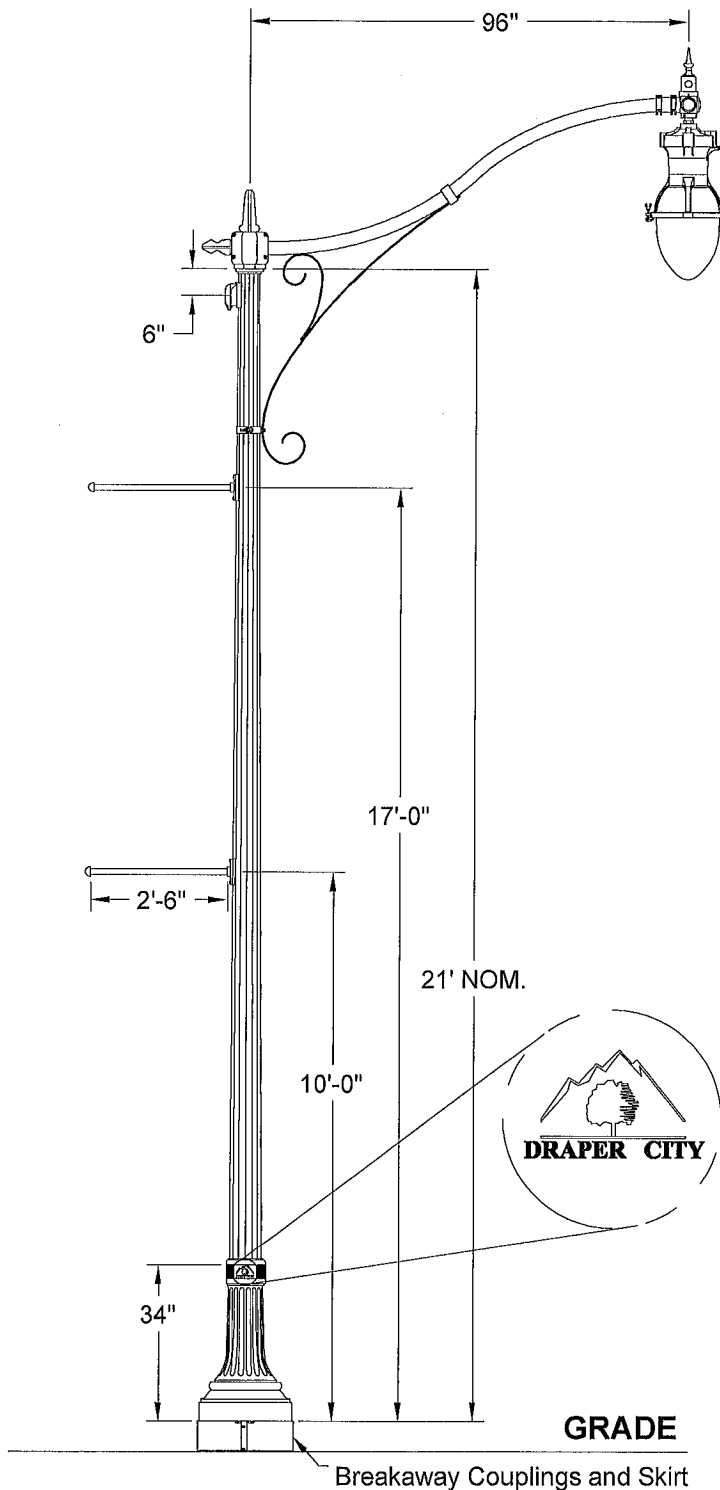
Post provided with (4) ¾" Ø x 36" hot dip galvanized steel L-type anchor bolts. Breakaway couplings and a skirt shall be included and installed at the base of the post. A door is located in the base to provide anchorage and wiring access.

FINISH

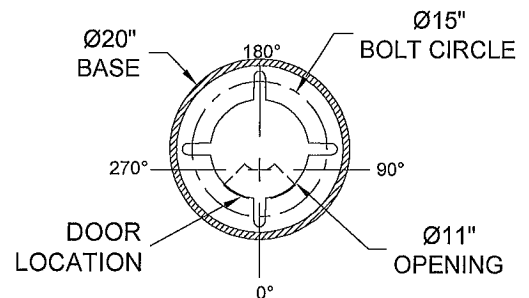
The post assembly shall be shipped with a black powder coat finish.

LUMINAIRE DESCRIPTION

The Esplanade luminaire is styled to replicate the "teardrop" luminaires that lighted boulevards in the first half of this century. Designed for light control and ease of installation and maintenance, the Esplanade has a precision optical system for true street lighting performance. For complete luminaire specifications, see US-1255.



Anchorage Detail



Catalog #:

NY21/20-CIS/BK-MODLOGO-FGIUS-SBK-VGC96/1-CA/BK-2BA30H/1/BO-CA/BK-WLLF/200-SCA/BKR-TPRC-SBK-BREAKCOUP-NY20SKIRT-ES400MH20B4-LAMP

ARCHITECTURAL OUTDOOR ORDER #:

TYPE:

DRAWING NO: US-3982

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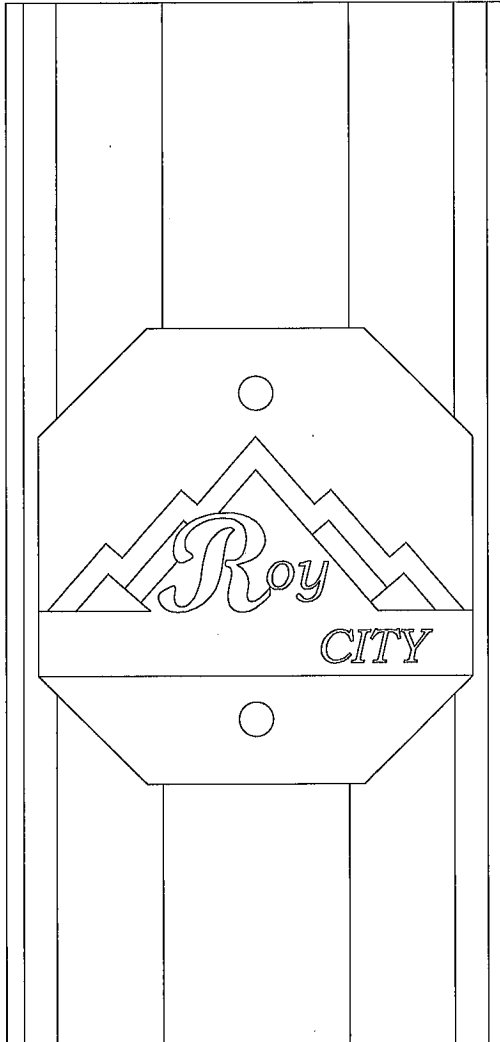
THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

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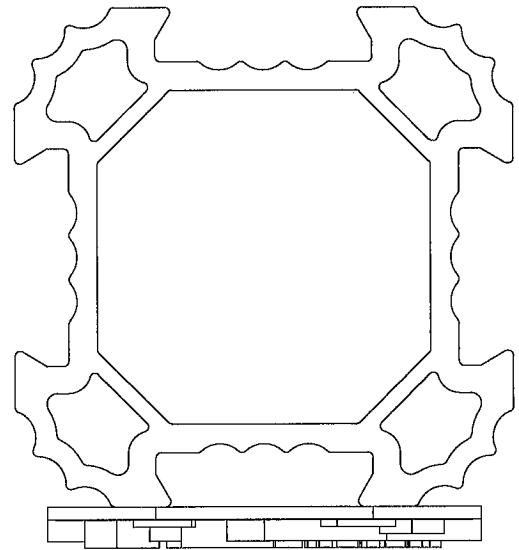
SCALE: N/A
DRAWN: RAF
APP'D:
DATE: 06-17-04

CUSTOM PLAQUE

FRONT VIEW



TOP SECTION VIEW

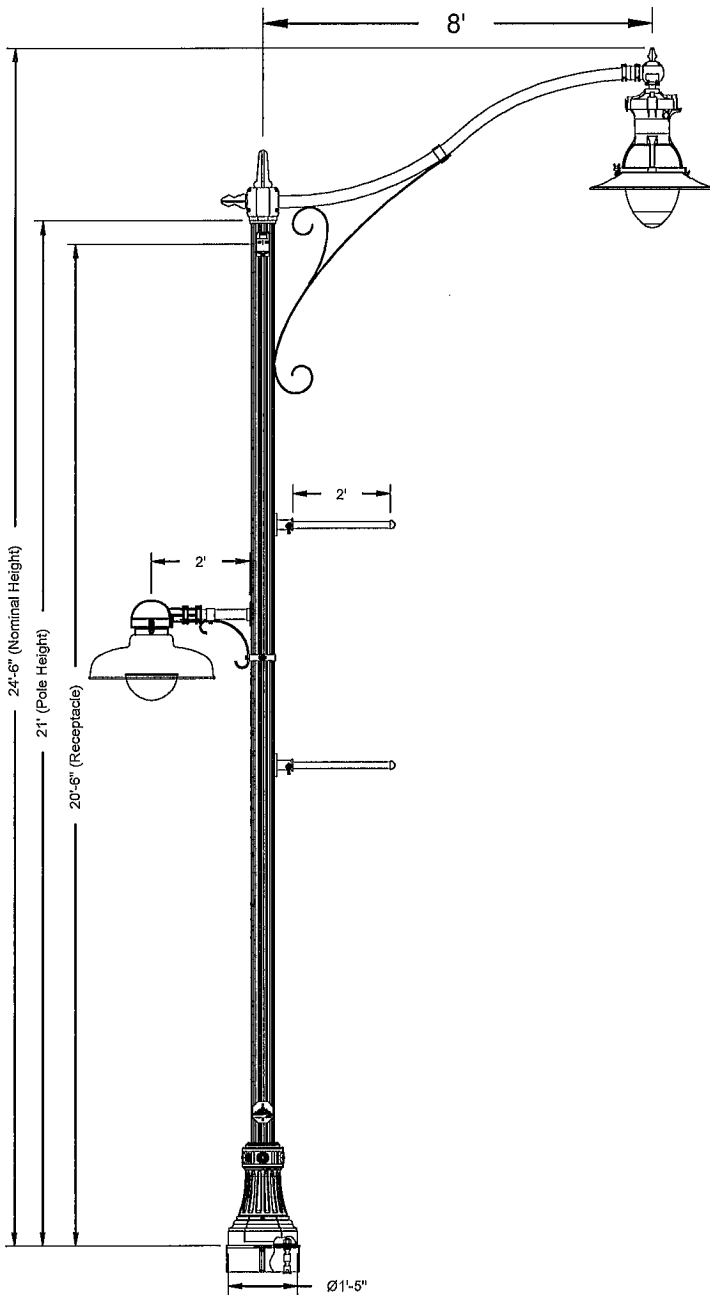


Roy City

ORDER #: 2172-12-10119-17	TYPE:	DRAWING #:
REVISION:	REVISION DATE:	TSG 008908
DRAWN: MAB	ORIGIN DATE: 05/06/15	PAGE: 2

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****CUSTOMER: PLEASE VERIFY PLACEMENT OF ACCESSORIES IN THE "ACCESSORY MOUNTING DETAIL" TABLE - INFORMATION NECESSARY FOR ENSURING ORDER IS PLACED AS NEEDED.****



Specifications

POST DESCRIPTION

The lighting post shall be all aluminum, one-piece construction, with a classic tapered and fluted base design. The post shall include (1) SL VGC arm, 96" from post center to luminaire center, (1) special 24" Camden mid-pole arm, (2) 24" banner arms, (1) GFI receptacle with small, in-use weatherproof cover, and (1) custom Roy City plaque.

MATERIALS

The base shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179-95a or ASTM B26-95. The shaft shall be extruded from aluminum, ASTM 6061 alloy. All hardware shall be stainless steel. Anchor bolts to be completely hot dip galvanized.

DIMENSIONS

The post height shall be 21'-0", a Ø17" base and 5.75" shaft diameter.

INSTALLATION

The post shall be provided with four, hot dip galvanized L-type anchor bolts to be installed on a Ø12" bolt circle. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

FINISH

The entire assembly shall have a standard Holophane black finish.

LUMINAIRE

Post Top

- Esplanade Utility LED, 150W, 4K CCT, Auto-Sensing 120-277V
- Black, Asymmetric Teardrop Glass, QSL, Shallow Skirt
- DTL Twistlock Photocontrol, NEMA Twistlock Photocontrol

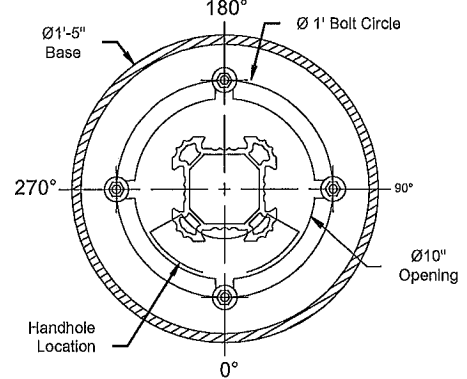
Mid-Post

- Vienna GlasWerks LED, 50W, 4K CCT, Auto-Sensing 120-277V
- Arm, Black, Asymmetric Bowl Glass, Photocontrol Receptacle
- DTL Twistlock Photocontrol

Accessory Mounting Detail

	Orientation	Height
RECEPTACLE		

Anchorage Detail



DO NOT USE TO SET ANCHOR BOLTS
CONTACT CUSTOMER SERVICE FOR TEMPLATE

Catalog #'s:

RFD185197

Pole: NYA21L6J17PT1BK-RXXXXYKXXXY

Anchor Bolts: AB-27-4

Transpo: TRANSP0-SPM4075XL

Breakaway Kit: NYA17BRKWKITBK

Banner Arms: (2)BA24L6JH4BK

Receptacle: FGIUS_SBKH

Post Top Arm: SLVGC96/1L6JBK

Mid-Pole Arm: SLCAM24BOL6JBK

Custom Plaque: SLROYCITYPLQL6JBK

STANDARD MATERIAL

Post Top Luminaire/Filter: ESL1504KASB4SSSPCSR, BHDF13200BK

Mid-Pole Luminaire: GNLB0504KAS1B3HPCS

Customer Signature

Date



Roy City

ORDER #: 2172-12-10119-17

TYPE:

DRAWING #:

REVISION:

REVISION DATE:

TSG 008908

DRAWN: MAB

ORIGIN DATE: 05/06/15

PAGE: 1 of 3

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Catalog Number GELF2 P20 30K AS 2 B L3 P7 LS29/1CA BKH GWLF200 SCA BK CHA 14 S5J 16 P11 ABG BK	
Type:	Notes:

SPECIFICATIONS

FIXTURE

Hallbrook Extended Cover LED

•[GELF2 P20 30K AS 2 B L3 P7]

Prefix: GELF2

Source and Wattage: 420mA Drive Current

Color Temperature: 3000K

Voltage: Auto-Sensing Voltage (120-277)

Mounting: Pendant 1.5 NPT

Finish: Black

Optics: Type 3 Asymmetric Full Cutoff LED

Dimming Control: None

Photocontrol Receptacle: 7 Position dimming photocontrol receptacle

Leads: None

Photocontrols: None

Output Module: None

Part Night Dimming: None

Factory Programmed Driver: None

Leveling Fitter: None

Fitter Finish: None

Fitter Photocontrol Receptacle: None

Fitter Photocontrols: None

Luminaire EPA: 1.2

Luminaire Weight: 46

ARM / MOUNTING BRACKET

Seville Crossarm (Use pendent mounting for luminaire only); Oriented at 0 degrees.

•[LS29/1CA BKH GWLF200 SCA BK]

Prefix: Lisbon 29" Single

Arm Finish: Black

Leveling Fitter: GlasWerks

Mounting: Swivel

Fitter Finish: Black

Photocontrol: None

Cover for Photocontrol: None

Arm EPA: 2.8

Arm Weight: 40

POLE

Charleston Aluminum Pole

•[CHA 14 S5J 16 P11 ABG BK]

Prefix: Charleston, Aluminum Pole

Height: 14 feet (Actual Height: 14'-0")

Shaft Style: S5J 5 inch diameter Smooth, .25 wall

Base: 16 inch Round Base

Tenon: 4.38 X 12 Tenon

Pole Mounting: Anchor bolts, galvanized steel

Finish: Powder Coat Paint Finish, Black

Breakaway Kit: None

Breakaway Kit Finish: None

Base EPA: 4.26066666667

Base Weight: 50

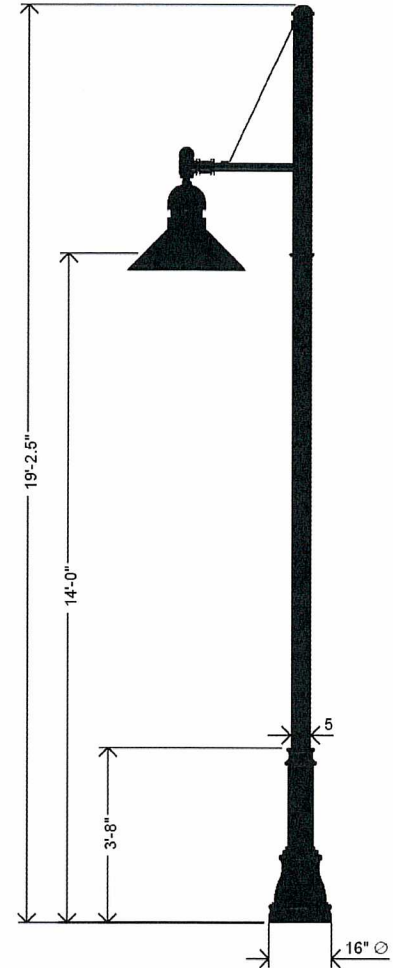
Anchor Bolt: AB-31-4

Your Assembly Wind Load status: Pass

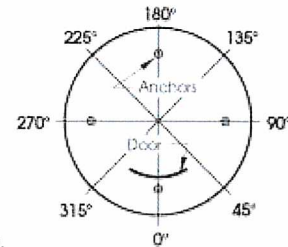
Passed for wind speed: 90 MPH

For further details, review the Structural Analysis Report.

Charleston Aluminum Pole Lisbon Crossarm Hallbrook® Extended Cover LED



Anchorage/Orientation Plan



Hand Hole is at 0 deg.

Customer Approval:

Job Name: Product Basket

Client Name:

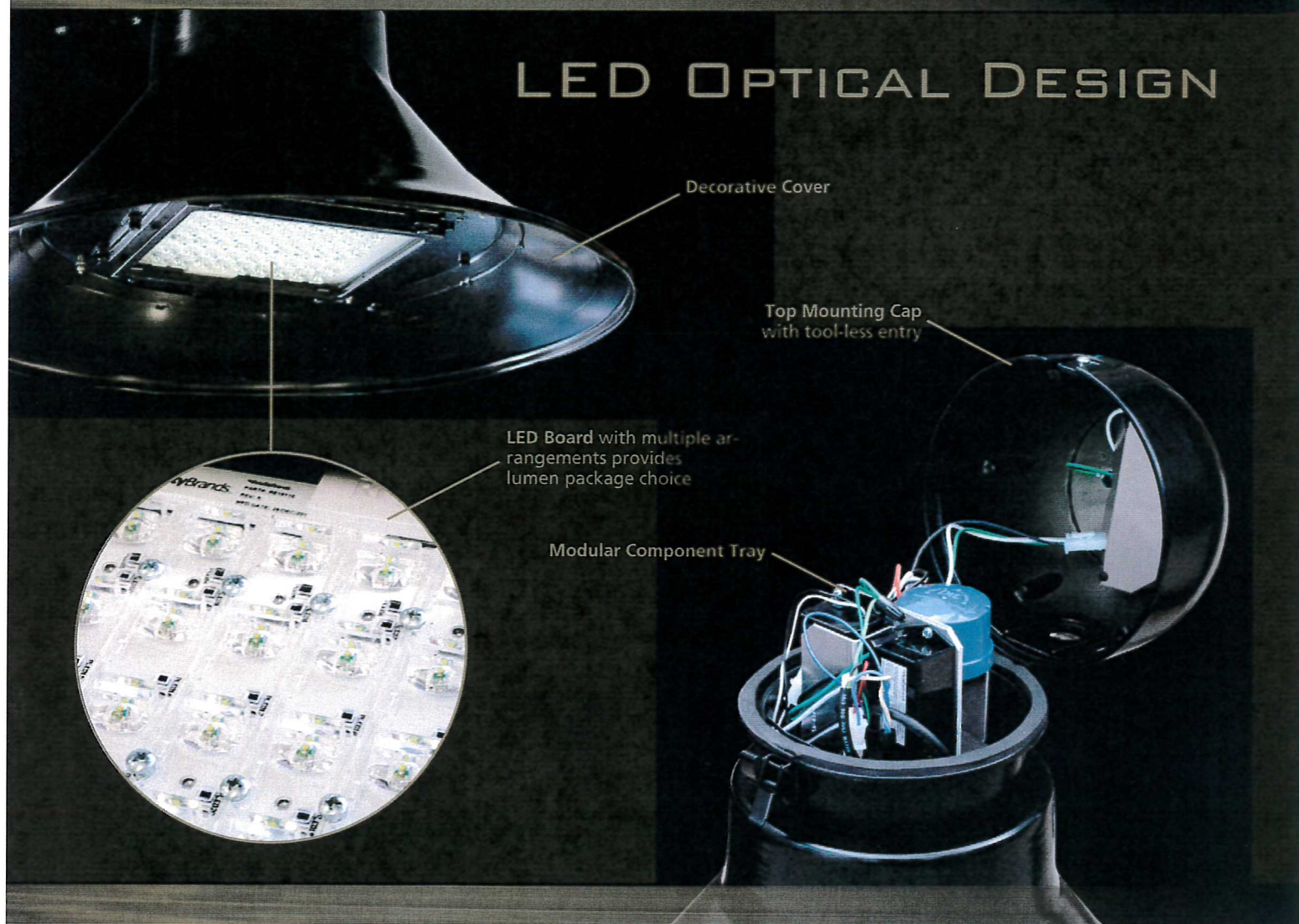
signature

date

Created By: Richard Weight

Date: 22-Oct-19

LED OPTICAL DESIGN



GLASWERKS® | LED SERIES

THE GLASWERKS SERIES HAS BEEN DESIGNED TO MEET THE AESTHETIC QUALITIES DESIRED IN CONTEMPORARY STYLE, ULTIMATELY ADDING ELEGANCE AND VISIBILITY TO ANY OUTDOOR SETTING. THIS POPULAR SERIES IS NOW AVAILABLE WITH MODERN LED TECHNOLOGY WITH A DIRECTIONAL FLAT GLASS OPTION AND MULTIPLE STYLE CHOICES — CAREFUL CONSIDERATION HAS BEEN SPENT ON MANAGING OPTICAL AND THERMAL CONSIDERATIONS FOR MAXIMUM PERFORMANCE.

The use of LED's within traditional street and area lighting applications is becoming a wide spread consideration when lighting design and selection is being performed. In order to take advantage of technology performance advancements, it is essential that the lighting system choice come from a reputable supplier where comprehensive engineering and testing has been conducted. Holophane has undergone extensive research and development to ensure reliability of our luminaires utilizing LED technology so as to provide exceptional value to our customers.

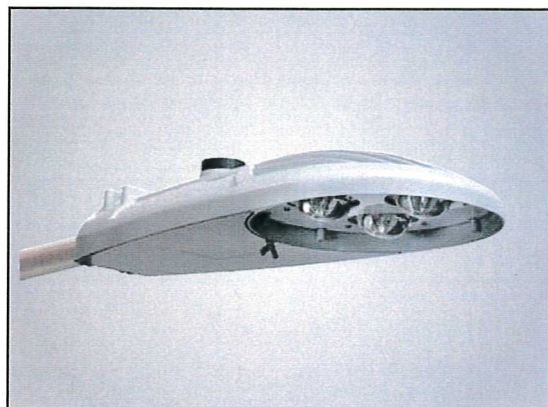




Consistent with LEED® goals
& Green Globes™ criteria
for light pollution reduction

Autobahn Series ATBM Roadway

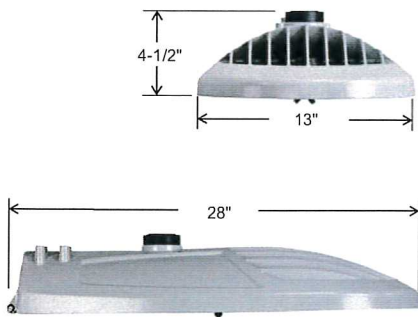
PRODUCT OVERVIEW



Applications:

Residential streets
Parking lots
High speed roadways

DIMENSIONS



Effective Projected Area (EPA)
The EPA for the ATBM is 0.3 sq. ft.,
Approx. Wt. = 21 lbs. (9.5 kg)

STANDARDS

Color temperatures of $\leq 3000\text{K}$ must be specified for International Dark-Sky Association certification.

Rated for -40°C to 40°C ambient

CSA Certified to U.S. and Canadian standards

Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

Features:

OPTICAL

Same Light: Performance is comparable to 150W – 250W HPS

White Light: Correlated color temperature - 4000K, 70 CRI minimum, 3000K, 70 CRI minimum or optional 5000K, 70 CRI minimum.

IP66 rated borosilicate glass optics ensure longevity and minimize dirt depreciation. Unique IP66 rated LED light engines provide 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing.

Available distributions are Type II, III, IV, & V roadway distributions.

ELECTRICAL

Expected Life: LED light engines are rated $>100,000$ hours at 25°C , L70.

Electronic driver has an expected life of 100,000 hours at a 25°C ambient.

Lower Energy: Saves an expected 40-60% over comparable HID luminaires.

Robust Surge Protection: Standard surge protection is 20kV/10kA "Extreme Level" per ANSI C136.2. An optional MOV pack provides 10kV/5kA "Enhanced Level."

MECHANICAL

Includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easy leveling at installation.

Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).

Mast arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter.

The 2 – bolt and optional 4 bolt clamping mechanism provide 3G vibration rating per ANSI C136.

The Wildlife shield is cast into the housing (not a separate piece).

CONTROLS

NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.

Premium solid state locking-style photocontrol – PCSS (10 year rated life) Extreme long life solid state locking-style photocontrol – PCL1 (20 year rated life).

Extreme long life solid state locking-style photocontrol with on demand remote on/off control – PCCC (15 year rated life).

Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.

Catalog Number	
FRTAU 18 6E BMA US3 SB AB 1 2	
Notes	Type
18' POLE HEIGHT, 3' MAST ARM	

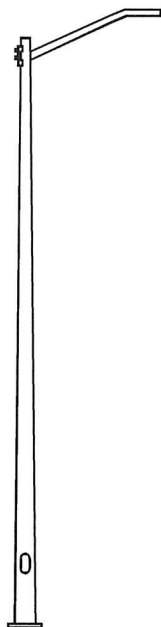
FRTAU

Anchor Base Poles/Mounting Arm(s) Combo

Round Tapered Aluminum Pole

Single and Double Mounting

Arms at 20' to 40' Fixture Mounting Heights



Intended Use

Round tapered aluminum roadway pole with upsweep mast arm(s) for up to 40 foot mounting heights including rise of arm.

Construction

Shaft: Shaft is spun tapered from seamless 6063 alloy aluminum tubing and heat-treated to a T6 temper. Circumferential satin-brushed finish. Round in cross-section down length of shaft and cone tapered to the base diameter.

Arm: Body of mounting arm is tapered aluminum alloy 6063-T6 tube with 2-3/8" OD (2" NPS) pipe size at luminaire end. The pole end of the arm is welded to an aluminum alloy 6063-T6 mounting plate.

Mounting: Arm mounting plate bolts to the shaft using stainless steel bolts, nuts and washers. A grommet is provided for the 1-1/4" diameter wiring hole between the pole shaft and the bracket arm.

Anchor base: Cast from A356 aluminum alloy and heat treated to T6 temper. Base plate and shaft are circumferentially welded top and bottom.

Anchor bolts: Fabricated from carbon steel bar with minimum-yield strength of 55,000 psi. Upper portion of anchor bolt is galvanized per ASTM A-153. Each anchor bolt is furnished with two hex nuts and two washers.

Grounding: Provision located inside hand hole rim. Grounding hardware is not included (provided by others).

Hand hole: A nominal 3" x 5" or 4" or 6" reinforced flush covered hand hole is centered 18" above the base.

Top Cap: Removable top cap provided.

Bolt Covers: A356 bolt covers included with anchor base unless otherwise specified.

Finish

Must specify finish.

Warranty

1-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_Conditions.aspx

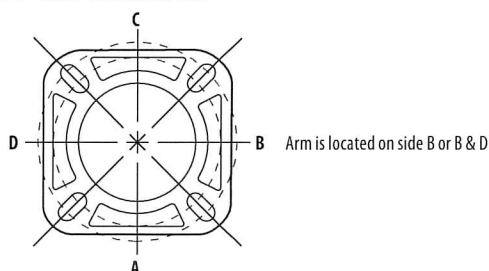
NOTE: Actual performance may differ as a result of end-user environment and application.

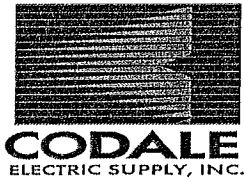
Specifications subject to change without notice.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** FRTAU 20 6G BMA US6 SB

FRTAU					BMA							
Series	Nominal Fixture Mounting Height		Nominal Shaft Base Size/ Wall Thickness		Mounting		Arm Length		Finish		Options	
FRTAU	20	20 feet	6E	6.0" x 4.0" x .156"	BMA	Bolt on mast arm	US4	Single 4' arm	<u>Standard colors</u>		AB	Anchor bolts
	25	25 feet	7E	7.0" x 4.0" x .156"			US6	Single 6' arm	BK	Black	1	Festoon box
	30	30 feet	8E	8.0" x 4.5" x .156"			US8	Single 8' arm	BZ	Bronze	2	Full base cover
	35	35 feet	8G	8.0" x 4.5" x .188"			2US4	Double 4' arm	GH	Graphite	3	Vibration damper
	40	40 feet	8J	8.0" x 4.5" x .250"			2US6	Double 6' arm	GN	Green	4	Tamper proof
			6G	6.0" x 4.0" x .188"			2US8	Double 8' arm	GR	Gray		
			7G	7.0" x 4.0" x .188"					SB	Satin Brush		
			8G	8.0" x 4.5" x .188"					WH	White		
			8J	8.0" x 4.5" x .250"								
			10G	10.0" x 6.0" x .188"								
			10L	10.0" x 6.0" x .219"								
			10J	10.0" x 6.0" x .250"								

HAND HOLE ORIENTATION





5225 West 2400 South
Salt Lake City, UT 84120

PROJECT PROPOSAL

Office-
Cell-
Fax-

801.975.5541
801.707.3859
801.977.7177
johnn@codale.com

Company-	PLEASANT VIEW CITY	Date-	09/19/19
Attention-		Bid Date-	
Job Name-	STREET LIGHT SUPPLIER CONTRACT RFP	Time-	

ITEM	QTY	DESCRIPTION	UNIT P/F	EXTENSION
		RESIDENTIAL HEAD		
HOLOPHANE ARLINGTON	1	HOLOPHANE AUCL2 P30K AS BK L3 S L25 P7 PCS CHA 16 S5J 16 P07 ABG BK	\$2,484.00	
		6 WEEK LEAD TIME		
		CORRIDOR		
HOLOPHANE ARLINGTON	1	HOLOPHANE AUCL2 P30K AS BK L3 S L25 P7 PCS CHA 16 S5J 16 P07 ABG BK	\$2,589.00	
		R168A FGIUS BK		
		6 WEEK LEAD TIME		
		INTERSECTION		
HOLOPHANE AUTOBAHN	1	ATBM P40 MVOLT R2 4B P7 PCSS	\$345.00	
INTERSECTION POLE	1	FRTAU206EBMAUS4 SB 2	\$798.00	
		6 WEEK LEAD TIME		
		ALL BASES INCLUDE CITY NAME		
		DECORATIVE ADDITIONS FOR CORRIDOR		
REMOVABLE BANNER ARM	1		\$100.00	
FLAG HOLDERS	1		\$100.00	
FLOWER BASKET	1		\$215.00	
		REPLACEMENT PARTS		
		**ALL PARTS ARE COVERED UNDER WARRANTY, NO REPLACEMENT PART COST INCLUDED **		
		COST OF WAREHOUSING		
CODALE OGDEN WAREHOUSING	1	LOCAL WAREHOUSING OF PURCHASED MATERIAL	1% OF PRICE OF PRODUCT	PER FIXTURE/PER MONTH
		**WAREHOUSING OF PURCHASED MATERIAL IS FREE OF CHARGE FOR 1 EMERGENCY FIXTURE PER TYPE **		

		Terms & Conditions		
	*	We will not release any material without a written purchase order, signed submittals and an authorization release from you.		
	*	Codale Electric Supply's Terms & Conditions apply		

		*ALL PRICING IS CONTRACTOR NET COST.		
		*SALES TAX IS NOT INCLUDED IN THIS QUOTE.		
		*TERMS ARE BASED ON NET 25		
		*PRICING STATED IN THIS QUOTE WILL EXPIRE IN 30 DAYS**		