



2 WALLPACK (WP1) & (WP2)
DP-46 SCALE: NONE

LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL	LAMP			MOUNTING	DESCRIPTION	VOLTAGE	TOTAL WATTS	NOTES
			QTY.	WATT	TYPE					
WP1	LITHONIA	WDGE2 LED P3 40K 80CRI T4M	1	32.1	LED	WALL	WALL PACK LED	120	32.1	1,2
WP2	LITHONIA	WDGE2 LED P4 40K 80CRI T4M	1	46.7	LED	WALL	WALL PACK LED	120	46.7	1,2

- NOTES:
 1) LIGHTING FIXTURE TO BE CONTROLLED VIA LIGHTING CONTROL PANEL WITH TIME CLOCK AND PHOTOCELL.
 2) CONFIRM ALL LIGHT FIXTURE SELECTIONS WITH TENANT PRIOR TO ORDERING. THIS INCLUDES COLORS, COLOR TEMPERATURES, MANUFACTURER, ETC.

CALCULATION ZONE STATISTICS

DESCRIPTION	SYMBOL (fc)	AVERAGE (fc)	MAXIMUM (fc)	MINIMUM (fc)	MAX./MIN. (fc)	AVG./MIN. (fc)
DRIVE WAY/SIDE WALKS	+	2.2	5.6	0.5	11.2:1	4.4:1
LOT LINE	+	.1	2.7	0.0	-	-

LIGHT FIXTURE NOTE:

ALL LIGHTING FIXTURES SHALL BE FULL CUT-OFF OR HAVE SHIELDING TO REDUCE OFF-SITE LIGHTING IMPACTS ONTO ADJACENT PROPERTIES AND ROADWAYS. ALL EXTERIOR LIGHTING SHALL BE ARRANGED TO MITIGATE LIGHT DIRECTED AWAY FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY. AN AMENDMENT TO THIS PLAN MAY BE REQUIRED IF THE LIGHTING TYPE IS CHANGED.

CLIENT:

ARCHITECT:

MECHANICAL + ELECTRICAL + PLUMBING
 4445 Northpark Dr. Suite 200
 Colorado Springs, CO 80907
 mcshconsulting.com
 Project #: 24-7349

1.20.2025

OWNERSHIP OF INSTRUMENTS OF SERVICE

All Drawings, Reports, Plans, Specifications, Computer Files (including CAD files), field information, notes, sketches, and other design materials prepared by the Engineer and his/her consultants as instruments of service shall remain the property of the Engineer. The Engineer shall retain all common law, statutory and other reserved rights, including the Copyright.

-PLATTE SELF-STORAGE PHOTOMETRIC-
 6001 East Platte Ave,
 Colorado Springs, Colorado 80915

FULL SET ISSUE HISTORY:

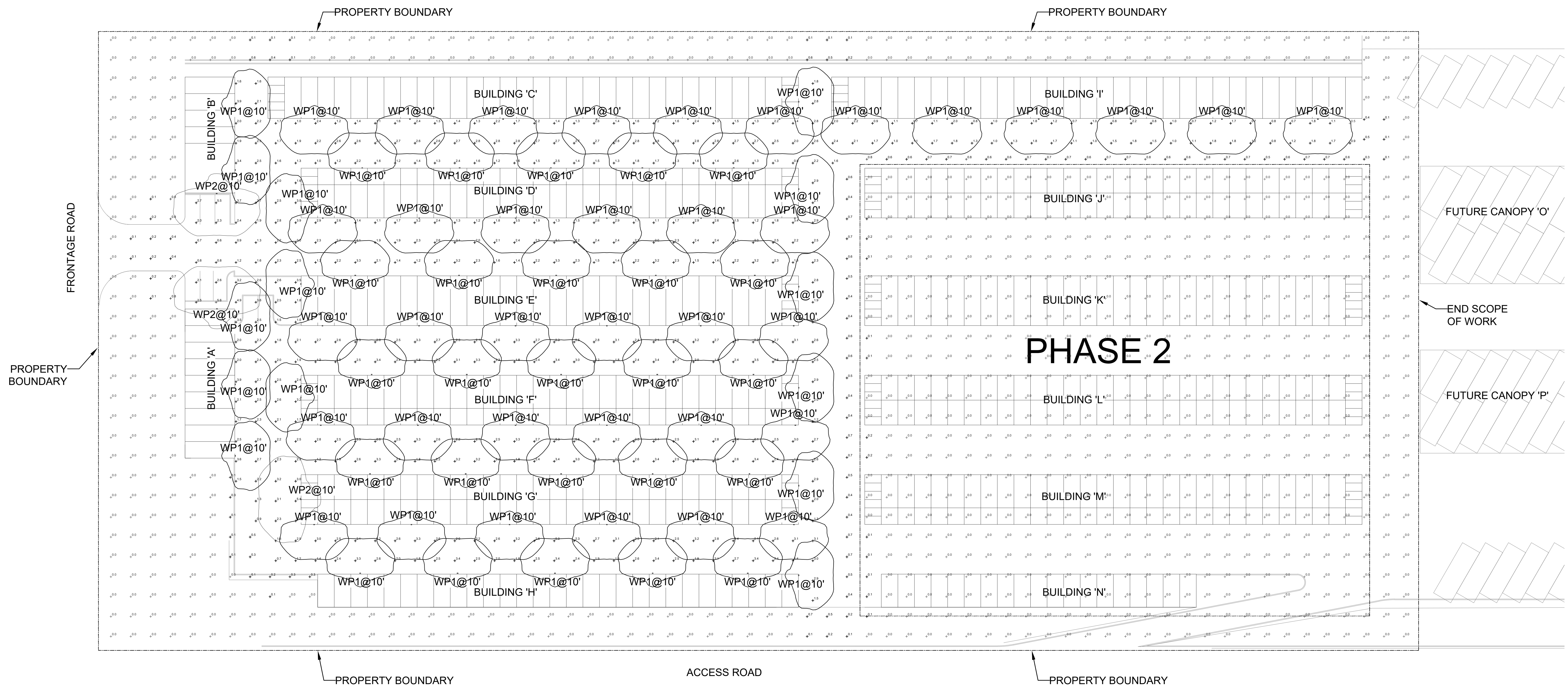
1 - PERMIT	1.20.2025
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△ SHEET REVISION:

PROJECT #: 24-7349
 DRAWN BY: SH
 CHECKED BY: MRM

SHEET

DP-46

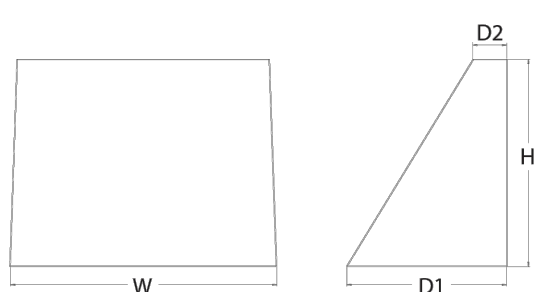


1 SITE PHOTOMETRIC PLAN
DP-46 SCALE: 1/30"=1'-0"



WDGE2 LED Architectural Wall Sconce Precision Refractive Optic

Specifications
Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs (without options)



Catalog Number, Notes, Type

Introduction
The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean, rectangular design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight™ AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details.

WDGE LED Family Overview table with columns for Luminaire, Optics, Standard EM, Cold EM, Sensor, and Approximate Lumens.

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI T3M MVOLT SRM DDBXD table with columns for Series, Package, Color Temperature, CRI, Distribution, Voltage, Mounting, Shipped included, and Shipped separately.

Options table with columns for Option, Description, and Finish.

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Control / Sensor Options

Motion/Ambient Sensor (PIR, PIRH)
Motion/Ambient sensor (Sensor Switch MSCOD) is integrated into the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)
nLight™ AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLARITY™ Pro) based configurability combined together make nLight™ AIR a secure, reliable and easy to use platform.

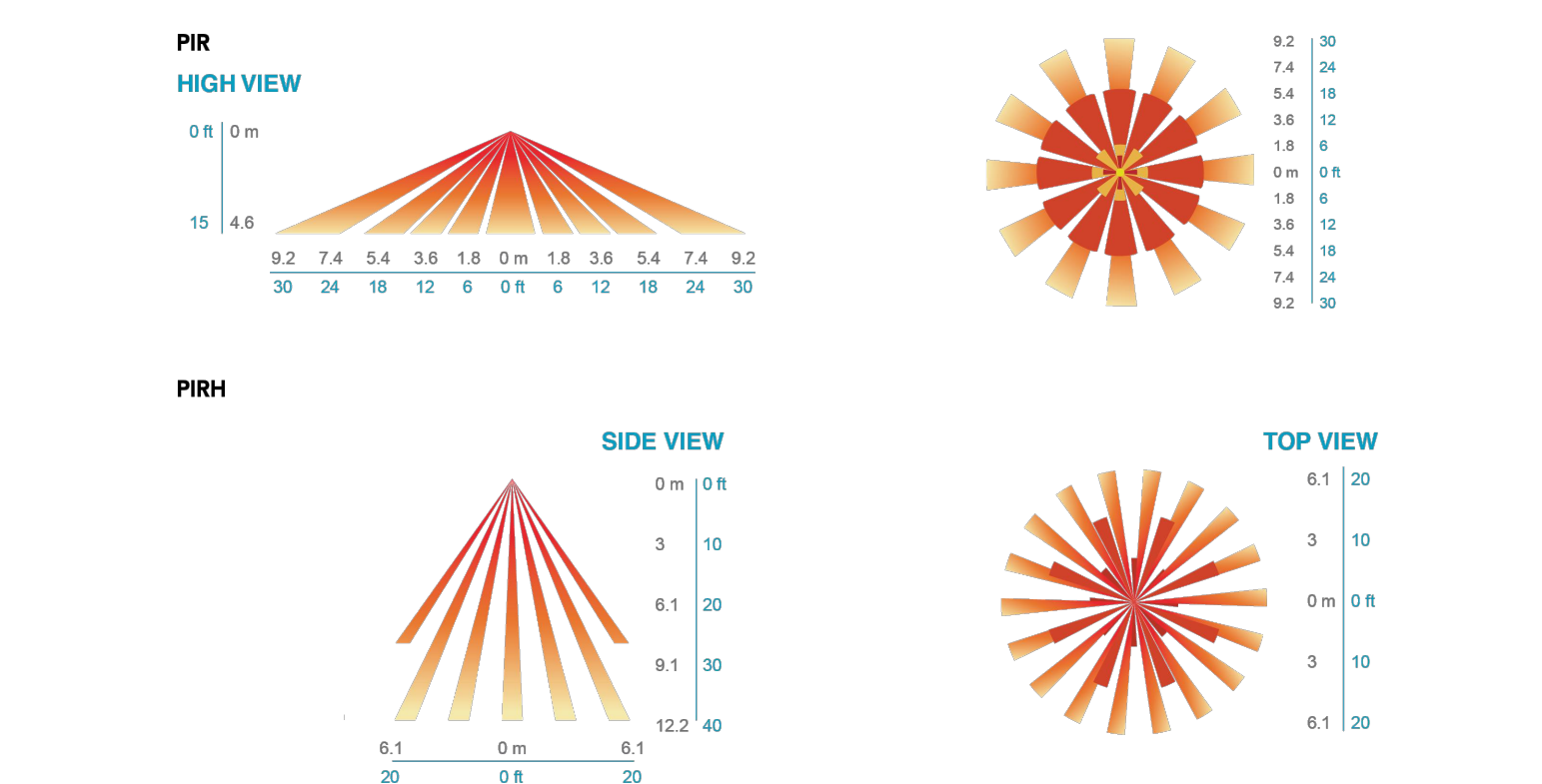


Table with columns for Option, Data Level, High Level when triggered, Photocell option, Motion Time Delay, Range Sens. Type, and Range-up Time.

UL 924 Response – nLight AIR Devices with EM Option
• NLTAIR2M2 devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
• Using the CLARITY™ mobile app, NLTAIR2M2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
• The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.

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Accessories table with columns for Part Number, Description, and Notes.

Performance Data

Lumen Output
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Large performance data table with columns for Performance Package, System, Lumens, LPW, B, U, G, and various beam spread options.

Second performance data table with columns for Performance Package, System, Lumens, LPW, B, U, G, and various beam spread options.

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Mounting, Options & Accessories

Images and descriptions for Motion/Ambient Sensor, PIRH - Surface Mounted Back Box, and AWS - 3/8inch Architectural Wall Spacer.

FEATURES & SPECIFICATIONS
INTENDED USE
Common architectural look, with clean, rectangular shape, of the WDGE LED was designed to blend with any type of construction, whether it be fit-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.
CONSTRUCTION
The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.
FINISH
Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A highly controlled multi-stage process ensures a 3-mil thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.
OPTICS
Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.
ELECTRICAL
Light engine consists of high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to 100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built-in 48V surge protection, which meets a minimum Category C low exposure per ANSI/IEEE C62.41.2. Fixture ships standard with 0-10v dimmable driver.
INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.
LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP65-rated. PIR options are listed for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/DLC/ to confirm which versions are qualified. International Dark-Sky Association (IDA) Starry Sky Seal of Approval (SSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.
GOVERNMENT PROCUREMENT
BABA - Build America Buy American Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.
WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at www.acuitybrands.com/support/warranty/terms-and-conditions.
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

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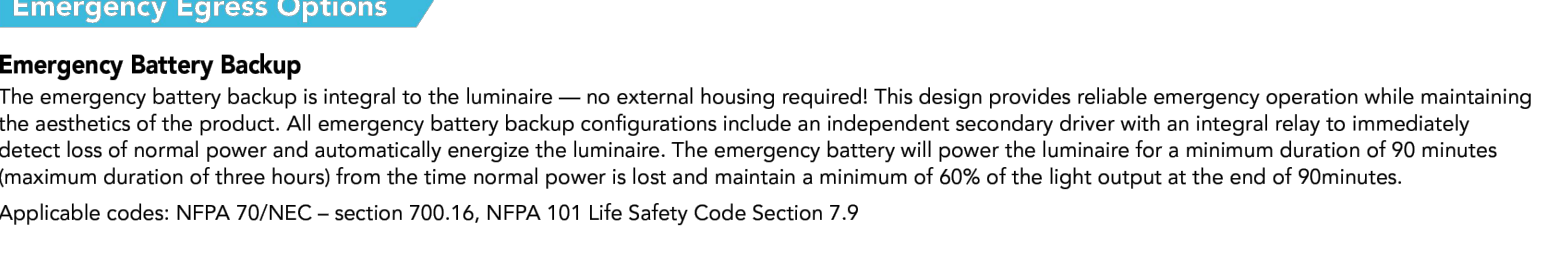
Electrical Load table with columns for Performance Package, System, Voltage, Power, Current, PF, THD, and THF.

Lumen Output in Emergency Mode (4000K, 80 CRI, T3M) table with columns for Option and Lumen.

Lumen Ambient Temperature (LAT) Multipliers table with columns for Ambient and Lumen Multiplier.

Projected LED Lumen Maintenance table with columns for Operating Hours and Lumen Maintenance Factor.

Photometric Diagrams



Emergency Egress Options

Emergency Battery Backup
The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

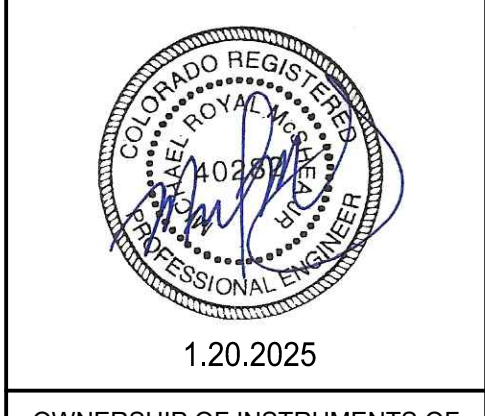
Applicable codes: NFPA 70/NEC — section 700.16, NFPA 101 Life Safety Code Section 7.9

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CLIENT:

ARCHITECT:

McShea Consulting, LLC logo and address: 4445 Northpark Dr., Suite 200, Colorado Springs, CO 80907



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-PLATTE SELF-STORAGE PHOTOMETRIC-
6001 East Platte Ave,
Colorado Springs, Colorado 80915

FULL SET ISSUE HISTORY: 1 - PERMIT 1.20.2025

SHEET REVISION table with columns for Revision, Description, and Date.

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DRAWN BY: SH
CHECKED BY: MRM

SHEET

DP-47