Exhibit A
File No. 211348
4th Amendment to Detailed Planned Development known as Pick & Save
7401 Good Hope Road
December 29, 2021

Previous File History

A Detailed Planned Development (DPD) was established for the entire site in 2004 as File No. 040576 to allow construction of a big box store and two outlot buildings. The DPD was modified in 2005 as File No. 041160 to change the driveway locations along Good Hope Road and add fencing along the eastern property line. In 2005 the 1st Amendment to the DPD (File No. 041703) allowed construction of a multi-tenant commercial building on the east outlot along Good Hope Road, which was subsequently modified in 2011 (File No. 101342) to allow a second drive-through on the east side of the building, which has not been constructed. The 2nd Amendment to the DPD zoning (File No. 061019) was approved in 2007 to allow construction of a commercial building on the west outlot. In 2009, a firm named Boulder Venture 34 LLC proposed the 3rd Amendment to DPD (f.k.a. Home Depot; File No. 081312)) to redevelop a 10.8 acre vacant commercial site that was formerly occupied by Home Depot at 7401 Good Hope Road. The amendment applied only to Lot 1 CSM#7599 and did not include the two out lots. The proposed development remodeled/converted the Home Depot Building to a Pick N' Save grocery store. The existing outdoor garden center was left vacant to be used for seasonal storage and sales.

Project Summary

BDP 76TH and Good Hope RE, LLC, **purchased a lot from** ***Boulder Venture 34 LLC. The lot (Lot 2) was created via CSM #9337 in 2021. The lot is 0.889 acres and is the existing outdoor garden center. The existing garden center is adjacent to the existing grocery store (west side).***

The developer is proposing to demolish the garden center and construct in its place, a free standing 20,000 sq. ft. Planet Fitness athletic center. The building will be located 20' west of the existing Pick N Save and be separately serviced with new water and sanitary sewer laterals. Minor site modifications include surface parking, exterior landscaping, and a refuse dumpster enclosure. The site modifications will include 14 surface parking stalls. The balance of the required parking will be via a shared parking agreement with the Pick & Save development.

Building façade and materials – See enclosed updated rendering for more information. The building will be constructed of steel columns, beams and bar joist roof with all noncombustible type IIB construction. There will be two featured architectural elements – each at prominent locations to the site. One at the main entry facing the north and west and one element at the south west corner facing Highway 76. The building is approximately 20,000 s.f. positioned 20' west of the current Pick & Save Grocery store located at 7401 W. Good Hope Road. The majority of the building is 26'-0" tall and is clad in 61% masonry and glass elements, 17% architectural metal panels (clear anodized in color) and 21% EIFS on the upper portion of the building only and 2% metal trim/ coping. The colors are in the neutral gray tone family with black trim accents, black window and door frames. The window units will be thermally broken with 1" insulated glass, argon filled. There will be limited window units with spandrel panels to block out the tanning areas of the building. We will also have some clear story windows to take advantage of the day light but yet keep some privacy is certain parts of the club, these units will receive a tinting to guard against glare. The majority of the window and door units

will have clear glass. A large part of the internal space will be dedicated to open gym space housing the cardio equipment with reception/check in area, black card area with hydro message and tanning rooms, locker and shower facilities as well as some specialized stretching areas and a mechanical area. Most of the areas will have an exposed type white ceiling with exposed duct work. All areas will be heated and cooled.

The existing parcel is 100% impervious surface. The proposed development will decrease the amount of impervious surface by 16%. The impervious surface will be converted to landscaping.

District Standards (s. 295-907): These standards relate to the subject site, which is Lot 1 of CSM 9337. Refer to File No. 081312 for previous district standards that apply to the grocery store and balance of the site (previously Lot 1 of CSM 7599; now Lot 2 of CSM 9337).

Uses:	***Primary use will be a fitness Center with tentative future use of retail if Planet Fitness would leave***
Design standards:	
Density (sq. ft. of lot area/dwelling unit):	***N/A***
Space between structures:	***20' between fitness center and grocery store***
Setbacks (approximately):	***North (front): 16.2'*** ***South (rear): 44.5'*** ***East (side): 20'*** ***West (side): 24.2'***
Screening:	***Dumpster Enclosure screened with a wall constructed of materials to match the building and further screened with vegetation/landscaping.***
Open space:	***Proposed 16% green space (existing 100%)***
Circulation, parking and loading:	***Pedestrian access: Sidewalks connecting to existing pedestrian access*** ***Automobile access and parking: Site accessed by existing infrastructure from both Good Hope Road and North 76th Street. 14 new parking stalls provided, balance of stalls provided by shared parking agreement with Pick N Save*** ***Bicycle parking: 7 secure bicycle racks provided*** ***Loading: Loading area in the rear (south side) of the building. As a fitness center, loading is minimal.***
Landscaping:	***Proposed Landscaping:*** ***Existing site is 100% impervious, proposed site provides 16% landscape/green space. Landscaping includes foundation plantings, parking lot island plantings, base pylon sign plantings and screening around the dumpster enclosure.*** ***All required vegetation shall be of a quality consistent with the standards of the American association of nurserymen (ANSI 260.1). All required vegetation shall be maintained on an ongoing basis, including seasonal tree and plant replacement.***

	The existing site or interim condition must be maintained in an orderly fashion consistent with the zoning standards of the site prior to rezoning to DPD, including all existing turf and landscaping, until such time that the subject DPD is constructed. All landscaping and required site features shall be installed within a maximum of 30 days total of the City issuing a Certificate of Occupancy (excluding time between December 1 and March 1) for the subject DPD.
Lighting:	***Lighting will be surface mounted on the building for aesthetics and safety/egress. The balance for the shared parking lot with Pick N Save will not change – cut sheets for the proposed lighting are attached.***
Utilities:	***New 6" water service, new 6" sanitary service, and new 12" storm service proposed. All connections will be to utilities that currently service the site.***
Signs (type, square footage, quantity and placement):	***a.*** Freestanding signs: - ***Two pylon signs – one at the 76th entry and one at the Good Hope entry.*** ***1. Signs to be cabin type and internally lit (cabinet to match the existing)*** ***2. Size of sign to be approx.. 12' wide and 4' tall and positioned below the old location of the Pick N Save sign, the top of the old P&S sign will remain at its current height at approximately 20' -0".*** ***b. Building signage – there will be a total of four (4) building mounted signs, two at the main feature architectural elements (main entry and southwest corner);*** ***1. The main entry will receive channeled stacked letters stating "Planet Fitness" in mulberry color – internally lit with a channeled PF logo in front of the lettering, typical both faces – north and west.*** ***2. The south west element will receive channeled letters in a straight line stating "Planet Fitness" mulberry in color – internally lit.*** Temporary signs: ***None*** Other signs: ***None*** Illumination: ***Yes – refer to above***

DPD Owner's Written Narrative

Site Statistics:

Site Statistics	Previously Approved (FN 081312 – 3rd Amend. To DPD) – Entire site (previously Lot 1 of CSM 7599, prior to CSM 9337, which divided the site into two parcels)	Subject Parcel (Planet Fitness – Lot 2 of CSM 9337)	Pick N Save Parcel (Lot 1 of CSM 9337)
Gross land area:	***467,834 sq. ft***	***38,738 sq. ft. (.889 acres)***	***429,096 sq. ft.***
Maximum amount of land covered by principal buildings (approx.):	***130,071 (27.7%)***	***20, 944 Sq. ft.: (54%)***	***109,127 sq. ft. (25.4%)***
Maximum amount of land devoted to parking, drives and parking structures (approx.):	***275,883 sq. ft. (58.9%)***	***11,677 Sq. ft.: (30%):***	***254,939 sq. ft.(54.5%)***
Minimum amount of land devoted to landscaped open space (approx.):	***38,034 sq. ft. (8.1%)***	***6,116 Sq. ft.: (16%)***	***38,034 sq. ft. (8.9%)***
Max proposed dwelling unit density (lot area per dwelling unit):	***NA***	***NA – no dwelling units proposed***	***NA***
Proposed number of buildings:	***1***	***1***	***1***
Max dwelling units:	***NA***	***NA – no dwelling units proposed***	***NA***
Bedrooms per unit:	***NA***	***NA – no dwelling units proposed***	***NA***
Parking spaces provided (approx):	***402***	Automobile spaces: Ratio per residential unit: ***NA*** Spaces per 1000 sq ft for non-residential uses: ***14 (0.7 spaces per 1000 sf of***	***402***

		proposed building to be provided on site. balance by shared parking agreement) Bicycle spaces: ***7*** Note: Number, placement, and type of bicycle parking shall follow the provisions of the zoning code (s. 295-404).	

Time Limit on Zoning:

Per s. 295-907-2-c-11, the DPD zoning designation shall be null and void within 5 years from the effective date of the ordinance amending the zoning map to create the DPD, and the zoning of the property shall be changed to 3rd Amendment to the DPD at that time unless the criteria identified in 295-907-c-11-a and –b are met. The time period specified pursuant to subd. 11 may be extended only by an ordinance amending the DPD, pursuant to s. 295-307.

BEFORE
(2 IDENTICAL SIGNS)

AFTER
(2 IDENTICAL SIGNS)

Customer Approval Date

SPECS: Add new tenant cabinet underneath Pick N Save cabinet. New cabinet to have routed and plex backed faces (only the text illuminates). Lower the pole and pole shroud to maintain the current 20' overall height.

STRATFORD SIGN SALES, LLC
PO BOX 544 • PLOVER, WI 54467 • 715.321.0607

Planet Fitness, Brown Deer, WI, 12/29/21

REVISIONS

	MM/DD/YY	REMARKS
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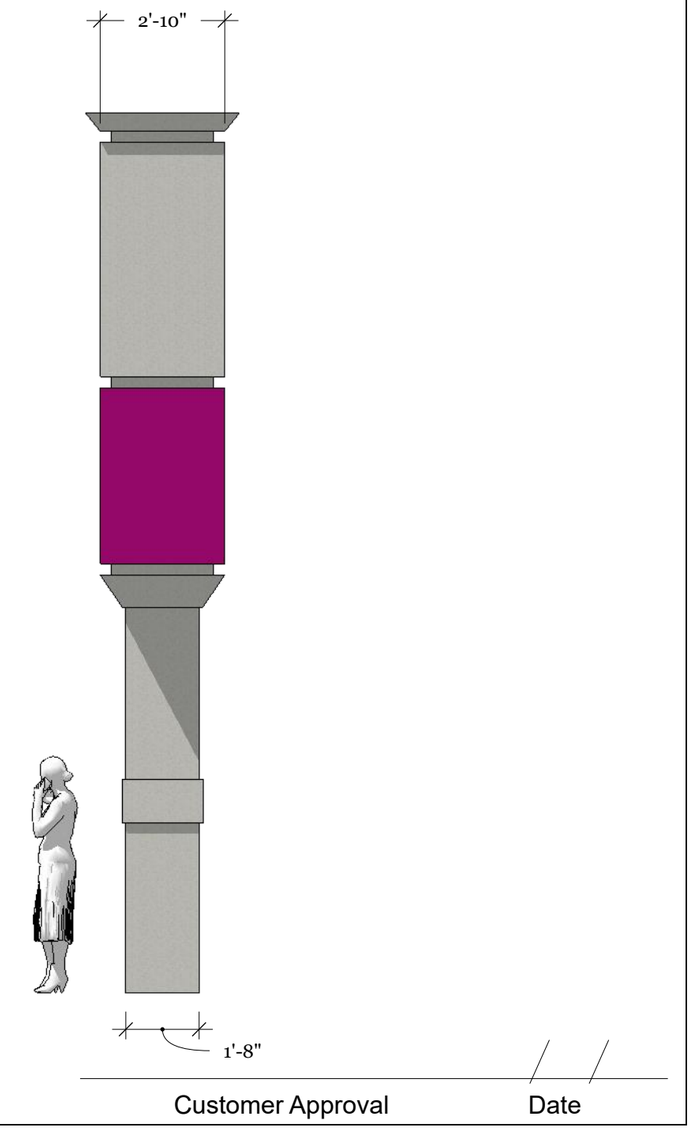
(2 IDENTICAL SIGNS)



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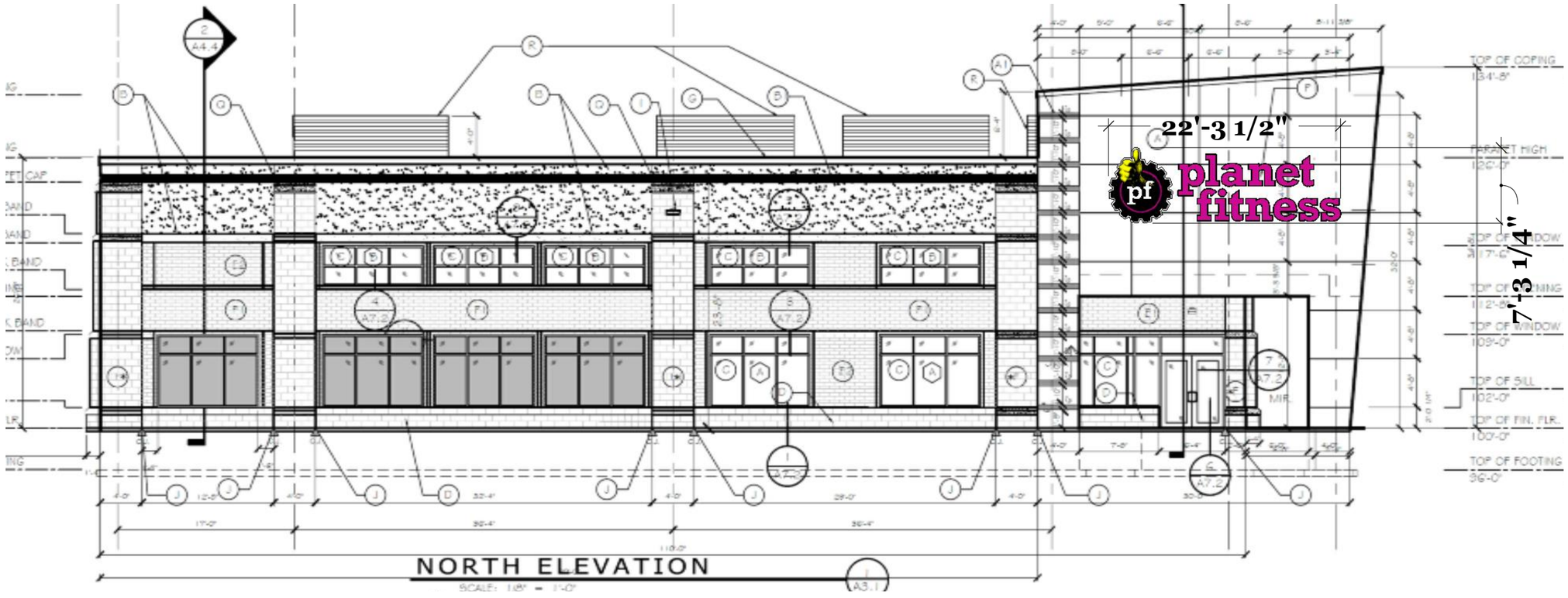
162 sq ft
(36" Tall Letters)



Customer Approval Date

SPECS: Internally Illuminated, Face-lit Channel Letters

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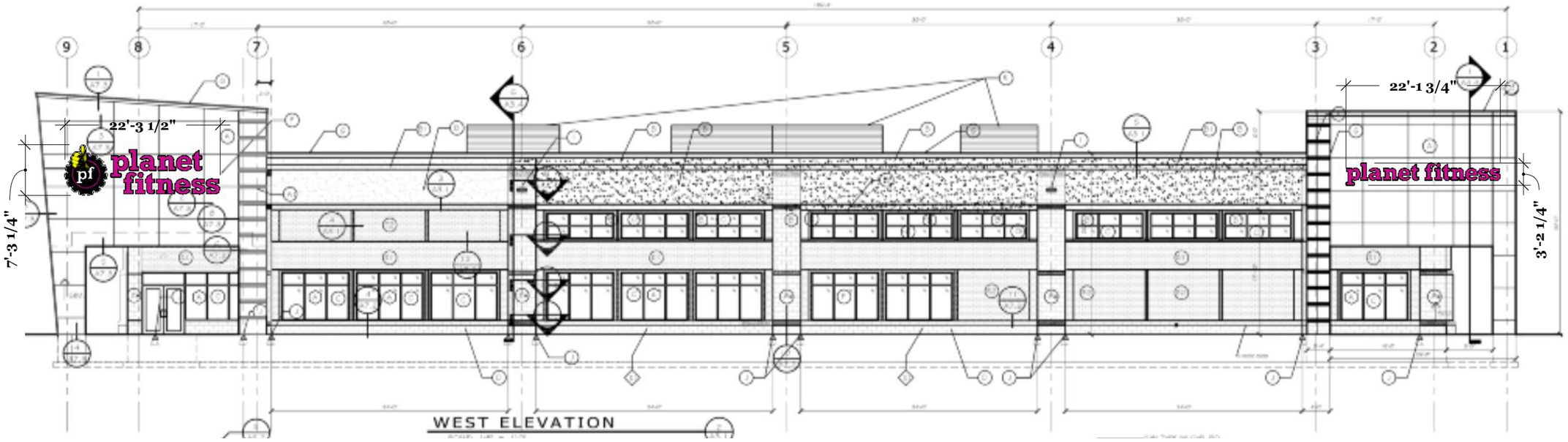
162 sq ft
(36" Tall Letters)

70.6 sq ft
(28 7/8" Tall Letters)



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Planet Fitness, Brown Deer, WI, 12/29/21

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70.6 sq ft
(28 7/8" Tall Letters)

SOUTH ELEVATION

Customer Approval Date

SPECS: Internally Illuminated, Face-lit Channel Letters

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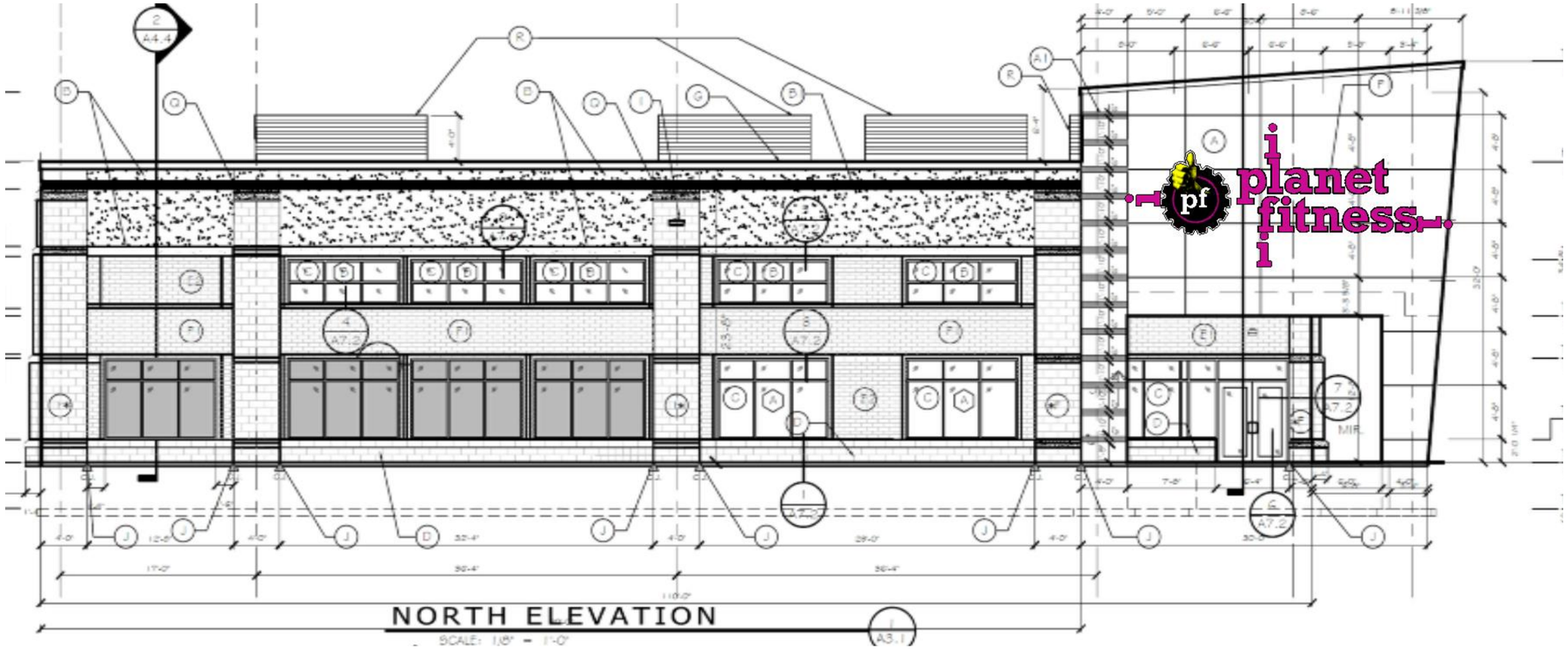
LETTER "i " CLEAR SPACE



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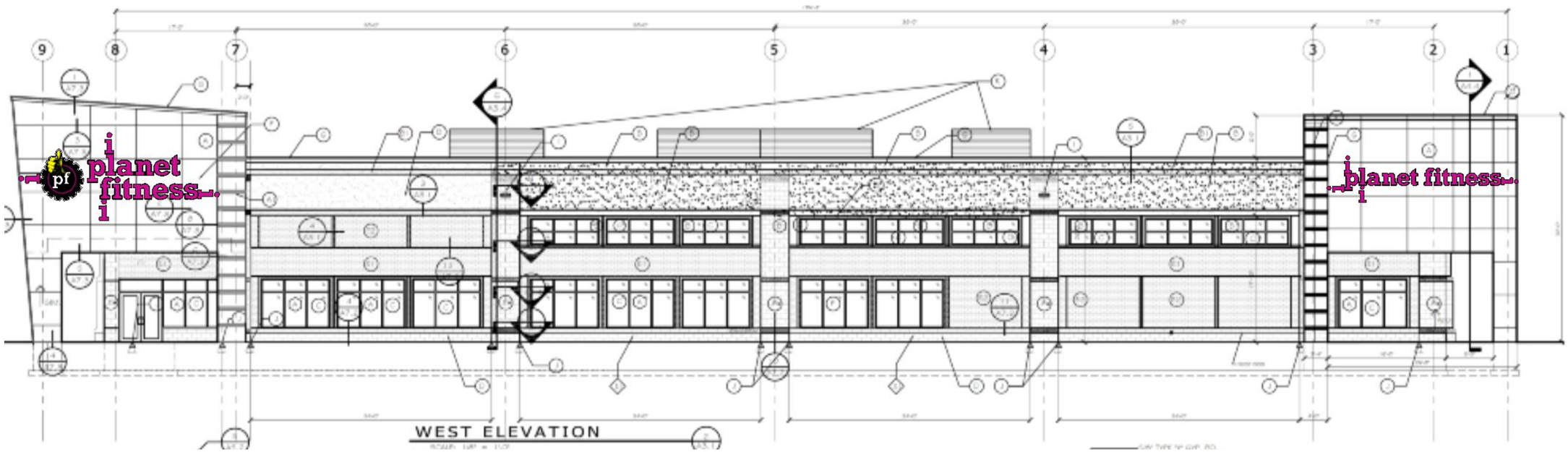

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LETTER "i " CLEAR SPACE

Customer Approval Date

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Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	

McGraw-Edison

GWC Galleon Wall

Wall Mount Luminaire

Product Features

Light ARchitect™

Product Certifications

DLC 1 · DLC PREMIUM 1 · ISO SYSTEMS CERTIFIED · UL CERTIFIED · FC CLASS A · IP66 · ida DARK SKY APPROVED 2 · 5 YEAR LIMITED WARRANTY · BAA BUY AMERICAN ACT COMPLIANT OPTIONS AVAILABLE

Interactive Menu

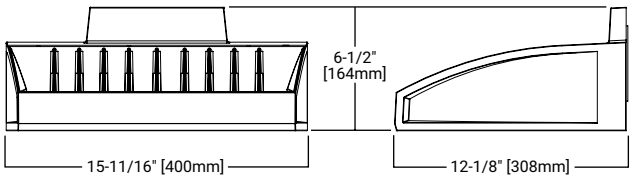
Quick Facts

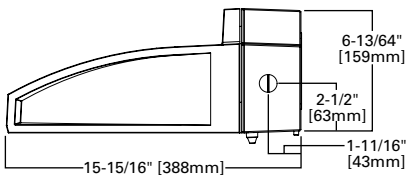
- Choice of thirteen high-efficiency, patented AccuLED Optics™
- Downward and inverted wall mounting configurations
- Eight lumen packages from 3,215 up to 17,056
- Efficacies up to 154 lumens per watt

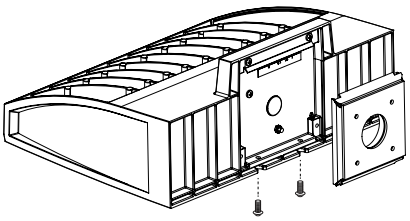
Connected Systems

- WaveLinx
- Enlighted

Dimensional Details







NOTES:
1. Visit https://www.designlights.org/search/ to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified for 3000K CCT and warmer only.

Ordering Information

SAMPLE NUMBER: **GWC-SA2C-740-U-T4FT-GM**

Product Family [1]	Light Engine		Color Temperature	Voltage	Distribution	Finish
	Configuration	Drive Current				
GWC=Galleon Wall **BAA-GWC**=Galleon Wall, Buy American Act Compliant [35] **TAA-GWC**=Galleon Wall, Trade Agreements Act Compliant [35]	**SA1**=1 Square **SA2**=2 Squares [2]	**A**=615mA **B**=800mA **C**=1000mA **D**=1200mA [4]	**722**=70CRI, 2200K **727**=70CRI, 2700K **730**=70CRI, 3000K **735**=70CRI, 3500K **740**=70CRI, 4000K **750**=70CRI, 5000K **760**=70CRI, 6000K **827**=80CRI, 2700K **830**=80CRI, 3000K **AMB**=Amber, 590nm [3, 4]	**U**=120-277V **1**=120V **2**=208V **3**=240V **4**=277V **8**=480V [6,7] **9**=347V [6] **DV**=277-480V DuraVolt Drivers [7, 8, 37]	**T2**=Type II **T3**=Type III **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right **RW**=Rectangular Wide Type I **5NQ**=Type V Square Narrow **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	**Controls and Systems Options** (Add as Suffix)	**Accessories** (Order Separately)[36]
F=Single Fused (120, 277 or 347V. Must Specify Voltage) **FF**=Double Fused (208, 240 or 480V. Must Specify Voltage) **10K**=10kV Surge Module **20K**=Series 20kV UL 1449 Surge Protective Device **20L**=Two-Circuit Light Engine **DIM**=External 0-10V Dimming Leads [9, 10] **CBP**=Battery Pack with Back Box, Cold Weather Rated [2, 4, 14, 33] **CBP-CEC**=Battery Pack with Back Box, Cold Weather Rated, CEC compliant [2, 4, 14] **L90**=Optics Rotated 90° Left **R90**=Optics Rotated 90° Right **HSS**=Factory Installed House Side Shield [23] **GRSBK**=Factory Installed Glare Shield, BK [4, 27] **GRSWH**=Factory Installed Glare Shield, WH [4, 27] **UPL**=Uplight Housing [13] **HA**=50°C High Ambient [12] **LCF**=Light Square Trim Plate Painted to Match Housing [22] **MT**=Factory Installed Mesh Top **CC**=Coastal Construction finish [5] **CE**=CE Marking and Small Terminal Block [24] **AHD145**=After Hours Dim, 5 Hours [16] **AHD245**=After Hours Dim, 6 Hours [16] **AHD255**=After Hours Dim, 7 Hours [16] **AHD355**=After Hours Dim, 8 Hours [16] **DALI**=DALI Driver [11]	**BPC**=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) **PR**=NEMA 3-PIN Twistlock Photocontrol Receptacle **PR7**=NEMA 7-PIN Twistlock Photocontrol Receptacle [15] **SPB1**=Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting [19,34] **SPB2**=Dimming Occupancy Sensor with Bluetooth Interface, 8' - 20' Mounting [19,34] **SPB4**=Dimming Occupancy Sensor with Bluetooth Interface, 21' - 40' Mounting [19,34] **MS-LXX**=Motion Sensor for On/Off Operation [17, 18, 19] **MS/DIM-LXX**=Motion Sensor for Dimming Operation [17, 18, 19] **ZW**=WaveLinx-enabled 4-PIN Twistlock Receptacle [29, 30] **ZD**=WaveLinx Module with DALI driver and 4-PIN Receptacle [29, 30] **SWPD4XX**=WaveLinx Sensor Only, 7'-15' [31, 32] **SWPD5XX**=WaveLinx Sensor Only, 15'-40' [31, 32] **WOBXX**=WaveLinx Sensor with Bluetooth, 7'-15' [31, 32] **WOFXX**=WaveLinx Sensor with Bluetooth, 15'-40' [31, 32] **LWR-LW**=Enlighted Wireless Sensor, Wide Lens for 8'-16' Mounting Height [19, 20, 21] **LWR-LN**=Enlighted Wireless Sensor, Narrow Lens for 16'-40' Mounting Height [19, 20, 21]	**OA/RA1013**=Photocontrol Shorting Cap [28] **OA/RA1016**=NEMA Photocontrol - Multi-Tap 105-285V [28] **OA/RA1201**=NEMA Photocontrol - 347V [28] **OA/RA1027**=NEMA Photocontrol - 480V [28] **MA1252**=10kV Circuit Module Replacement **MA1059XX**=Thru-branch Back Box (Must Specify Color) **LS/HSS**=Field Installed House Side Shield [23, 25] **LS/GRSBK**=Glare Shield, Black [8, 25, 27] **LS/GRSWH**=Glare Shield, White [8, 25, 27] **LS/PFS**=Perimeter Shield, Black **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [17] **WOLC-7P-10A**=WaveLinx Outdoor Control Module (7-pin) [26, 29] **SWPD4-XX**=Wavelinx Wireless Sensor, 7' – 15' Mounting Height [29, 30, 31, 32] **SWPD5-XX**=Wavelinx Wireless Sensor, 15' – 40' Mounting Height [29, 30, 31, 32]

NOTES:

1. DesignLight Consortium® Qualified. Refer to www.designlights.org, Qualified Products List under Family Models for details.
2. Two light squares with CBP options limited to 25°C. CBP not available in combination with sensor options at 1200mA.
3. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option.
4. Not available with HA option.
5. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.
6. Require the use of a step down transformer. Not available in combination with sensor options at 1200mA.
7. 480V not to be used with ungrounded or impedance grounded systems.
8. DuraVolt drivers feature added protection from power quality issues such as loss of neutral, transients and voltage fluctuations. Visit www.signify.com/duravolt for more information.
9. Cannot be used with other control options.
10. Low voltage control leads extended 18" from fixture.
11. Not available in 1200mA. When used with CBP or HA options, only available with single light square.
12. Not available in 1200mA, UPL or CBP options. Available with single light square.
13. Not available with SL2, SL3, SL4, HA, CBP, PR or PR7 options.
14. Operates a single light square only. Operates at -20°C to +40°C. Backbox is non-IP rated. Control option limited to BPC.
15. Compatible with standard 3-PIN photocontrols, 5-PIN or 7-PIN ANSI controls.
16. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information.
17. The FSIR-100 configuration tool is required to adjust parameters such as high and low modes, sensitivity, time delay and cutoff. Consult your lighting representative at Cooper Lighting Solutions for more information.
18. Replace LXX with L08 (<8' mounting), L20 (8'-20' mounting) or L40W (21'-40' mounting.)
19. Includes integral photosensor.
20. Enlighted wireless sensors are factory installed requiring network components in appropriate quantities.
21. White sensor shipped on all housing color options.
22. Not available with HSS or GRS options.
23. Not for use with 5NQ, 5MQ, 5WQ or RW optics. The light square trim plate is painted black when the HSS option is selected.
24. CE is not available with the 1200, DALI, LWR, MS, MS/DIM, BPC, PR or PR7 options. Available in 120-277V only.
25. One required for each light square.
26. Requires PR7.
27. Not for use with T4FT, T4W or SL4 optics.
29. Cannot be used in conjunction with additional photocontrol or other controls systems (BPC, PR, PR7, MS, LWR).
30. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed.
31. Requires ZW or ZD receptacle.
32. Replace XX with sensor color (WH, BZ, or BK).
33. Specify 120V or 277V.
34. Smart device with mobile application required to change system defaults. See controls section for details.
35. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
36. For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
37. Not available in 1 square configuration at 800mA or below.

Product Specifications

Construction

- Driver enclosure thermally isolated from optics for optimal thermal performance
- Die-cast aluminum heat sinks
- IP66 rated housing
- 1.5G vibration rated

Optics

- Patented, high-efficiency injection-molded AccuLED Optics technology
- 13 optical distributions
- IDA Certified (3000K CCT and warmer only)

Electrical

- LED driver assembly mounted for ease of maintenance
- Standard with 0-10V dimming
- Optional 10kV or 20kV surge module
- Suitable for operation in -40C to 40C ambient environments. Optional 50C high ambient (HA) configuration.

Mounting

- Gasketed and zinc plated rigid steel mounting attachment
- "Hook-N-Lock" mechanism for easy installation

Finish

- Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Heat sink is powder coated black
- RAL and custom color matches available
- Coastal Construction (CC) option available

Typical Applications

- Exterior Wall, Walkway

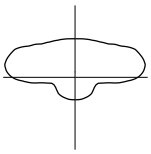
Warranty

- Five-year warranty

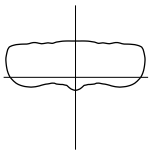
Optical Distributions

Asymmetric Area Distributions

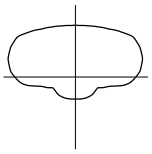
T2 (Type II)



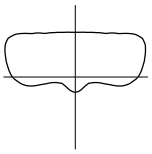
SL2 (Type II with Spill Control)



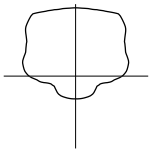
T3 (Type III)



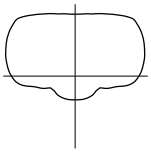
SL3 (Type III with Spill Control)



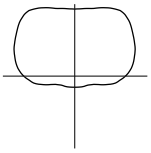
T4FT (Type IV Forward Throw)



T4W (Type IV Wide)

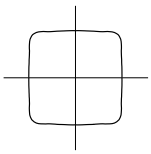


SL4 (Type IV with Spill Control)

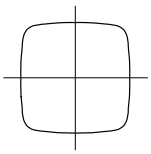


Symmetric Distributions

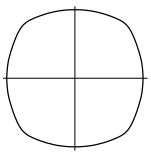
5NQ (Type V Square Narrow)



5MQ (Type V Square Medium)

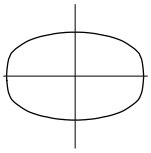


5WQ (Type V Square Wide)

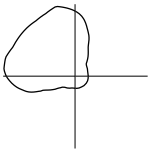


Specialized Distributions

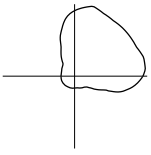
RW (Rectangular Wide Type I)



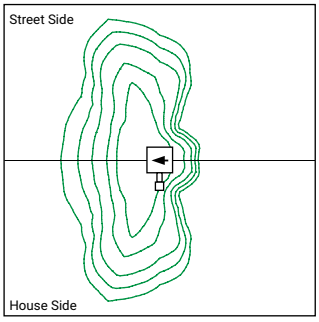
SLL (90° Spill Light Eliminator Left)



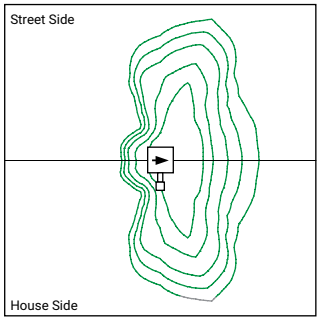
SLR (90° Spill Light Eliminator Right)



Optic Orientation



Optics Rotated Left @ 90° [L90]



Optics Rotated Right @ 90° [R90]

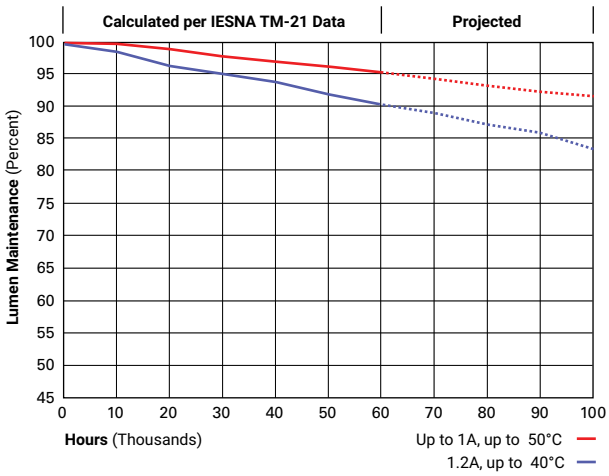
Energy and Performance Data

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0ºC	1.02
10ºC	1.01
25ºC	1.00
40ºC	0.99
50ºC	0.97

Lumen Maintenance

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	> 416,000
1.2A	Up to 40°C	> 90%	> 205,000



Energy and Performance Data

View GWC Galleon Wall IES files

4000K/5000K/6000K CCT, 70 CRI

Number of Light Squares		1				2			
Drive Current		615mA	800mA	1050mA	1.2A	615mA	800mA	1050mA	1.2A
Nominal Power (Watts)		34	44	59	67	66	86	113	129
Input Current @ 120V (A)		0.30	0.39	0.51	0.58	0.58	0.77	1.02	1.16
Input Current @ 208V (A)		0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63
Input Current @ 240V (A)		0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55
Input Current @ 277V (A)		0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48
Input Current @ 347V (A)		0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39
Input Current @ 480V (A)		0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30
Optics									
T2	Lumens	4,883	5,989	7,412	8,131	9,543	11,703	14,485	15,891
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
	Lumens per Watt	144	136	126	121	145	136	128	123
T3	Lumens	4,978	6,105	7,556	8,288	9,729	11,929	14,764	16,196
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	146	139	128	124	147	139	131	126
T4FT	Lumens	5,008	6,140	7,599	8,337	9,783	11,998	14,850	16,290
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	147	140	129	124	148	140	131	126
T4W	Lumens	4,942	6,060	7,502	8,229	9,658	11,843	14,658	16,080
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3
	Lumens per Watt	145	138	127	123	146	138	130	125
SL2	Lumens	4,874	5,979	7,399	8,117	9,528	11,684	14,461	15,863
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G3
	Lumens per Watt	143	136	125	121	144	136	128	123
SL3	Lumens	4,976	6,104	7,555	8,287	9,727	11,927	14,763	16,194
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	146	139	128	124	147	139	131	126
SL4	Lumens	4,729	5,799	7,178	7,873	9,239	11,333	14,025	15,387
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4
	Lumens per Watt	139	132	122	118	140	132	124	119
5NQ	Lumens	5,134	6,296	7,793	8,547	10,033	12,303	15,226	16,704
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
	Lumens per Watt	151	143	132	128	152	143	135	129
5MQ	Lumens	5,228	6,412	7,935	8,705	10,216	12,529	15,508	17,011
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	154	146	134	130	155	146	137	132
5WQ	Lumens	5,242	6,428	7,956	8,728	10,244	12,563	15,548	17,056
	BUG Rating	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	154	146	135	130	155	146	138	132
SLL/SLR	Lumens	4,373	5,365	6,640	7,283	8,547	10,481	12,973	14,231
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	129	122	113	109	130	122	115	110
RW	Lumens	5,087	6,238	7,721	8,472	9,941	12,190	15,088	16,553
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	150	142	131	126	151	142	134	128

*** Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.**

3000K CCT, 80 CRI

Number of Light Squares		1				2			
Drive Current		615mA	800mA	1050mA	1.2A	615mA	800mA	1050mA	1.2A
Nominal Power (Watts)		34	44	59	67	66	86	113	129
Input Current @ 120V (A)		0.30	0.39	0.51	0.58	0.58	0.77	1.02	1.16
Input Current @ 208V (A)		0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63
Input Current @ 240V (A)		0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55
Input Current @ 277V (A)		0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48
Input Current @ 347V (A)		0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39
Input Current @ 480V (A)		0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30
Optics									
T2	Lumens	3,880	4,759	5,890	6,461	7,583	9,300	11,510	12,628
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	114	108	100	96	115	108	102	98
T3	Lumens	3,956	4,851	6,004	6,586	7,731	9,479	11,732	12,870
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	Lumens per Watt	116	110	102	98	117	110	104	100
T4FT	Lumens	3,980	4,879	6,038	6,625	7,774	9,534	11,800	12,945
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	117	111	102	99	118	111	104	100
T4W	Lumens	3,927	4,816	5,961	6,539	7,675	9,411	11,648	12,778
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	116	109	101	98	116	109	103	99
SL2	Lumens	3,873	4,751	5,880	6,450	7,571	9,285	11,491	12,605
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	114	108	100	96	115	108	102	98
SL3	Lumens	3,954	4,851	6,004	6,585	7,729	9,478	11,731	12,868
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	116	110	102	98	117	110	104	100
SL4	Lumens	3,758	4,608	5,704	6,256	7,342	9,006	11,145	12,227
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3
	Lumens per Watt	111	105	97	93	111	105	99	95
5NQ	Lumens	4,080	5,003	6,193	6,792	7,973	9,776	12,099	13,274
	BUG Rating	B2-U0-G0	B2-U0-G1	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
	Lumens per Watt	120	114	105	101	121	114	107	103
5MQ	Lumens	4,154	5,095	6,305	6,917	8,118	9,956	12,323	13,518
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	122	116	107	103	123	116	109	105
5WQ	Lumens	4,166	5,108	6,322	6,936	8,140	9,983	12,355	13,553
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	123	116	107	104	123	116	109	105
SLL/SLR	Lumens	3,475	4,263	5,276	5,787	6,792	8,329	10,309	11,309
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	102	97	89	86	103	97	91	88
RW	Lumens	4,042	4,957	6,135	6,732	7,900	9,687	11,990	13,154
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
	Lumens per Watt	119	113	104	100	120	113	106	102

*** Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.**

Control Options

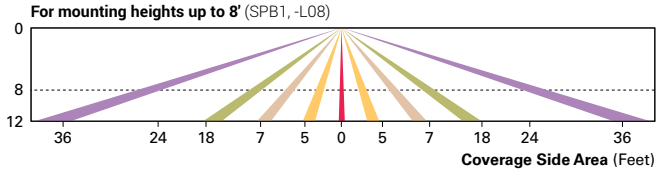
0-10V This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (BPC, PR, and PR7) Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

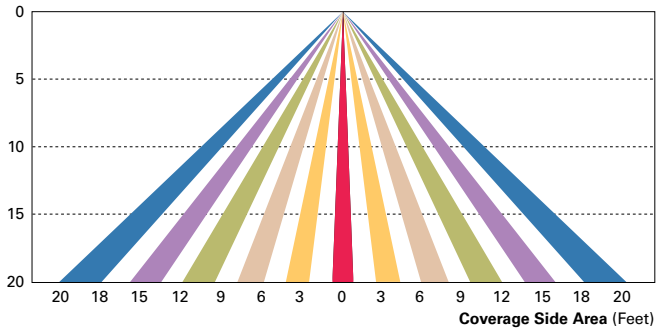
After Hours Dim (AHD) This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the 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 (SPB, MS/DIM-LXX and MS-LXX) These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are 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 MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. SPB motion sensors require the Sensor Configuration mobile application by Wattstopper to change factory default dimming level, time delay, sensitivity and other parameters. Available for iOS and Android devices. The SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes. The MS/DIM occupancy sensors require the FSIR-100 programming tool to adjust factory defaults.

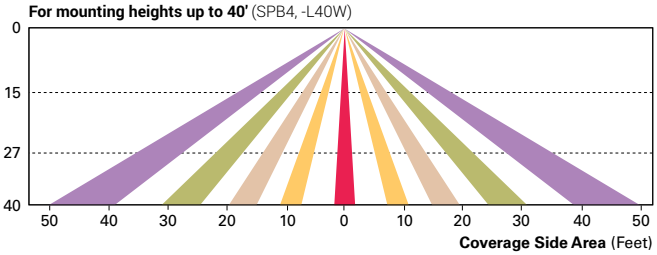
For mounting heights up to 8' (SPB1, -L08)



For mounting heights up to 20' (SPB2, -L20)

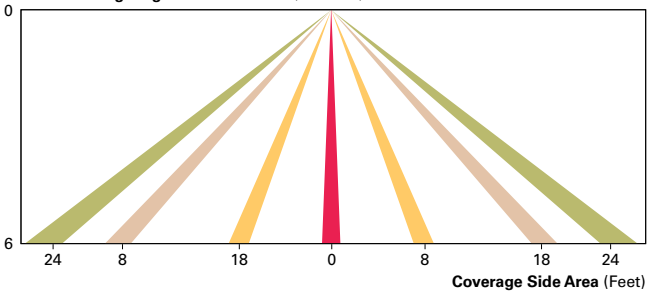


For mounting heights up to 40' (SPB4, -L40W)

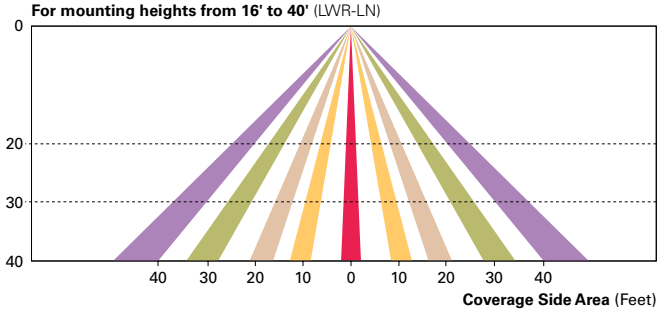


Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN) The Enlighted control system is a connected lighting solution, combining LED luminaires with an integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes while collecting valuable data about building performance and use. Software applications utilizing energy dashboards maximize data inputs to help optimize the use of other resources beyond lighting.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A) The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

DESCRIPTION

The Sure-Lites Wet location Emergency Light (SELW) is designed to reduce total egress system cost and maintenance in a wet location environment as well as improve system reliability. Key features include long life LED's, proprietary rotatable accuLED optics, a nickel cadmium battery as well as the Eagle Eye self-diagnostics option. The SELW is UL924 wet location code compliant listed with a standard 0 °C to 40 °C temperature rating or a -20 °C to 55 °C wide temperature option. The SELW's easy hang feature reduces installation time and cost.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Electrical
- Dual Voltage Input 120/277 VAC, 60Hz
- Brownout circuit
- Low voltage disconnect
- Overload / Short Circuit protection
- 4.8V Battery back-up
- 1.4W AccuLED optics

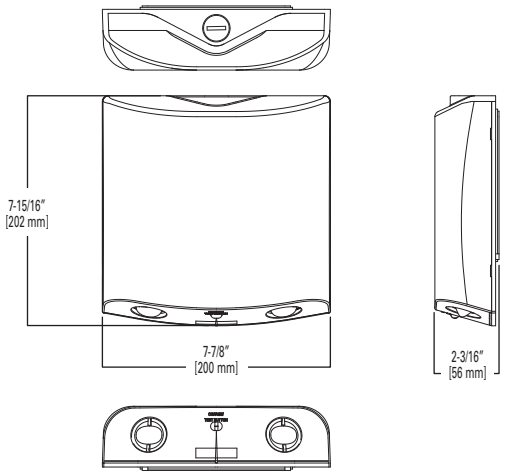
Environmental
- Outdoor rated
- SELW: 0 °C to 40 °C (32 °F to 104 °F)
- SELWT: -20 °C to 55 °C (-4 °F to 131 °F)

Housing Construction
- Components injection molded, color stable, high impact thermoplastic
- White, black, silver, or bronze textured finish
- Snap-fit construction to facilitate fast installation
- Suitable for wall mount applications
- Universal J-box mounting pattern
- Keyhole mounting slots
- Aesthetically designed with a thin profile
- Sealed and gasketed for Wet Location use

Battery
- Sealed Nickel Cadmium
- Full Recharge Time, 24 hours (max.)

Warranty
- Five-year warranty

Code Compliance
- UL924 Wet Location Listed
- Life Safety NFPA 101
- NEC/OSHA
- Most State & Local Codes
- California Energy Code



wet location

LISTED

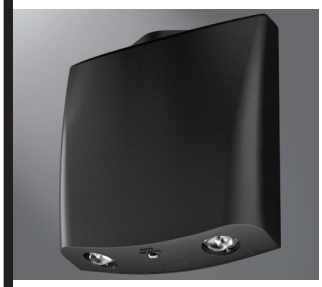
NFPA

0°to 40°C operating temperature range

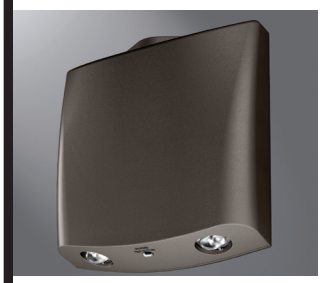
-20°to 55°C operating temperature range

T20 Certified to California Title 20 Appliance Database

White



Black



Bronze

Silver

ORDERING INFORMATION

SAMPLE NUMBER: SELW25BZ

Series	Spacing	Battery	Color	Self Diagnostics	Catalog
SELW=Wet location	**25**=25 ft.	_=NC	_=Silver **BZ**=Bronze **BK**=Black **WH**=White	Not Available	SELW25 SELW25BZ SELW25BK SELW25WH

Series	Spacing	Battery	Color	Self Diagnostics	Catalog
SELW=Wet location	**29**=29 ft.	_=NC	_=Silver **BZ**=Bronze **BK**=Black **WH**=White	**SD**=self diagnostic	SELW29SD SELW29BZSD SELW29BKSD SELW29WHSD

Series	Spacing	Battery	Color	Self Diagnostics	Catalog
SELWT=Wet location, wide temperature	**29**=29 ft.	_=NC	_=Silver **BZ**=Bronze **BK**=Black **WH**=White	**SD**=self diagnostic	SELWT29SD SELWT29BZSD SELWT29BKSD SELWT29WHSD

Emergency Light SELW

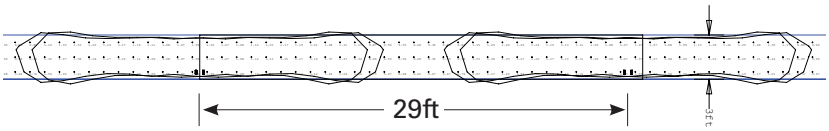
LED Emergency Light
Wet Location
AccuLED Optic
Eagle Eye Self Diagnostics

ELECTRICAL DATA

	120V			277V		
Model	**Power (W)**	**Current (A)**	**PF**	**Power (W)**	**Current (A)**	**PF**
SELW29SD	0.6	0.07	0.07	0.7	0.07	0.03
SELW25	0.6	0.08	0.064	0.8	0.08	0.03
SELWT29SD	2.0	0.3	0.07	1.8	0.21	0.03

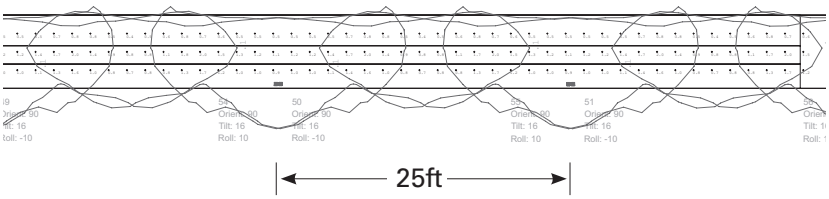
PHOTOMETRY

SELW29SD; SELWT29SD



X	Y	Z	Orient	Tilt	Roll
-0.25	0.5	7.5	90	7	1
0.25	0.5	7.5	90	7	-1
28.75	0.5	7.5	90	7	1
29.25	0.5	7.5	90	7	-1
57.75	0.5	7.5	90	7	1
58.25	0.5	7.5	90	7	-1
-29.25	0.5	7.5	90	7	1
-28.75	0.5	7.5	90	7	-1

SELW25



X	Y	Z
0	0.33	7.5
0.33	0.33	7.5
24.33	0.324	7.5
48.33	0.317	7.5
72.33	0.311	7.5
96.33	0.305	7.5
24	0.323	7.5
48	0.316	7.5
72	0.309	7.5
96	0.302	7.5

***The "Rule of Thumb" spacing guidelines are designed to achieve 1 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 9 foot ceiling with a 6 foot wide walkway and 3 foot path of egress. The reflectances are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet. Eaton assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as guarantee of any code compliance.

TECHNICAL DATA

AccuLED Optics
The AccuLED precision engineered optics display sharp cutoffs and oval light pattern, which provide a clear path of egress per UL924 standards. The efficient optical design increases spacing distance between units, while providing evenly diffused light pattern throughout the egress path for both 1 foot candle average and 0.1 ft candle minimum. The lens swivel feature within the AccuLED optic provides the opportunity of forward-throw of egress lighting.

Mechanical Housing
All components are injection molded with a color stable, high impact thermoplastic resin. The surface is textured to improve aesthetic appearance. The housing construction is designed with snap-fit components and reinforcement ribs to provide maximum strength at minimum installation effort. The mounting hole pattern is universal to junction box requirements and is suitable for wall mount applications.

EZ Hang – Mounting Feature
The hands-free EZ Hang feature allows the installer to hang the emergency light face from the back plate in order to easily and efficiently make the power connections.

Eagle Eye™ Self Diagnostics
The Eagle Eye self-diagnostic software will automatically perform all tests required by UL924, and NFPA101. The system indicates the status of the emergency light at all times using the LED indicator. A 90 minute battery power (emergency mode) simulation test will occur once every 12 months. A 30 second battery power simulation test will occur every 30 days. The Solid-State microprocessor based system has the ability to accurately detect and warn of system failures, plus it incorporates all of the standard electronic features that sets Sure-Lites apart from its competition. Eagle Eye self diagnostic software automatically performs all testing required by the NFPA 101 Life Safety Code and systematically calibrates itself in the field, reducing installation labor and eliminating manual calibration errors.

Low Voltage Disconnect
When the battery's terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored preventing deep battery discharge.

Brownout Circuit
The brownout circuit monitors the flow of AC current to the unit and activates the emergency light heads when a predetermined reduction of AC power occurs.

Warranty
The SELW series is backed by a five-year warranty on the fixtures and a seven-year pro-rata warranty on the NiCad batteries.

SELF DIAGNOSTIC TESTING OPERATIONS

The Sure-Lites Eagle Eye Self Diagnostics is continuously monitoring your emergency fixture, and will signal any failure through the 3 color indicator LED.

Initial Operation:
When the unit is first powered up, it will go into a 24 hour fast charge, indicated by the indicator LED pulsing green. Once the unit has fully charged, it will perform a self calibration, after which the LED will change to steady green, indicating the unit is fully charged and float charging the battery to maintain readiness.

Automatic Testing:
The unit will perform a battery capacity, lamp/LED, and charge circuit test every 30 days for 30 seconds. During this time, the indicator LED will change to a steady yellow. It will perform a full battery capacity (90 minute) test once per year. During this time, the indicator LED will change to a blinking yellow.

Manual Testing:
- 10 Second "Installation" test – Press and release the test button once during fast charge (blinking green) to initiate a 10 second quick test. The sign will switch to emergency mode for 10 seconds allowing the installer to verify proper installation of the unit, and the LED indicator will turn solid yellow
- 30 Second Test - Press and release the test button once during float charge (steady green). The indicator LED will turn steady yellow to indicate the unit is performing a 30 second test of the batteries and lamps/LEDs
- 90 Minute Test - Press and release the test button a second time during a 30 second test (steady yellow) to change to a 90 minute test. During this test, the LED indicator will change to blinking yellow, and the circuit will perform a full battery capacity, charge circuit, and LED test
- Canceling Test – Press and release the test button during the 90 minute test (flashing yellow) to return the fixture to its original state (fast charge or float charge)

Laser Test:
The SD versions are equipped with a Laser Test function, that allows the unit to be manually tested without the need to physically press the test button. Shining a laser pointer in the hole marked "LASER TEST" on the bottom of the unit has the same effect as a press and release of the test button.

Clearing Failure Codes:
- A battery failure (LED two blink red) can be cleared by replacing the battery. Disconnecting the battery and AC power, or performing a full 90 minute discharge, will reset the error code, however, it will return if the battery is faulty
- Charge Circuit (LED three blink red) and lamp/LED failure (LED four blink red) will clear when the unit successfully passes a manual or

SELF DIAGNOSTIC TESTING OPERATIONS (CONTINUED)

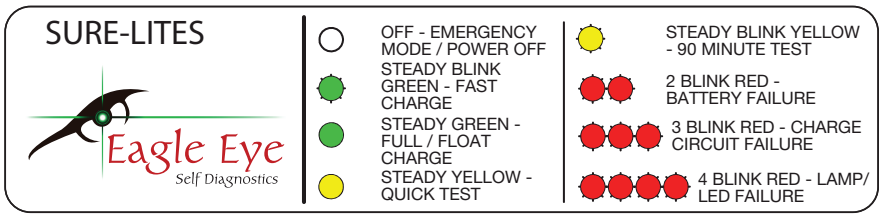
automatic 30 second test

Indicators:

- LED Off - No power to unit, emergency mode.
- LED Steady Green - Unit is fully charged and is float charging the battery to maintain readiness.
- LED Green Pulse - Unit is in a 24 hour fast charge of the battery.
- LED Two Blink Red - Battery has failed a capacity test, or the battery is disconnected. See “Clearing Failure Codes” above.
- LED Three Blink Red - Battery charge circuit has failed. See “Clearing Failure Codes” above.
- LED Four Blink Red - Lamps have burned out, or on an EXIT/Combo, 50% or more of the LEDs have failed. See “Clearing Failure Codes” above.
- LED Steady Yellow - 30 second test or 10 second quick test (Fast Charge only).
- LED Blinking Yellow - 90 minute test.

Maintenance:

None required. Replace the batteries as needed according to ambient conditions. However, we recommend that the equipment be tested regularly in accordance with local codes.



DESCRIPTION

The Lumark Wal-Pak wall luminaire provides traditional architectural style with high performance energy efficient illumination. Rugged die-cast aluminum construction, stainless steel hardware along with a sealed and gasketed optical compartment make the Wal-Pak virtually impenetrable to contaminants. IP66 Rated. Three available lamp sources including patented energy efficient LED, pulse start metal halide and high pressure sodium. UL/cUL wet location listed. The Wal-Pak wall luminaire is ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways and loading docks.

Catalog #		**Type**
Project		
Comments		**Date**
Prepared by		

SPECIFICATION FEATURES

Housing
Rugged one-piece die-cast aluminum housing and hinged, removable die-cast aluminum door. One-piece silicone gasket seals the optical chamber. UL 1598 wet location listed and IP66 ingress protection rated.

Electrical
Ballasts, LED driver and related electrical components are hard mounted to the die-cast housing for optimal heat sinking and operating efficiency. Wiring is extended through a silicone gasket at the back of the housing. Three 1/2" threaded conduit entry points allow for thru-branch wiring. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from LED source. Integral LED electronic driver incorporates internal fusing designed to withstand a 6kV surge test and is Class 2 rated for 120-277V with an operating temperature of -40° to 55°C. Wal-Pak LED systems maintain greater than 93% of the initial light output after 72,000 hours of operation. UL listed HID high power factor ballasts are Class H insulation rated (high pressure sodium: 250, 400W [-40°C / -40°F]. High efficiency HID ballasts are available in 120, 208, 240, 277, 347 and 480V.

Optical
Highly reflective anodized aluminum reflectors provide high efficiency illumination. Optical assemblies include impact resistant borosilicate refractive glass, and full cutoff IESNA compliant configurations. Patented, solid state LED luminaires are thermally optimized with three lumen packages. HID models are offered in horizontal medium or mogul-based metal halide [MP] or high pressure sodium [HP] lamps.

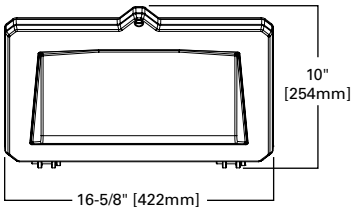
Door Assembly
Single point, captive stainless steel hardware secures the removable hinged door allowing for ease of installation and maintenance. Door assembly is hinged at the bottom for easy removal, installation and re-lamping.

Finish
Finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, bronze, black, dark platinum and graphite metallic. Consult your lighting representitive at Cooper Lighting Solutions for a complete selection of standard colors.

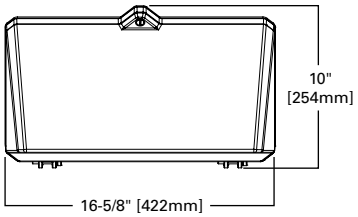
Efficiency Standards Notice
Select luminaires are manufactured to USA and California efficiency regulations.

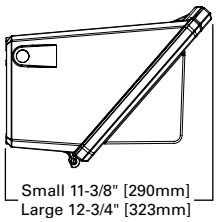
DIMENSIONS

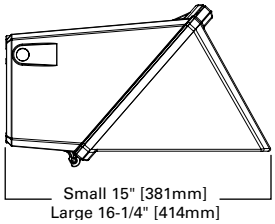
BOROSILICATE GLASS DOOR (GL)



FULL CUTOFF DOOR (FC)







WP WAL-PAK

27, 32 and 46W
LED
250 - 400W
Pulse Start Metal Halide
250 - 400W
High Pressure Sodium

WALL MOUNT LUMINAIRE

TECHNICAL DATA

UL/cUL Wet Location Listed
IP66 Rated
40°C Maximum Ambient Temperature
External Supply Wiring 90°C Minimum
EISA Ⓔ, ARRA, Title 20 Compliant
LM79 / LM80 Compliant
DesignLights Consortium® Qualified*

ENERGY DATA

CWA Ballast Input Watts
200W HPS HPF (250 Watts)
250W MP HPF (283 Watts) Ⓔ
400W HPS HPF (465 Watts)
400W MP HPF (452 Watts) Ⓔ

SHIPPING DATA

Approximate Net Weight:
32-42 lbs. (15-19 kgs.)

*www.designlights.org

POWER AND LUMENS

Catalog Number	Lumens	Power Consumption (Watts)	B.U.G. Rating	Correlated Color Temperature CCT (Kelvin)	Color Rendering Index (CRI)
Borosilicate Glass Door (GL)					
LDWP-GL-3B-ED-7040	3,270	27W	B1-U3-G1	4000K	73
LDWP-GL-4B-ED-7040	4,160	32W	B1-U3-G2	4000K	73
LDWP-GL-6B-ED-7040	5,828	46W	B1-U4-G4	4000K	73
LDWP-GL-3B-ED	3,333	27W	B1-U3-G1	5000K	72
LDWP-GL-4B-ED	4,199	32W	B1-U3-G3	5000K	73
LDWP-GL-6B-ED	5,883	46W	B1-U4-G4	5000K	73
Full Cutoff Door (FC)					
LDWP-FC-3B-ED-7040	1,884	27W	B1-U0-G1	4000K	72
LDWP-FC-4B-ED7040	2,239	32W	B1-U0-G1	4000K	73
LDWP-FC-6B-ED-7040	3,137	47W	B1-U0-G1	4000K	73
LDWP-FC-3B-ED	1,912	27W	B1-U0-G1	5000K	72
LDWP-FC-4B-ED	2,279	32W	B1-U0-G1	5000K	73
LDWP-FC-6B-ED	3,192	46W	B1-U0-G1	5000K	73

CURRENT DRAW

Light Engine	3B	4B	6B
Nominal Power (Watts)	27W	32W	46W
Input Current @ 120V (A)	0.24	0.28	0.40
Input Current @ 208V (A)	0.14	0.16	0.23
Input Current @ 240V (A)	0.13	0.15	0.20
Input Current @ 277V (A)	0.11	0.13	0.18
Input Current @ 347V (A)	0.09	0.11	0.15
Input Current @ 480V (A)	0.10	0.12	0.14

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)*	Theoretical L70 (Hours)
25°C	> 93%	> 340,000
40°C	> 92%	> 316,000

* Per TM-21 data.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.07
15°C	1.04
25°C	1.00
40°C	0.94

ORDERING INFORMATION

Sample Number: LDWP-FC-4B-120V

Lamp Type	Product Family [3]	Door Type [4]	Lamp Wattage [5]	Voltage [6]
LD=Solid State Light-Emitting Diodes (LED) [1, 2] **HP**=High Pressure Sodium **MP**=Pulse Start Metal Halide	**WP**=Wal-Pak	**GL**=Borosilicate Glass Door **FC**=Full Cutoff Door	**LED** **3B**=(3 Package), 27W **4B**=(4 Package), 32W **6B**=(6 Package), 46W **HP** **250**=250W **400**=400W **MP** **250**=250W **400**=400W	**120V**=120V **208V**=208V **240V**=240V **277V**=277V **347V**=347V [7] **480V**=480V [7] **DT**=Dual-Tap **MT**=Multi-Tap **TT**=Tri-Tap **ED**=Electronic LED Dimming (0-10V) Driver

Options (Add as Suffix) [8]	**Accessories** (Order Separately)
F1=Single Fuse (Must Specify Voltage. 120, 277 or 347V) **PE**=Button Type Photocontrol (Must Specify Voltage. 120, 208, 240 or 277V) **LL**=Lamp Included **Q**=Quartz Restrike T4 Lamp [9] **EM**=Emergency Quartz Restrike T4 Lamp [9] **EMLED-CD**=LED Battery Backup Cold Temperature [10] **7040**=72 CRI / 4000K CCT **AP**=Grey **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White	**WG/WPGL**=Wire Guard Borosilicate Glass Lens Door **WG/WPFC**=Wire Guard Full Cutoff Door **TR/WP**=Tamper-resistant Screw and Bit **VS/WPGL**=Polycarbonate Vandal Shield for Borosilicate Glass Lens Door

NOTES:
1. DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium, refer to www.designlights.org for details.
2. Five-year warranty.
3. Fixture color is standard bronze unless optional color is specified.
4. Small housing offered for LED models. Large housing for 250W-400W. Clear glass is standard for full cutoff door types except for LD. LD full cutoff door is standard with Solite® glass.
5. LED packages based on 70 CRI / 5000K package at 25°C ambient.
6. See voltage chart for descriptions. 105°C Rated wire required for thru-branch wiring for units above 250W. Thru-branch wiring is rated for 40°C for LD. Higher wattage thru-branch wiring is rated for use in 25°C ambient operating environments.
7. Not available with thru-branch wiring. LED will be supplied with integral step down transformer.
8. Not all options can be combined. Only one emergency or battery back-up option available within the fixture. LD models utilize EMLED-CD options only for battery back-up.
9. Q or EM not available with LD or E electronic ballast.
10. EMLED-CD available with B models only. For use in 25°C ambient operating temperature environments. Specify 120V or 277V. EMLED-CD minimum -20°C/-4°F. Battery pack is a UL recognized component.

STOCK ORDERING INFORMATION - LAMP INCLUDED

Sample Number: WPL4BC

Product Family	Lamp Type	Lamp Wattage	Door/Glass Type
WP=Wal-Pak	**L**=LED [1, 2] **P**=Pulse Start Metal Halide **S**=High Pressure Sodium	**LED** **3B**=27W **4B**=32W **6B**=46W **Pulse Start Metal Halide** **25**=250W **40**=400W **High Pressure Sodium** **25**=250W **40**=400W	**[Blank]**=Standard **C**=Full Cutoff Door

NOTE: 1 Five-year warranty. **2.** DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium, refer to www.designlights.org for details.

VOLTAGE CHART

MT=Multi-Tap	120, 208, 240, 277V (Wired 277V)
TT=Triple-Tap	120, 277, 347V (Wired 347V)
ED=Electronic LED Driver	120-277V (Universal - 50-60Hz)