

HISTORIC DISTRICT COMMISSION MONDAY, NOVEMBER 18, 2019 Maple Conference Room – 2nd Floor – 6:00 P.M. 201 West Ash Street, Mason MI

AGENDA

1. CALL TO ORDER

- 2. ROLL CALL
- 3. PUBLIC COMMENT

4. APPROVAL OF MINUTES

A. Approve Minutes of Regular Historic District Commission Meeting October 21, 2019

5. UNFINISHED BUSINESS

A. Workplan Update for 2020 - Discussion

6. NEW BUSINESS

A. 118 W. Oak St. – David Meredith - Certificate of Appropriateness for exterior improvements in C-1 Business District.

7. LIAISON REPORT

8. ADJOURN

CITY OF MASON HISTORIC DISTRICT COMMISSION MINUTES OF OCTOBER 21, 2019 DRAFT

Clinton called the meeting to order at 6:00 pm in the Maple Conference Room 2nd floor at 201 West Ash Street, Mason MI.

Present:(7) Clinton, Cummings, Klein, Linsley, Schulien, Shattuck, VogelAbsent:(0)Also present:Elizabeth A. Hude, AICP, Community Development Director

PUBLIC COMMENT

None.

APPROVAL OF MINUTES

MOTION by Klein, second by Vogel, to approve the Historic District Commission meeting minutes from September 16, 2019.

Yes (7) Clinton, Cummings, Klein, Linsley, Schulien, Shattuck, Vogel No (0) Absent: (0)

MOTION APPROVED

UNFINISHED BUSINESS

A. 412 S. Jefferson, Kean's – Discussion on proposed railing for back of building. Continued from September 16, 2019.

MOTION by Klein second by Cummings to approve Option 1: Approve a Certificate of Appropriateness.

Discussion:

Klein is very happy the cable is grey and not shiny as that was his main concern. Director Hude commented that the cable is similar to Oracle. She initially thought Oracle's cable was black but realized it was grey when she went to take pictures of it.

Director Hude referred to the Findings of Fact under Option 1 and asked if they wanted to add any other information. She filled in number 3, but left 1, 2, and 4 open for the board to make additions. Discussion took place regarding various options and need to make findings of fact. Staff noted that they could approve the staff report as finding of fact if they didn't want to make any additions.

Schulien wondered if number 2, referencing prior restoration work is necessary. Director Hude referred to the U.S. Secretary of Interior standards which note that the new proposed project is compatible with the historic features of the building and that they do not look fake. It was noted that they are currently doing restoration work on the front and north side of the building.

Linsley asked about the placement of the deck. Director Hude said it would go along the back of the entire building

not just the corner.

MOTION by Schulien second by Klein to accept the Staff Report as Findings of Fact for Option 1.

Yes (7) Clinton, Cummings, Klein, Linsley, Schulien, Shattuck, Vogel No (0) Absent: (0)

MOTION APPROVED

Discussion:

Clinton asked if they were going to restore the front "Clothing" sign as there are cracks in the tile. Director Hude said that it was included in the site plan review and they will be restoring the front tile.

Vote on original MOTION:

Yes (7) Clinton, Cummings, Klein, Linsley, Schulien, Shattuck, Vogel No (0) Absent: (0)

MOTION APPROVED

B. General Updates:

- Status of SHPO CLG Grant for Library

Director Hude shared an update regarding SHPO's recent relocation of their offices and when looking at the timeline and what was required, it was decided that we would continue moving forward with SHPO's involvement for Phase 1 renovations but not apply for the grant until Phase 2 of the project.

Schulien asked what amount would be sought for the grant and what the deadline date was. Director Hude replied \$100,000 and submittal date is early October.

- SHPO CLG updates - email/staff meeting

Alan Higgins was in the office a few weeks ago. He is trying to visit each CLG Community. Director Hude discussed the requirements to be a Certified Local Government (CLG) and referenced the email with regards to the reports that are filed. Director Hude also discussed Alan Higgins background and said he will be a great asset in many ways.

Vogel asked about grant in lieu of City Council's budgeted amount only being \$275,000 for Phase 1. Director Hude noted that there are other grants available and that the Library received one from Dart for over \$100,000. She reiterated that the grant is still planned for Phase 2. If there is an extension of the grant deadline for this year, we may apply.

Director Hude shared that Alan Higgins is willing to meet with the HDC so she is thinking that at the November meeting HDC can get some things in order and then decide when to ask Alan to come and what they would like

to have him address.

- Newsletter/awards from Historical Society of Michigan

Director Hude shared there are other options for awards besides SHPO.

- Proposed HDC November workshop for workplan/projects

Director Hude said there were currently no permits to discuss but asked if the commissioners would be willing to meet and work further on the workplan that was started. The board was good with that plan.

- Updates on activity in the Historic District

Director Hude noted that 154 W. Maple is not moving forward and the Dart Building is working on costs. She brought up that the owners of the Fiedler Building will be doing façade improvements next spring and would like input from the HDC if they can use vinyl windows.

Discussion on the City Manager's report and how to include the Historic District permits so the community is aware of what is going on. Vogel would like to see the Historic District Commission represented so that people can begin to understand what their purpose is.

NEW BUSINESS

- A. Correspondence received from the Sowles Family regarding the sign at the Presbyterian Church
- B. 2020 Meeting Schedule

Staff discussed the card received from the Sowles Family and the upcoming Meeting Schedule.

LIAISON REPORT

Vogel reported that the City Manager assessment is in progress. She referenced the Admin report and discussed Paul Davis land purchase. Director Hude said that the site plan for Paul Davis has been approved so they are working on the land division application. Once that is completed the landvvv sale will be completed.

Klein shared an invitation to his retirement party at Dart Bank on November 7. He also noted that the Historical Society Museum is getting new windows installed at a cost of \$11,000 next spring through a grant from Dart.

<u>ADJOURN</u>

The meeting adjourned at approximately 6:43 p.m.

Elizabeth A. Hude, AICP, Community Development Director



HISTORIC DISTRIC COMMISSION Workplan 2019

- 1. Publish the record of properties in Mason's Historic District (pictures and data) on the City's website.
- 2. Work to see that markers are installed on all historic properties in the Mason Historic District. Actively pursue grants and resources, perhaps as a match to property owners, to fund the markers and labor for installation.
- 3. Implement an interactive, mobile app-based, self-guided tour, of historic properties in the Mason Historic District similar to what the County Historical Commission is implementing. Consult with the County on collaboration.
- 4. Conduct regular training sessions with representatives from SHPO.
- 5. Revise format for HDC document to align with SHPO recommended formats.
- 6. Bring in speakers from Mason Area Historical Society, Ingham County Historic Commission, and other groups to share information and coordinate efforts in support of the Historic Preservation goals/obligations of the Commission.
- 7. Identify opportunities to work with local students on projects to foster greater community involvement, education, and a love of Mason's heritage.

For 2020, consider:

- Business model Scope, Schedule, Budget (handout to be provided)
- Certified Local Government (CLG) Requirements (Audit)
- Chapter 31 Responsibilities of HDC
- Library Renovations
- Support to Historic Property owners, buildings in need of repair



TO:	Historic District Commission
FROM:	Elizabeth A. Hude, AICP, Community Development Director
RE:	118 W. Oak – Exterior Improvements
DATE:	November 14, 2019

David Meredith submitted a building permit application on September 17, 2019, with plans for exterior improvements to include outdoor lighting, modifications to the shed for use as a dumpster area and cleaning of the outside west wall located at 118 W. Oak St. The property is zoned C-1 Central Business District and is located within the Historic District.

Section 31-5(a) of the City of Mason's Ordinances requires that a permit be obtained for work "... performed within an historic district affecting the exterior appearance of a resource ...". The subject property is located within the Mason Historic District. The applicant is, therefore, requesting Historic District Commission approval.

Mason Main Street Façade Study

The Main Street Façade Study is the manual by which each building within the Mason Historic District was evaluated. The Study provided architectural consultation to the building owners and the Historic District Commission. The recommendations provided in the Study were based on the U.S. Secretary of the Interior's Standards for Rehabilitation. (*This property is not listed in the Study.*)

U.S. Secretary of the Interior's Standards for Rehabilitation

Section 31-5(d) states that the review of any application shall follow the U.S. Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings. Section 31-5(3) lists the discretionary standards that the Commission shall consider and are as follows:

- 1. The historical or architectural value and significance of the structure and its relationship to the historical value of the surrounding area.
- 2. The relationship of the exterior architectural features of the structure to the rest of the structure and the surrounding area.
- 3. The general compatibility of exterior design, arrangement, texture, and materials proposed to be used.
- 4. Other factors, including aesthetic value, which the commission considers pertinent.

Analysis

Staff offers the following recommendations for consideration:

STATUS/ NOTE	REQUIREMENT				
M = Appea R = Recom	rs to meet requirement; D = Does not appear to meet requirement; I = Information Needed; mendation; W = Waiver Requested; <i>Italics = Staff comments</i>				
I	1. The historical or architectural value and significance of the structure and its relationship to the historical value of the surrounding area.				
	2. The relationship of the exterior architectural features of the structure to the rest of the structure and the surrounding area.				
	3. The general compatibility of exterior design, arrangement, texture, and materials proposed to be used.				
	4 Other factors including aesthetic value which the commission considers pertinent				
This buildir style for th	ng served as the school administration building, originally built in 1956. The architectural is period is Mid-Century Modern.				
The proposition with today	sed lighting will be new and does not appear to follow style of the era and is more in line 's new industrial style.				
The applica The propose reflect the could be ac guidelines in-tact as a	ant intends to modify the existing brick shed to serve as the enclosure for the dumpster. sed gate for the dumpster area is ornate wood and again, and while it does not appear to architectural style of the era, it is complimentary to the adjacent residential buildings and cceptable. Staff is requesting input from Commissioners as to the application of design for the lighting and the dumpster gate, and whether or not the small shed should remain in historic structure.				
The applica described l and Guidel	ant is expected to observe the guidelines for cleaning the brick surface of the building as beginning on page 31 of the U.S. Secretary of the Interior's Standards for Rehabilitation ines for Rehabilitating Historic Buildings.				
ecommend	ed Action				

The Historic District Commission has the following options per Section 31-5 of the City Ordinance:

- 1. Approve a Certificate of Appropriateness
- 2. Deny a Certificate of Appropriateness
- 3. Issue a Notice to Proceed, under specific conditions, in accordance with Sec. 31-5(f)(3)

They may also continue the matter to a future time and date certain.

In each motion, HDC members will need to incorporate findings (reference specific details of the proposed project) to support the reason why the project does or does not meet the criteria.

Staff offers the following motion for consideration, subject to amendment for additional findings:

Motion – Option 1: Approve a Certificate of Appropriateness

The Historic District Commission <u>approve</u> a Certificate of Appropriateness for the outdoor lighting proposal for 118 W. Oak Street as submitted on documents dated September 17, 2019 based upon the findings that it is consistent with the standards listed in Section 31-5(3) of the Mason Code, specifically:

- 1. That the property is listed as a contributing building in the City of Mason Historic District and the proposed lighting and wood gate will enhance the historic and architectural value of the structure, appear complimentary and generally compatible to the remainder of the building, and will not have a significant negative impact on the surrounding area; and,
- 2. The proposed project will be compatible with prior restoration of key historic features of the building; and,
- 3. The proposed industrial lighting and wood gate are appropriate textures and materials for the historic structure; and,
- 4. The proposed lighting and wood gate will complement and enhance the District.

Motion – Option 2: Deny a Certificate of Appropriateness

The Historic District Commission <u>deny</u> a Certificate of Appropriateness for the outdoor lighting proposal for 118 W. Oak Street as submitted on documents dated September 17, 2019 based upon the findings that it is not consistent with the standards listed in Section 31-5(3) of the Mason Code, specifically:

- 1. That the property is listed as a contributing building in the City of Mason Historic District and the lighting will not enhance the historic and architectural value of the structure, does not appear complimentary, and is not generally compatible to the remainder of the building and will have a significant negative impact on the surrounding area as demonstrated by <insert findings>; and,
- 2. The proposed industrial lighting and wood gate will not be compatible with prior restoration of key historic features of the building as demonstrated by <insert findings>; and,
- 3. The proposed industrial lighting and wood gate are appropriate textures and materials for the historic structure; and,

4. The proposed industrial lighting and wood gate will not complement and enhance the District as demonstrated by <insert findings>.

Motion – Option 3: Issue a Notice to Proceed, under specific conditions, in accordance with Sec. 31-5(f)(3)

The Historic District Commission grants a <u>notice to proceed</u> for the outdoor lighting proposal for 118 W. Oak Street as submitted on documents dated September 17, 2019 based upon the following findings (must describe the facts that serves as the basis for meeting the selected condition(s)). 1.

- 2.
- 3.

that the proposed railing meets the following condition(s) and that the proposed work is necessary to substantially improve or correct the condition(s):

a. The structure constitutes a hazard to the safety of the public or the occupants.

_____ b. The structure is a deterrent to a major improvement program which will be of substantial benefit to the community.

c. Retention of the structure would cause undue financial hardship to the owner.

d. Retention of the structure would not be in the interest of the majority of the community.



BUILDING PERMIT APPLICATION

PLEASE NOTE: PERMIT FEES ARE DUE AT THE TIME OF APPLICATION. 201 W. Ash Street • Mason, MI 48854 • Phone: 517-676-9155 www.mason.mi.us email: elizabethh@mason.mi.us

Date	09-17-201	9	Perm (Offic	it No. e Use Only)	and the second
Project Name	118 W Oak St				
Project Address (Street, City, State, Zip)	118 W Oak St. Mason, MI 48854				
Parcel ID	33-19-08-	240-010			
Lot #/Subdivision	NA				
Zoning District(s)	Zone C-1	-		Historic District?	Y N
Special Assessment Area	Riverwalk N	/leadows		_ Cedar Street	Temple Street
Flood Zone	FIRM Community Panel No.				
Project Description (Attach additional pages if necessary)	Outdoor lighting,Dumpster area, Outside Wall Cleaning, North side storm drain			Dutside Wall	
Size of Structure	Valuation of Work \$ \$12,500.00			P \$9	ermit Fee \$ 5 . 00
Primary Contact	X_Owner	Contra	ctor	Other (Specify)	
Name	David Me	redith			
Address	480 Prome	ec Dr. G	rand	Ledge, MI 48	837
Telephone	517-749-5	090	Email	DavidM@pro-me	ec.com
If different than above:					
Contractor Name				Contractor License #	
Contractor Address					
Contractor Telephone			Email		

APPLICANT CERTIFICATION

NOTICE: This permit becomes null and void if work or construction is not commenced within six months, or if work or construction is suspended or abandoned for a period of six months at any time after work is commenced. A true copy of the plans of said structure is attached. It is understood that all provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction. "Section 23a of the Michigan Construction Code Act of 1972 (1972 PA 230, MCL 125.1523A) prohibits a person from conspiring to circumvent the licensing requirement of this State relating persons who are to perform work on a residential building or a residential structure. Violators of Section 23a are subject to civil fines." By execution of this application, the person signing represents that the information provided and the accompanying documentation is, to the best of his/her knowledge, true and accurate. In addition, the person signing represents that he or she is authorized and does hereby grant a right of entry to City officials for the purpose of inspecting the premises and uses thereon to verify compliance with the terms and conditions of any permit or approval issued as a result of this application.

Date

Signature

Building Permit Application - Revised April 2018

<u>APPLICATION MATERIALS</u> – Applicants should review Section 94-95 of the Mason Code for a complete listing of application requirements. Incomplete applications will not be processed. The following is a summary of materials that must accompany a completed building permit application:

- Completed application form
- Permit fee

ZONING REVIEW

- Plans on CD/Jump Drive (COMMERCIAL PROJECTS ONLY)
- Site plan, including the following (as necessary):
 - o Boundary line survey
 - o Location, setbacks, dimensions, and height of existing and proposed structures
 - o The existing or intended use
 - o The proposed number of sleeping rooms
 - o Location of utility lines, wells, and septic drain fields
 - o The yard, open space and parking area dimensions
 - o Street grades, proposed finished grades and contour changes (where changes are proposed)
 - o Location of regulated waterways, floodplains or wetlands
 - o Legal description (as necessary)
- Proof of ownership/owner authorization
- Construction schedule for proposed project.
- Construction calculations for utilities
- Any other information deemed necessary to determine compliance with building codes and city ordinances.

<u>FEES</u> – Fees are due at the time of application. A complete listing of fees can be found in the Directory of Charges online at www.mason.mi.us under Forms and Reports.

Permit for the excavation, the erection, addition, or alteration of any structure	\$50 Minimum fee for the first \$5,000 of construction cost plus \$6 for each additional \$1,000 of construction cost
Manufactured Housing/Mobile Home Placement	\$125
Special Inspection/Re-inspection	\$50
Residential Razing Permit	\$150
Fee for construction without a permit	1.5 times the permit charge
Roofing (roof-over only)	\$50
Re-roofing (tear off and new roof)	\$100
Siding permit	\$50
Sign permit	\$ 4.00 per \$1,000 of construction and erection cost with \$25.00 minimum permit fee.
Swimming Pool	\$75

FOR DEPARTMENTAL USE ONLY

Existing Structure or Use: Cor Proposed Structure or Use: C	nforming Non-Conforming onforming Non-Conforming	Variance Granted	Date	
Historic District Commission I	Review Required: yes no	Date Approved		
Approved Denied Special Conditions	Official/Administrator		Date	
BUILDING REVIEW			· · · · · · · · · · · · · · · · · · ·	
Sidwell No.	Asses	sed Value of Structure \$	5	
Application Accepted By	Date Permit No.			
Occupancy/Use Group		Code		
Soil Erosion Permit No.	Change of Use/Net	w Use Tap in Fee		
Building Permit Fee	Total Fee Received	Receip	t No	
Approved Denied	Official/Administrator		Date	
Special Conditions	· · · · · · · · · · · · · · · · · · ·			

CODE DATA:

OCCUPANT LOAD

USE GROUP:

A-3 & B (FIRST LEVEL) B (SECOND LEVEL)

-5B

CONSTRUCTION TYPE:

RCADE (A-3)	186 OCCUPAN
SCAPE ROOM (A-3)	27 OCCUPAN
USINESS (B)	17 OCCUPAN
OTAL	230 OCCUPAN
ECOND LEVEL	

31 OCCUPANTS JSINESS (B) 31 OCCUPANTS TOTAL

BUILDING AREA:

Exceptions

FIRST LEVEL - 8,550 SF SECOND LEVEL - 4,400 SF

2015 MICHIGAN BUILDING CODE

SECTION 508 MIXED USE AND OCCUPANCY

508.2 Accessory occupancies. Accessory occupancies are those occupancies that are ancillary to the main occupancy of the building or portion thereof. Accessory occupancies shall comply with the provisions of Sections 508.2.1 through 508.2.4

508.2.1 Aggregate accessory occupancies shall not occupy more than 10% of the building area of the story in which they are located and shall not exceed the tabular values in Table 503.

508.2.2 Occupancy classification. Accessory occupancies shall be individually classified in accordance with Section 302.1. The requirements of this code shall apply to each portion of the building based on the occupancy classification of that space.

SECTION 903 AUTOMATIC SPRINKLER SYSTEMS

903.2.1.2 Where required Group A-3. An automatic sprinkler system shall be provided for Group A-3 occupancies were one of the following conditions exists: 1. The fire area exceeds 12,000 square feet

2. The fire area has an occupant load greater than 300 or more.

3. The fire area is located on a floor other than a level of exit discharge serving such occupancies

SECTION 1007 ACCESSIBLE MEANS OF EGRESS

1007.1 Accessible means of egress required. Accessible means of egress shall comply with this section. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress is required by Section 1015.1 or 1019.1 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.

Exceptions:

1. Accessible means of egress are not required in alterations to existing buildings.

2. One accessible means of egress is required from an accessible mezzanine level in accordance with Section 1007.3, 1007.4 or 1007.5.

3. In assembly spaces with sloped floors, one accessible means of egress is required from a space where the common path of travel of the accessible route for access to the wheelchair spaces meets the requirements in Section 1025.8.

1007.2 Continuity and components. Each required accessible means of egress shall be continuous to a public way and shall consist of one or more of the following components:

1. Accessible routes complying with Section 1104.

2. Stairways within vertical exit enclosures complying with Sections 1007.3 and 1020.

3. Exterior exit stairways complying with Sections 1007.3 and 1023.

4. Elevators complying with Section 1007.4.

5. Platform lifts complying with Section 1007.5.

6. Horizontal exits complying with Section 1022.

7. Ramps complying with Section 1010.

8. Areas of refuge complying with Section 1007.6.

Exceptions:

1. Where the exit discharge is not accessible, an exterior area for assisted rescue must be provided in accordance with Section 1007.8.

2. Where the exit stairway is open to the exterior, the accessible means of egress shall include either an area of refuge in accordance with Section 1007.6 or an exterior area for assisted rescue in accordance with Section 1007.8.

SECTION 1008 DOORS

1008.1.1 Size of doors. The minimum width of each door opening shall sufficient for the occupant load thereof and shall provide a clear width of 32 inches. 1008.1.2 Door swing. Egress doors shall be of the pivoted or side-hinged swinging type. Doors shall swing in the direction of egress travel where serving a room or are containing an occupant load of 50 or more.

SECTION 1011 EXIT SIGNS

1011.1 Where required. Exits and exit access doors shall be marked by an approved exist sign readily visible from any direction of egress travel.

Classification	Description	Water Closets		Lavatories		Drinking	Other
classification	Description	Male	Female	Male	Female	Fountain	One
A-3	Auditoriums without permanentseating, art galleries,exhibition halls, museums,lecture halls, libraries,arcades and gymnasiums	1 per 125	1 per 65	1 per 200	1 per 200	1 per 500	1 service sink
В	Buildings for the transactionof business, professional services, otherservices involving merchandise,office buildings,banks, lightindustrial and similar uses	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50	1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80	1 per 200	1 per 200	1 per 100	1 service sink

Classification	Total Number of Occupants	Water	Lavatories		Drinking	Other	
Classification		Male	Female	Male	Female	Fountain	Onner
1st Floor Level -(A-3)	213	1	1	1	1	1	1
1st Floor Level -(B)	17	I					
2nd Floor Level -(B)	31	1	1	1	1	1	1









OAK STREET

I

PUBLIC ALLEY

	UFA	PROPOSED	REQ'D
g Sec. 94-292 & Table 100-5	Square Feet	# Spaces	# Spaces
(A-3) - Video Arcade, Escape Room - 1 per 100 sq. ft. UFA			
	3608		37
(B) - General Offices - 1 per 200 sq. ft. UFA			
	1632		9
	3096		16
Total Parking Spaces		11	62
Accessible Spaces (ADA)		1	

Usable floor area (UFA) means the area used for or intended to be used for the display or sale of merchandise or services, or for use to serve patrons, clients, customers, or occupants. Such floor area which is used or intended to be used for hallways, stairways, elevator shafts, closets, columns, thickness of walls, utility or sanitary facilities shall be excluded from the computation of usable floor area. For office, merchandising, or service uses, those areas used for storage or processing merchandise or where customers, patients, clients and the general public are denied access shall be excluded from the computation of usable floor area. Measurement of usable floor area shall be the sum of the horizontal areas of each story of a structure measured from the internal

faces of the exterior walls.







OAK STREET

1	UFA	PROPOSED	REQ'D
	Square Feet	# Spaces	# Space
UFA	NO. 1978		
	3608		37
	1632		9
	3096	1	16
thing fages		11	42
ning spuces		11	02

Plan Site



DESCRIPTION

The Lumark Axcent LED wall mount luminaire provides a flush-mounted, architectural design with high performing, energy-efficient illumination resulting in up to 95% energy and maintenance savings over traditional sources. The die-cast aluminum construction along with stainless steel hardware, gasketed housing, and sealed optical compartment make the Axcent impervious to contaminants. The Axcent replaces 70W to 450W metal halide equivalents making it ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways, loading docks and floodlighting applications.

SPECIFICATION FEATURES

Construction

Low-profile LED design with rugged die-cast aluminum housing. Matching housing styles incorporate both a full cutoff and refractive lens design. External fin design on the back of the fixture extracts heat from the surface resulting in a thermally optimize design for longer luminaire life. One-piece silicone gasket seals the fixture, keeping out moisture and dusts in compliance with IP66 rating. The fixture is 3G vibration rated (ANSI C136.31) and UL/cUL listed ensuring reliability and durability in wall mount applications.

Optical

Silicone-sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Refractive lens models incorporate a molded lens assembly designed for maximum forward throw. Optional glare free lens is available for visual comfort at reduced lumen values. Available in Type IV distribution with lumen packages ranging from 1,800 to 17,300 nominal lumens. Light engine configurations consist of high-efficiency, discrete LEDs mounted to metal-core circuit boards to maximize heat

dissipation and promote long life. Offered in standard 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 5000K CCT / 70CRI min and 3000K / 80CRI min are available.

Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. Integral LED electronic driver incorporates 6kV surge protection. Class 1 electronic drivers have a power factor >90% and THD<20%. 120-277V 50/60Hz standard operation with optional 347V 60Hz or 480V 60Hz options available. 480V is compatible for use with 480V Wye systems only. 0-10V dimming driver is standard with leads external to the fixture to accommodate controls capability such a dimming and occupancy. 10kV/10kA surge protection option is available.

Mounting

Steel wedge mounting plate fits directly to 4" standard j-box or directly to wall with the "Hook-N-Lock" mechanism for quick installation. Secure with two captive, corrosion resistant, stainless steel set screws, which are concealed but accessible from bottom of fixture. Optional floodlight kits available in slipfitter,

Lumark

Catalog #	Туре
Project	
Comments	Date
Prepared by	

knuckle and trunnion mount configurations. Optional pole mount configuration provides a quick-mount solution to round and square poles. The easy installation arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8".

Emergency Egress

Optional integral cold weather battery emergency egress includes emergency operation test switch, an AC-ON indicator light and a premium, maintenance-free battery pack. The separate emergency lighting LEDs are wired to provided redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

Finish

The Axcent is protected with five state super TGIC polyester powder coat paint in carbon bronze and five other color finishes. Super TGIC power coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

Warranty

Deep Back Housing

Five-year warranty.





AXCS / AXCL AXCENT

14-123W LED

APPLICATIONS: WALL / SURFACE / INVERTED FLOODLIGHTING / PATHWAY / SITE LIGHTING



PROGRESS Report

CERTIFICATION DATA 3G Vibration Rated

DesignLights Consortium® Qualified* FCC Class A IP66 Rated ISO9001, UL/cUL Wet Location Listed LM79/LM80 Compliant ROHS Compliant Title 24 Compliant UL924 Listed (CBP Models)

TECHNICAL DATA

-40°C Minimum Ambient Temperature +40°C Maximum Ambient Temperature External Supply Wiring 90°C Minimum

SHIPPING DATA:

Approximate Net Weight: Small fixture=5 lbs. [2.36 kgs.] Small with sensor or CBP=10 lbs. [4.40 kgs.] Large fixture=12 lbs. [5.45 kgs.] Large with sensor or CBP=17 lbs. [7.73 kgs.] Large with sensor & CBP=21 lbs. [9.54 kgs.]



TD514036EN September 25, 2019 8:03 AM

DIMENSIONS







	AXCS Small	AXCL Large
А	8" [202mm]	11-1/2" [292mm]
В	7-1/2" [190mm]	10-3/4" [273mm]
С	3-5/8" [94mm]	4-7/8" [124mm]
D	6-1/8" [155mm]	7-1/8" [181mm]



MOUNTING OPTIONS







Trunnion Mount (Small)





Trunnion Mount (Large)



Trunnion Mount Detail



Wall Mount Plate Detail (Small)





Knuckle Mount (Small)





Slipfitter Mount (Large) Tenon OD: 2-3/8" to 2-7/8" | EPA: 1.10



Pole Mount Arm (Shown with Large fixture) Drill Pattern EPA: 1.1



Through-branch Wiring (Available through rated junction box - supplied by others)



Wall Mount Plate Detail (Large)







Eaton 1121 Highway 74 South Peachtree City, GA 30269 P: 770-486-4800 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

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CONTROL OPTIONS

VANDAL SHIELD AND WIRE GUARD OPTIONS



CONTROL OPTIONS

0-10V

This fixture is offered standard with 0-10V dimming driver(s) for use with a lighting control panel or other control method.

Photocontrol (PC1, PC2, and PC)

Optional button-type photocontrol provides a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels.

After Hours Dim (AHD)

This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (MSP/DIM-LXX and MSP-LXX)

These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

These occupancy sensors includes an integrated photocell that can be activated with the ISHH-01 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.



For mounting heights from 8' to 12' (-L12)



LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The LumaWatt Pro system is a peer-to-peer wireless network of luminaire-integral sensors for any sized project. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication. The end-user can securely create and manage sensor profiles with browser-based management software. The software will automatically broadcast to the sensors via wireless gateways for zone-based and individual luminaire control. The LumaWatt Pro software provides smart building solutions by utilizing the sensor to provide easy-to-use dashboard and analytic capabilities such as improved energy savings, traffic flow analysis, building management software integration and more.

For additional details, refer to the LumaWatt Pro product guides.







Eaton 1121 Highway 74 South Peachtree City, GA 30269 Specifications and pr: 770-486-4800 dimensions subject to www.eaton.com/lighting change without notice

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POWER AND LUMENS (AXCENT SMALL)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A	AXCS5A
Power (Watts)		14	21	27	44	52
Input Curre	nt @ 120V (A)	0.12	0.18	0.23	0.37	0.43
Input Curre	nt @ 240V (A)	0.06	0.09	0.11	0.18	0.22
Input Curre	nt @ 277V (A)	0.05	0.08	0.10	0.16	0.19
Input Curre	nt @ 347V (A)	0.04	0.06	0.08	0.13	0.15
Input Current @ 480V (A)		0.03	0.04	0.06	0.09	0.11
Configurati	on					
	4000K/5000K Lumens	1,806	2,561	3,537	5,520	6,300
Full Cutoff	3000K Lumens	1,526	2,164	2,989	4,665	5,324
	BUG Rating	B1-U0-G0	B1-U0-G0	B1-U0-G0	B2-U0-G1	B2-U0-G1
	4000K/5000K Lumens	1,915	2,716	3,704	5,858	6,699
Refractive Lens	3000K Lumens	1,618	2,295	3,130	4,950	5,661
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U4-G3	B1-U4-G3

POWER AND LUMENS (AXCENT LARGE)

Light Engine	•	AXCL6A	AXCL8A	AXCL10A	AXCL12A	
Power (Watts)		56	72	102	123	
Input Curren	nt @ 120V (A)	0.44	0.60	0.83	1.01	
Input Curren	nt @ 240V (A)	0.22	0.31	0.41	0.51	
Input Curren	nt @ 277V (A)	0.20	0.27	0.36	0.45	
Input Curren	nt @ 347V (A)	0.17	0.22	0.30	0.37	
Input Curren	nt @ 480V (A)	0.13	0.16	0.22	0.27	
Configuratio	Configuration					
	4000K Lumens	7,594	9,696	13,283	16,823	
Full	5000K Rating	7,465	9,531	13,058	16,538	
Cutoff	3000K Lumens	6,619	8,450	11,577	14,662	
	BUG Rating	B1-U0-G1	B1-U0-G1	B3-U0-G2	B3-U0-G2	
	4000K Lumens	7,809	9,970	13,641	17,346	
Refractive	5000K Rating	7,689	9,817	13,450	17,034	
Lens	3000K Lumens	6,817	8,704	11,924	15,102	
	BUG Rating	B1-U4-G4	B2-U5-G5	B2-U5-G5	B2-U5-G5	

LUMEN MAINTENANCE (AXCENT SMALL)

AXCS / AXCL AXCENT

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (72,000 Hours)					
Up to 3A	Up to 3A						
25°C	90%	246,000					
40°C	90%	225,000					
50°C	89%	195,000					
Up to 5A							
25°C	89%	240,000					
40°C	88%	223,000					
50°C	87%	186,000					

LUMEN MAINTENANCE (AXCENT LARGE)

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (72,000 Hours)					
Up to 8A	Up to 8A						
25°C	94%	556,000					
40°C	94%	556,000					
50°C	92%	340,000					
Up to 10A	Up to 10A						
25°C	94%	556,000					
40°C	94%	478,000					
50°C	87%	207,000					
Up to 12A							
25°C	94%	151,000					
40°C	81%	125,000					

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.97

POWER AND LUMENS (SMALL + CBP)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A	
Power (Watts)		18	25	31	48	
Input Current @ 120V (A)		0.15	0.21	0.26	0.40	
Input Curre	nt @ 240V (A)	0.08	0.11	0.13	0.20	
Input Curre	nt @ 277V (A)	0.07	0.09	0.11	0.18	
Configuration						
Full	4000K/5000K Lumens	629	587	647	570	
Cutoff	3000K Lumens	531	496	547	482	
Refractive	4000K/5000K Lumens	667	623	686	605	
Lens	3000K Lumens	563	526	580	511	

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.

POWER AND LUMENS (LARGE + CBP)

Light Engine		AXCL6A	AXCL8A	AXCL10A	
Power (Watts)		81	97	127	
Input Current @ 120V (A)		0.65	0.81	1.04	
Input Curren	nput Current @ 240V (A)		0.33 0.41 0.52		
Input Curren	t @ 277V (A)	0.29	0.36	0.45	
Configuratio	Configuration				
Full	4000K/5000K Lumens	1,340			
Cutoff	3000K Lumens	1,168			
Refractive Lens	4000K/5000K Lumens	1,380			
	3000K Lumens	1,203			

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.



ORDERING INFORMATION Sample Number: AXCS1A-AP-347V

Model Series ¹	LED Color Temperature	Color	Options (Add as Suffix)			
Full Cutoff	[Blank]=4000K, Neutral	[Blank]=Carbon Bronze (Standard)	347V =347V ²			
AXCS1A=14W	C =5000K, Cool	WT=Summit White	480V =480V ²			
AXCS2A=21W	W=3000K, Warm	BK=Black	PC1=Photocontrol 120V ^{3, 4, 5}			
AXCS3A=27W		AP=Grey	PC2=Photocontrol 208-277V, 347V, 480V 4, 5, 6			
AXCS4A=44W		GM=Graphite Metallic	PC=Photocontrol 120-277V, 347V, 480V ^{4,7,8}			
AXCS5A=52W	κ	DP=Dark Platinum	KKIT=Knuckle Floodlight Mount 7			
AXCL6A=56W	$^{\prime}$		TRNKIT=Trunnion Floodlight Mount			
AXCL8A=72W			SFKIT=Slipfitter Floodlight Mount			
AXCL10A=102W			PMAKIT=Pole Mount Arm			
AXCL12A=123W			LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{4,9}			
Refractive Lens			LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height 4.9			
AXCS1ARL=14W	│	hese are the lights	MSP/DIM-L12=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height ^{4, 9, 10}			
AXCS2ARL=21W			MSP/DIM-L30=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height 4', 9'			
AXCS3ARL=27W	I IV	ve are proposing	MSP-L12=Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height 4, 9, 10			
AXCS4ARL=44W	_		MSP-L30=Integrated Sensor for UN/OFF Operation, 12" - 30" Mounting Height ", ", "			
AXCS5ARL=52W			10K -10k//10k A Surge Protection			
AXCL6ARL=56W			$HA = 50^{\circ}C$ High Ambient ^{12, 16}			
AXCL8ARL=72W			GRE-Glare Reducing Lens ¹⁷			
AXCL10ARL=102W			AHD145=After Hours Dim 5 Hours ^{5, 18}			
AXCL12ARL=123W			AHD245=After Hours Dim, 6 Hours ^{5, 18}			
			AHD255=After Hours Dim, 7 Hours ^{5, 18}			
			AHD355=After Hours Dim, 8 Hours ^{5, 18}			
Accessories (Order Se	parately) ¹⁹					
VS/AXCS=Vandal Shie	eld Axcent Small 7, 20					
VS/AXCS-MS=Vandal	Shield Axcent Small (With	Motion Sensor) 7, 20				
WG/AXCS=Wire Guar	d Axcent Small 7					
WG/AXCS-MS=Wire (Guard Axcent Small (With N	lotion Sensor) ⁷				
VS/AXCL=Vandal Shie	eld Axcent Large ^{5, 20}					
VS/AXCL-MS=Vandal	Shield Axcent (With Motion	n Sensor) ^{5, 20}				
WG/AXCL=Wire Guard	d Axcent Large ⁵	•				
WG/AXCL-MS=Wire	WG/AXCL-MS=Wire Guard Axcent (With Motion Sensor) ⁵					
KKII/AXCS-XX=Knuckle and Visor Floodiight Kit (For Axcent Small) '						
STRIVARGS-AR-SIDPILLET Floodinght Rul (For Ascent Small) /						
TRINKIT/AGG*AA-Induition and vision Flooding III KII (FUFAKENIK SIIIdii)*						
SEKIT.XX - Slinitist Floadlight Kit (Er Avent Large)						
MAKIT-XX=Pole Mount Kit						
ISHH-01=Integrated Sensor Programming Remote ²¹						
MA1010-XX=Sinale Te	MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon					
MA1011-XX=2@180° T	enon Adapter for 3-1/2" O.D). Tenon				
MA1017-XX=Single Te	non Adapter for 2-3/8" O.D.	Tenon				
MA1018-XX=2@180° T	MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon					

NOTES:

1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.

2. Transformer used only when ordered with motion sensor or AXCS1 through AXCS5 or AXCL6 fixture wattages

3. Not available in 347 or 480 VAC.

4. Button photocontrol and any motion sensor not offered together.

5. Only available on AXCL6-AXCL12 models.

6. Used with 277, 347, and 480 VAC options.

7. Only available on AXCS1-AXCS5 models.

8. This configuration may contain materials that are not RoHS compliant. Contact your lighting representative for more information.

9. Uses deep back housing

10. The ISHH-01 accessory is required to adjust parameters.

11. Ambient operating temperature -20°C to 25°C for AXCL6 through AXCL10. Ambient operating temperature -20°C to 30°C on AXCS4 models. Ambient operating temperature -20°C to 40°C on AXCS1

through AXCS3 models. 12. Not available with AXCS5 or AXCL12 models.

13. Uses deep back housing for AXCS1, AXCLS2, AXCS3, and AXCS4 models.

14. Not to be mounted in upwards / inverted orientation. Downlight wall mount only for AXCS1 through AXCS4. 15. In AXCS1, AXCS2, AXCS3, and AXCS4 models, CBP cannot be used with any sensor option (PC, MSP, LWR).

16. Can not be ordered with CBP or PC options.

17. Use dedicated IES files on product website for lumen values and distributions.

18. Requires the use of PC1 or PC2 button photocontrol. See After Hours Dim supplemental guide for additional information

19. Replace XX with color designation.

20. For use with full cutoff lens configurations only.

21. This tool enables adjustment to parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult you lighting representative at Eaton for more information.

STOCK ORDERING INFORMATION

Model Series 1					
Full Cutoff		Refractive Lens			
AXCS1A=14W	AXCL10A=102W	AXCS1ARL=14W	AXCL10ARL=102W		
AXCS2A=21W	AXCL12A=123W	AXCS2ARL=21W	AXCL12ARL=123W		
AXCS3A=27W	AXCL6A-347V=56W	AXCS3ARL=27W	AXCL6ARL-347V=56W		
AXCS4A=44W	AXCL8A-347V=72W	AXCS4ARL=44W	AXCL8ARL-347V=72W		
AXCS5A=52W	AXCL10A-347V=102W	AXCS5ARL=52W	AXCL10ARL-347V=102W		
AXCL6A=56W	AXCL12A-347V=123W	AXCL6ARL=56W	AXCL12ARL-347V=123W		
AXCL8A=72W		AXCL8ARL=72W			

NOTES:

1. All stock configuations are 4000K color temperatures, standard Carbon Bronze finish, and wall mount configuration.



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