



Agenda
Village of Glen Ellyn
Plan Commission Meeting
Thursday, November 13, 2025
7:00 PM
Glen Ellyn Civic Center, Galligan Board Room

Visitors are most welcome to attend all public meetings and can find copies of the Agenda online at www.glenellyn.org prior to the meeting. Any individual with a disability requiring reasonable accommodation in order to participate in a meeting should contact the Village of Glen Ellyn ADA Coordinator, 630-469-5000, at least five (5) business days in advance of the next scheduled meeting.

- A. Call to Order**
- B. Public Comment**
- C. Approval of Minutes**
 - 1) Review and Approval of the Minutes of the October 23, 2025 Plan Commission Meeting.
- D. New Business**
 - 1) Public Hearing: 1184 W. Roosevelt Road (Legacy Shops of Glen Ellyn)
- E. Trustee Liaison's Report**
- F. Chairman's Report**
- G. Staff Report**
- H. Other Business**
- I. Adjourn**



**Glen Ellyn Plan
Commission**
535 Duane Street
Glen Ellyn, IL 60137

Meeting 11/13/2025 7:00 PM
Department: Community Development
Department Head: Jennifer Henaghan
Category: Minutes
Prepared By: Daniel Harper

**AGENDA ITEM (ID
2025-953)**

DOC ID: 2025-953

Review and Approval of the Minutes of the October 23, 2025 Plan Commission Meeting.

Statement of the Issue:

Review and Approval of the Minutes of the October 23, 2025 Plan Commission Meeting.

Analysis:

Review and Approval of the Minutes of the October 23, 2025 Plan Commission Meeting.

Budget Impact:

Contribution to Strategic Plan

Action Requested:

Review and Approval of the Minutes of the October 23, 2025 Plan Commission Meeting.

Attachments:

1. Draft_Plan_Commission_10.23.25 Minutes

DRAFT MINUTES
Glen Ellyn Plan Commission Meeting
Thursday, October 23, 2025, at 7:00 PM
Glen Ellyn Civic Center
Galligan Board Room

A. Call to Order and Roll Call

Chairperson Tim Loftus called the meeting to order at 7:00 p.m. and explained the Plan Commission's function and operating procedure as an advisory body. He described the public hearing protocol including for public comment and announced that comments would be recorded.

Roll was called. Chairperson Loftus, Plan Commissioners Cooper, Dougherty, Kreuzer, Morrison, Pesce and Wyant were present; Commissioner Brown and Arango are absent.

Also in attendance: Steve Thompson, Village Trustee., Jennifer Hennigan, Community Development Director., Daniel Harper, Planning Manager and Adriana Ohl Zamora, Recording Secretary.

B. Public Comment (non-agenda items)

There was no off-agenda audience comment.

C. Approval of Minutes

1. Review and Approval of the July 24,2025, Plan Commission Meeting Minutes

Commissioner Cooper- recommended an edit be made to Page 1, to reflect what was presented to the Village Board.

Commissioner Morrison moved to approve the minutes as amended and revised by the proposed revision. Commissioner Cooper seconded the motion, and the motion passed by voice vote.

D. New Business

1. Review and Adoption of Rules of Procedure for the Glen Ellyn Plan Commission

Rules and procedures drafted by Paul Stephanies, Village Attorney. Document outlines Commissioner duties and how they align with the Village of Glen Ellyn.

Commissioner Loftus- asked a question regarding having public speakers state their address as required in section 4.7.

Daniel Harper, Planning Manager, Village of Glen Ellyn- Will get back to Commissioner Loftus regarding section 4.7.

Commissioner Cooper- noted the following sections required edits 4.15- the Village shall... missing word "Provide" and section 4.3

Commissioner Kreuzer- section 2.4, it is not clear if this prohibition will continue after the matter has been resolved. It does not say if it is present or past. After we voted, I should be able to speak to my neighbor because it is no longer active.

Edits were proposed to sections 2.4, 4.3, 4.15.

Chairperson Loftus requested a motion to accept the Rules of Procedure as amended. Commissioner Kreuzer motioned to accept, Commissioner Dougherty seconded the motion, and the motion passed by voice vote.

Commissioner Cooper made the motion to open the Public Hearing, Commissioner Wyant second the motion. Motion passed by unanimous voice vote.

2. Public Hearing – Proposed Text Amendments to Title 10 ("Zoning Code"), Chapter 4 ("District Regulations") of the Village's Zoning Code

Sworn In Daniel Harper, Planning Manager, Village of Glen Ellyn- presented on Amendment to C4 office district

Daniel Presented to the Planning Commissioners that the Village of Glen Ellyn is proposing text amendments to Title 10 ("Zoning Code"), Chapter 4 ("District Regulations") of the Village's Zoning Code that would allow for a restaurant to be a

permitted use in the C4 Office District and would make a drive-in commercial facility a special use in the C4 District. Village is initiating this in order to provide and increase commercial viability. Restaurant use is mutual compatible use.

Mr. Harper identified 4 areas zoned C4- All in Roosevelt Rd Corridor consisting of 70.74 Acres of land. Area 1 includes Office Buildings, Medical, Law and Real Estate offices and is identified as opportunity area 8 in the comprehensive plan that envisions a coming together of these properties to create a dynamic opportunity. Vibrant Commercial corridor that would be compatible with surrounding uses. Area 3 is the largest with 12 buildings in total including standard office buildings, Danby Station, the U.S. Post Office, auto repair, gym and large medical office.

Mr. Harper stated that the Village is proposing a text amendment to the current permitted uses and special uses sections of the C4 District to include "Restaurant" as allowed uses and "Drive-in commercial facility" as a special use. The purpose of this proposed change is to offer greater diversity in the allowed uses of the C4 Office District. The demand for office space has diminished in the past five years as work from home technologies and company policies have allowed for greater employee flexibility in how and where they report for work. These economic changes have greatly reduced the market demand for office spaces and associated uses.

Allowing restaurant uses in the C4 Office District would allow for an in-demand market use to utilize the existing non-conforming structures or retrofit underutilized properties to better serve the community. Village staff believes that adding restaurant uses in the C4 Office District would be compatible with all existing uses in the district.

The use of "Restaurant and Eating Place" would be included as a permitted use in the C4 District. This use allows for outdoor seating on private property as an accessory so long as the outdoor seating complies with the provisions for outdoor dining located in section 10-5-15 of the Village Code.

The use of a "Drive-in commercial facility" would be included as a special use in the C4 District. This use is only allowed as a special use in all commercial districts and will be subject to all requirements and reviews as a drive-in commercial facility in other commercial districts.

With regards to Danby Station, this is in non-conforming use. If they want to do expansion or improvements, they cannot because Code does not allow. Allowing for restaurant use in the code would open it up to renovation.

Commissioner Questions

Commissioner Pesce- you are asking us to approve a text amendment for all 4 areas and not just 1, would all 4 areas be changed to what is on the screen here?

Daniel Harper, Planning Manager Village of Glen Ellyn- yes, that is correct.

Commissioner Cooper- I have a question about area 1 that is over on Taft, would this provide restaurant, and drive through uses on Taft?

Daniel Harper, Planning Manager Village of Glen Ellyn - this would allow for restaurant uses by right. Drive through uses would have to go through the special use process.

Commissioner Pesce- outside of Danby's, has the Village received any other requests/ inquires for new restaurant uses in these areas? I don't want to set this in motion for something that I don't want to personally see.

Daniel Harper, Planning Manager Village of Glen Ellyn- we have had issues filling office vacancies. We have had general phone call inquiries.

Jennifer Hennigen, Community Development Director, Village of Glen Ellyn- this is a request from the Glen Ellyn Office of Economic Development.

Commissioner Loftus- why was car wash area not included?

Daniel Harper, Planning Manager, Village of Glen Ellyn- You are correct that is an error on the screen but that parcel is part of a PUD, and is locked in place.

Commissioner Cooper- We have heard that it is the Village's intent to take a look at Zoning in general and address some of the findings of the housing study. Why are we amending the Zoning ordinance now to maybe encourage developments now that may be reclassified?

Daniel Harper, Planning Manager Village of Glen Ellyn- Zoning code will not be making map amendments.

Commissioner Cooper- I was under impression the Village was considering map amendments as well.

Daniel Harper, Planning Manager Village of Glen Ellyn - why we are doing C4, is at the request of the Development Dept. to open up allowable usage.

Jennifer Henegin, Community Development Director Village of Glen Ellyn- comprehensive plan does recognize catalyst sites, potential for different and mixed usage on these properties. Frontage would be residential use, other would be either north or side. Roosevelt frontage for retail.

Commissioner Cooper- Area 2, this would also permit removal of office building and installation of restaurant?

Daniel Harper, Planning Manager Village of Glen Ellyn- yes.

Commissioner Kreuzer- If Popeye's approaches, they would still have to ask for special use because of drive thru?

Daniel Harper, Planning Manager Village of Glen Ellyn – yes.

Commissioner Dougherty- when they were doing these studies to solve vacant office space, did they have alternate usage for office space? From one perspective this is only one use, is there an alternate?

Daniel Harper, Planning Manager Village of Glen Ellyn - not to my knowledge.

Commissioner Kreuzer- Can Restaurants include entertainment?

Daniel Harper, Planning Manager Village of Glen Ellyn - they would have to apply for a license, they would have to meet all required criteria and go to Village Board for approval.

Commissioner Wyant- I would add that in the time I have been a member of the Plan Commission, this has been one of the most important proposals we have had because Roosevelt is significantly underperforming. Americans now spend more money eating out than buying groceries. This is a huge step in the right direction. It's exciting to hear this is being driven by our economic development committee.

Commissioner Pesce- I 100% agree with what you are saying but this does not feel like it is bringing a lot of retail to Roosevelt. Some businesses have been established, the ones along golf course and police station are not on Roosevelt

Commissioner Wyant- we should let the developer do what they envision and we should assess what is proposed, opening up is a huge message to this Village.

Commissioner Pesce- does the Village feel there is a capacity issue of Roosevelt Rd? We still have a lot of properties that are vacant, not enough space to build on.

Commissioner Wyant- some of these buildings are obsolete, parking is difficult, the layout and some of the under used does come with challenges.

Chairperson Loftus- Area 2 is not a good location for restaurants, you have residential across the street on two sides, so you are wanting to allow restaurants next to residents, does not seem to make sense.

Daniel Harper, Planning Manager Village of Glen Ellyn - When doing text amendments, we can't discriminate between properties and illuminate area 2. If an owner in area 2 thinks that a restaurant would generate more success than that is a possibility.

Chairperson Loftus- If we have to go with all 4 areas, I will vote no unless we make parcel 2 left out. Area 2 is next to the police department.

Daniel Harper, Planning Manager Village of Glen Ellyn - you are not rezoning the property, you are adding more allowable uses.

Chairperson Loftus-we would be allowing that building to be demolished and entire restaurant to be built. Area 2 has single family housing behind grocery store, and within 50 ft going south you have single family homes.

Commissioner Wyant- most successful office buildings has success with a food service or coffee, I have no idea how occupied that building is but if they wanted to add a Starbucks, I would encourage that.

Commissioner Cooper- I think you recall that there was substantial talk about allowing vacuum facility, we have sign identity, I thought some parcels were residential.

Chairperson Loftus- it is all commercial except for Main and Taft.

Commissioner Cooper- I think you raised a good point; it seems to me this is largely driven by Danby Station. The issue with that property is very much driven by the traffic issues. Mandatory right turn within 200 ft of traffic light, those concerns will not go away if area 3 changes if this goes through. Our concerns were exclusively related to the traffic, amending the entire C4 to accomplish this one piece of property is not where we are going.

Commissioner Wyant- this is the Glen Ellyn Economic Development coming to us, not one individual. If we reject this, what we are saying to the Glen Ellyn Economic Board is we disagree with you.

Commissioner Dougherty- listening to everyone here, properties fall into 3 buckets, big companies, then other office buildings that could be converted, third bucket area 3 and along Taft. If you go to C3 you are looking at a lot more uses, this is a compromise, you are allowing one type and not the whole gambit.

Chairperson Loftus- asked Mr. Harper if the requested changes would not limit restaurant to first floor, demolition could happen, it could mean total demolition of some buildings.

Daniel Harper, Planning Manager Village of Glen Ellyn- yes that is correct.

Commissioner Wyant- that would only happen in a vacant building, you would never demolish an 80% filled office building.

Commissioner Kreuzer- What is the definition of restaurant and how does it differ from eating place?

Daniel Harper, Planning Manager Village of Glen Ellyn - We do not have a definition for restaurant in the code.

Chairperson Loftus- part of our approval or denial, would be eliminating areas 1 and 2 but everything on North side of Roosevelt, we are advisory, Village Board has to make final decision.

Commissioner Cooper- wouldn't that require us to have a map amendment?

Daniel Harper, Planning Manager Village of Glen Ellyn- that is correct, the proposed text amendment would have to be all property in C4 district.

Jennifer Henegin, Community Development Director Village of Glen Ellyn - is the issue with the entertainment type of restaurant? because those do have definitions.

Commissioner Dougherty- I appreciate the concern about Taft, but I also see that those properties have potential.

Daniel Harper, Planning Manager Village of Glen Ellyn - point of clarification for live entertainment, could be allowed in any of the spaces as they exist.

Commissioner Kreuzer- my concern is the large circuses, like Safari Land, Dave n Buster's, that would be considered indoor amusement facility.

Commissioner Wyant- restaurant by definition does it include or not include liquor?

Daniel Harper, Planning Manager Village of Glen Ellyn - they would have to apply for that license.

Sworn in Norris Eber, Resident Village of Glen Ellyn

Norris Eber- The Commissioners have been asking some questions that I had, I would ask 1 official question to Daniel. I live next to fire station on Taft behind the bank, southside in Townhomes. If this text amendment goes through and we have restaurants, and I walk into Village Hall and ask for a restaurant, am I entitled to the restaurant?

Mr. Harper answered yes.

Mr. Eber - I am concerned about Roosevelt Road, I don't see any economic increase from this proposal, unless down by Danby site. I don't think anybody hesitates to call the Village to put a restaurant on Roosevelt. I am concerned about area 2, you can put a 5,000 ft restaurant, we are murdered on Taft and Park- we are not designed to have heavy traffic on these road facilities. I don't think it's appropriate to put high traffic uses in that area. I wonder also, we are having this whole rewrite, we need a definition section. I think it's a broad draft. Danby's has been a restaurant for 40 years. I hope if a developer calls Village Hall, the village will be willing to work with the developer to find a solution. I am not sure we need this, area 2 does not need this change, and yes Roosevelt Rd needs a lot of work.

Commissioner Wyant- you are well versed with a lot of developers, what kind of feedback do you get from developers about doing business in Glen Ellyn?

Norris Eber- we are one of the more detailed Villages, we have been very precise in what happens, and we do take more time.

Commissioner Wyant- you and I swim in the same lanes, and what I get is its tough, why is there so much going on in Wheaton and not Glen Ellyn.

Commissioner Morrison- I do have a question; Daniel was the permitted use of restaurant and eating space thought of special use?

Daniel Harper, Planning Manager Village of Glen Ellyn - it is possible that the Plan Commission could recommend as Special use.

Commissioner Morrison- could be standalone restaurant as a special use, a small deli at ground floor at Park, is different than Chik Fil a.

Daniel Harper, Planning Manager Village of Glen Ellyn - I think that it is possible, what it could look like is item 8, something like that.

Commissioner Kreuzer made motion to close public hearing, Commissioner Cooper seconded the motion. Motion approved by voice vote.

Deliberation

Commissioner Kreuzer- coming into Glen Ellyn should be a privilege, should be a special location. I don't like that development is easy, it should be a privilege to be here. I like the thought of restaurant use to be a special use. Certainly, I understand where Rob is coming from. We should do what we can to allow that, if it fits with what I think Glen Ellyn should be. I don't like the idea of entertainment inside, especially on Taft.

Commissioner Wyant- I think the examples you gave already have some language around that. If all of these office buildings want to take the first floor and change to Starbucks, why would we have any objection, no buildings are being demolished.

Chairperson Loftus- I am not objectionable to eating places but to demolishing a building.

Commissioner Wyant- there is a clear distinction between Norris's description and completely demolishing a building but again allowing food use on first floor drives occupancy to the building.

Chairperson Loftus- how do we change request to allow that. I have no problem with area 2

Commissioner Wyant-You are ok as drafted for areas 1, 3 and 4?

Chairperson Loftus- yes but it's all or nothing.

Commissioner Pesce- If it impacts all four areas, I am voting no. I just hosted out of towners and the compliments I received are great. Living South of Roosevelt, I am disappointed by how it has not been developed. There is so much more opportunity with Roosevelt that needs to be first addressed, without knowing alternative motives, I will say no.

Commissioner Wyant- I am a yes, the Village's Economic Development team is advocating for this. One developer at a time, that is what unlocks the value, it is not usually a city that says hey here is what, we need one developer with a dream and capital to transform that.

Commissioner Pesce- why is it C4, why not C3?

Commissioner Wyant- The underperforming part of our community is Roosevelt Rd.

Commissioner Pesce- I 100 percent agree with you, but the Taft and Police station are not. Taft and area two are not.

Commissioner Cooper I am also going to Vote no- I believe that the community expects in looking at Zoning Code, that changing this language now to encourage construction of a new restaurant in middle of area 3, would foreclose, it's important for us to consider the applications as they go forward, I am particularly troubled by areas 1 and 2 and I am not happy with area 3. This seems to be the wrong solution to a prior petition to get us to improve his plans of Danby Station.

Chairperson Loftus- I think at this point I would vote no to delay it to do a comprehensive zoning code amendment. When I was told that it is either all or nothing, I do not agree with all but I agree with most. Unfortunately, we can't segregate that out, I wish we could maybe with the overall re-zoning we could.

Commissioner Kreuzer- you could add the permitted use of restaurants and then everything else would be special use.

Commissioner Wyant- most multi-family units and office buildings have a first-floor restaurant.

Commissioner Morrison- I will vote no on original plan, I am very sympathetic to properties on Roosevelt, but I don't think this text amendment is the correct one. The vast majority reflects that; a low intensity uses that buffers higher intensity use.

Daniel Harper, Planning Manager Village of Glen Ellyn - for revised restaurant, sales, personal facility, how do you want it to read?

Chairperson Loftus- Sales, Personal Service Facility and Restaurant; gives opportunity to demo a spot and basically prevent without a special use come back as a Chik Fil A or Popeye's.

Commissioner Pesce- if someone would occupy 50%, the concerns around traffic would still exist.

Commissioner Dougherty- I appreciate the idea, to be able to go back to the Economic Development, I have seen those offices that are nice, some hit a tipping point of having tons of tenants, they don't bounce back. I think sometimes the standalone restaurant really helps.

Commissioner Pesce- creativity to come up with this amendment is great. Again the 4 areas we are looking at do not apply to what we are looking at.

Commissioner Morrison made a motion to amend the proposed text amendments for restaurants in the C4 district, to say sales, personal service facility, and restaurant and eating space but limited to no more the 50% of ground floor, also amend special use in C4 office district, to add restaurant and eating place in the special use section. Kreuzer Seconded the motion. Motion passed with unanimous votes of yes.

Commissioner Morrison made a Motion to recommend text amendment as amended- motion passed 5 yes and 2 no.

E. Trustee Liaison's Report

- With passing of Trustee Szymanski, Village Board Approved of Robert Dunkin to finish off the cycle of Trustee Szymanski position.
- Middle of Budget negotiations, 18 different funds, from general funds to specific water/sewer funds- going well, have had good discussions
- Slight increase in levy to keep up with inflation, aggressive capital campaign to do lead line replacement, water/sewer

- Replacement of 2 Fire stations, need to be updated and upgraded to support both men and women. Stations 62 and 61
- Updates about Roosevelt Rd full circle facility- waiting on Federal Government to come back into session, EPA action stopped east side of facility. Developer needs to clear deficiencies. No ETA of when that would happen. Demolition crew did not comply or do an adequate job.

Jennifer Henaghan- Asbestos is regulated by EPA

Jennifer Henaghan commented that on east side, it is with attorney general's office and ask for status updates, legally no action for us to take there. West side, we will be doing demolition and ensuring that all asbestos is disposed properly.

Trustee stated that to confirm Village Board did approve Danby Station Popeye's but they chose not to move forward because of State and not the Village.

Permits come from state for schools, not from us. The Village does not do permitting for schools, just granting approvals for site improvements.

F. Chairman's Report- None

G. Staff Report

- Trader Joes outdoor storage was approved.
- Chicken Salad chic has gotten approved.
- Downtown Park demo occurred, Pavillion will be phase 2
- Legacy Shops of Glen Ellyn – variations for November meeting.
- 580 Duane New Keller Williams- coming to fruition
- Proposed annexation 22 w 584 Alstrand Rd. Anex this property and subdivide into two lots, not require installation of sidewalks and street lighting
- Parking and redevelopment of 1184 Roosevelt, special use permit dropped- can move forward with rest of variations.
- 499 Anthony St. application would like to convert to 2 dwelling units- special use permit.

Commissioner Wyant- noted that off St. Charles Rd, and Swift Rd it has turned into overnight Truckers spending the night, maybe even homeless.

Planning Manager Daniel noted that the property belongs to DuPage County and thus is over the oversight of DuPage County.

H. Other Business

I. Adjourn 9:38PM



**Glen Ellyn Plan
Commission**
535 Duane Street
Glen Ellyn, IL 60137

Meeting 11/13/2025 7:00 PM
Department: Community Development
Department Head: Jennifer Henaghan
Category: Public Hearing
Prepared By: Daniel Harper

**AGENDA ITEM (ID
2025-954)**

DOC ID: 2025-954

Public Hearing: 1184 W. Roosevelt Road (Legacy Shops of Glen Ellyn)

Statement of the Issue:

The petitioner, Dominick Cannata on behalf of the property owner Legacy Shops of Glen Ellyn, LLC has submitted a petition to consider zoning variations related to a renovation of an existing commercial retail center located at 1182-1184 Roosevelt Road, the "Legacy Shops of Glen Ellyn."

Analysis:

REQUEST:

The petitioner requests zoning variations to allow for proposed renovations of the existing multiple-tenant commercial center located at 1184 Roosevelt Road to be known as the Legacy Shops of Glen Ellyn. Their plans include significant façade alteration and conversion of the existing retail space into two restaurants and various retail and service uses.

The Petitioner seeks the following variations from the Village's Zoning Code and Sign Code:

1. A variation from Section 10-4-15(G) to allow 73 parking spaces on site in lieu of the 83 spaces required.
2. A variation from Section 10-5-8(H) to not provide landscape islands at the end of every row of parking stalls.
3. A variation from Section 10-5-8(F) to allow parking spaces to be 18' in length in lieu of 19'.
4. A variation from Section 10-5-8(I) to allow a minimum drive-aisle width of 21'-1" in lieu of the required 25' width.
5. A variation from Section 10-5-9(H) to allow one loading space in lieu of the required two.
6. A variation from Section 10-4-15(G)(1)(a) to allow a vehicle parking setback 4' rather than 10'.
7. A variation from Section 10-5-5(C)(1) to allow an impervious surface setback of 3'-9" in lieu of 14.87'.
8. A variation from Section 4-5-18(I) to allow for the reestablishment of an existing non-conforming freestanding sign and to allow for alteration in copy of the sign faces.

BACKGROUND:

The subject property is located on the north side of Roosevelt Road in the C3 Service Commercial District, accessed by one approximately 31-foot wide driveway. It is currently developed as a one-story 21,500 square-foot, one-story, multiple-tenant commercial building and an 86-stall surface

parking lot. The existing number of parking stalls provided is the required amount when 1 stall per 250 square feet of retail or 'all other uses not listed' in Section 10-4-13(G) of the Zoning Code is applied. Restaurant uses have a greater parking requirement and the site redesign also reduces the number of parking spaces that are currently on site, which creates the need for parking variations.

The Commission held a pre-application conference in March 2021. At that time, the applicant sought to demolish the central portion of the building to create two free standing buildings.

In October 2023, the petitioner once again came forward for a pre-application review. The 2023 proposal included a full renovation to the existing 21,500 sq. ft. retail structure. The building footprint and general site plan was to remain primarily as it exists. The proposal included a 1,200 sq. ft. Beef Shack restaurant with a drive-through window at the far western end of the building. This drive-through would have required a Special Use Permit. The applicant is no longer pursuing the drive-through and thus is no longer required to submit for a special use permit.

SURROUNDING USES:

Surrounding Land Uses

North: Royal Glen Condominiums
South: Lombard Toyota Auto Dealership
East: Office Building
West: Restaurant and Residential Duplexs

Surrounding Zoning

R4 - Multi-Family Residential
Village of Lombard
C3 - Service Commercial
C3 - Service Commercial & R3 - Multifamily Residential

COMPREHENSIVE PLAN: The 2023 Comprehensive Plan future land use designation for the subject property is Service Commercial. The proposal is in compliance with the Plan.

PUBLIC NOTICE: Notice of the public hearing was published in the October 28, 2025 edition of the Daily Herald. Property owners within 250 feet of the property were notified by mail of the public hearing and a placard was placed on the property.

PROJECT SUMMARY:

Site Plan

The applicant is proposing a renovation of the existing site and restoring the parking lot with some redesigned circulation elements. The westernmost row of parking spaces immediately south of the stormwater detention area is proposed to be re-striped from 90-degree stalls to angled stalls. A refuse area is also proposed at the east end of this row of parking, resulting in a decrease of eight (8) parking spaces. The easternmost parking area located north of the building, east of the detention area, is also being proposed to be re-striped with 45-degree angled stalls to create a one-way circulation pattern. The proposed reconfiguration results in a decrease of three (3) parking spaces. To meet Illinois Accessibility Code requirements, the number of accessible parking spaces has been increased from one to three. Additionally, the parking spaces fronting Roosevelt Road are currently not Code compliant, so they are proposed to be lengthened to meet the 19' Code required minimum. However, the applicant is proposing a variance to maintain their existing 8' foot width in order to maximize the number of parking spaces on the site. The applicant is requesting a variation from Section 10-4-15(G)(1)(a) to allow a vehicle parking setback of 4' from the front property line rather than 10' as this is the current configuration of the lot and providing the additional landscaping

would necessitate the removal of all parking spaces along Roosevelt Road. Variations from Section 10-5-5(C)(1) to allow an impervious surface setback of 3'-9" in lieu of 14.87' and from Section 10-5-8(I) to allow a minimum drive-aisle width of 21'-1" in lieu of the required 25' width are also being requested to maintain the existing drive aisle configurations.

Overall, the re-striping results in a reduction in the number of spaces provided. When all these revisions are taken into account, the existing 86 car parking total is reduced to 73 (70 standard plus 3 accessible spaces). Section 10-5-8 (E)(2) of the Village Code requires that, in the case of mixed uses, the number of parking spaces required shall equal the sum of the requirements of the various uses computed separately. Approximately 2,500 sq. ft. of the Fry the Coop location will be a kitchen that is designed to support surrounding restaurant locations and is not devoted to totally serving the on-site restaurant. This space requires parking beyond that required for the seats in the dining area, necessitating a total of 83 spaces.

The applicant proposes to maintain the landscape islands as they currently exist on the site in the southern portion of the parking lot and to not install new landscape islands in the parking area located north of the building. A variation is required to not install the new landscape islands.

The applicant is proposing one loading space in the rear of the building in lieu of the two required per Section 10-5-9(H) of the Village Code. The applicant has reported that the one loading space would be sufficient for their needs and that there is no adequate space in the existing configuration of the property to provide for two loading spaces.

The site plan shows a curb design on the west side of the building that could accommodate a drive-through window at a future point after approval of a Special Use Permit. Village Staff recommend that the Plan Commission, as part of a recommendation, condition that the drive aisle and curb design on the west side of the building be revised so that there is a maximum drive aisle width of 26'-0" to create a curbed buffer space between the western wall of the building and the western drive aisle of the property. The property owner or developer can revise the site plan in the future to allow for drive-through access contingent upon approval of a Special Use Permit.

Sidewalk Waiver Request

Section 8-1-20(a)(3) of the Village Code requires that, where an existing building's exterior roof and wall structure is altered by more than 50 percent, the owner of the property shall install sidewalks on all streets abutting such lot or tract. The proposed exterior renovations to the building would trigger this requirement. The applicant will be requesting a waiver from this requirement from the Village Board of Trustees as allowed per 8-1-20 (G) of the Village Code.

Landscape Plan

The applicant is proposing the addition of twenty-two (22) new trees to the property as well as a variety of deciduous and evergreen shrubs to act as screening for the parking areas facing Roosevelt Road. The proposed landscape plan is in conformance with Section 10-5-13 of the Village Code and the Appearance Review Guidelines.

Sign Variation

The applicant is requesting a variation from Section 4-5-18(I) of the Village Code to allow for the reestablishment of the existing non-conforming freestanding sign and to allow for the replacement of the sign faces. The applicant is proposing to rehabilitate the existing sign but to have the sign

remain in its current design.

Lighting Plan

The applicant has submitted an updated lighting and photometric plan that is in conformance to the requirements of Section 10-5-13 (M) of the Village Code.

Exterior Improvements

The applicant has proposed updated improvements to the exterior of the building as part of the site's overall enhancements. Because the proposed modifications are to an existing principal building in the C3 Zoning District, the proposed exterior modifications do not require review by the Architectural Appearance Commission. The applicant has submitted an exterior remodeling permit for the proposed exterior modifications.

Budget Impact:

Contribution to Strategic Plan

Action Requested:

The Plan Commission should consider the petitioner's request for approval of zoning variations and make a recommendation to the Village Board for approval, approval with conditions, or denial. In reviewing the requested variations, the Commission should consider the criteria in Section 10-10-12 of the Zoning Code.

The Commission may wish to consider recommending that the following conditions be placed on any approval:

1. The property shall be developed in substantial compliance with the site development plans, except for the western drive aisle width, as presented at the November 13, 2025, Plan Commission meeting.
2. The western most drive aisle and curb design, west of the building, shall be revised so that there is a maximum drive aisle width of 26'-0" to create a curbed buffer space between the western wall of the building and the western drive aisle of the property.

Attachments:

1. Zoning Variation Request Application_Signed
2. Aerial Map
3. Zoning Map
4. Plat of Survey
5. Site Plan
6. Landscape Plan
7. Site Details
8. Photometric Plan
9. Lighting Schedule
10. A-200 - Exterior Elevations
11. A-201 - Exterior Elevations
12. L-5_PureEdge_FlexNeon_LRT7

13. L-9_VTS-Sealed-Strip-Daybrite-US-CA-EN-CST
14. PL-1, PL-2 - OPF-S-Spec-Sheet
15. WL-1_EW6818_Spec_Sheet
16. WL-2_Adjustable-Slim-WP-dual-select-Stonco-US-EN-CST
17. WL-6_Stonco-LPW32-LED-Wall-Sconce-G3-Spec-Sheet



VILLAGE OF GLEN ELLYN

Administrative Zoning Variation Application

*Planning & Development Department
535 Duane Street – Glen Ellyn, IL 60137 – Telephone 630.547.5250 – Fax 630.547.5370*

VILLAGE OF GLEN ELLYN
535 Duane Street
Glen Ellyn, Illinois 60137
(630) 547-5250

CLEAR PAGE

APPLICATION FOR ADMINISTRATIVE ZONING VARIATION

For the property at **1184 w Roosevelt Rd.** Glen Ellyn, IL 60137

Note to the Applicant: This application should be filed with, and any questions regarding it, should be directed to the Director of the Village Planning and Development Department.

You may attach separate sheets as needed to answer any of the following questions.

The undersigned hereby petitions the Village of Glen Ellyn, Illinois, for one or more variations from the Glen Ellyn Zoning Code (Ordinance No. 3617-Z, as amended), as described in this application.

I. APPLICANT INFORMATION:

(Note: The applicant must comply with Section 10-10-10(B) of the Zoning Code).

Name: **Legacy Shops of Glen Ellyn, LLC**
Address: **171 N Aberdeen St., Suite 400, Chicago, IL. 60607**
Phone No.: 
Fax No.:
E-mail: 

Ownership Interest in the Property in Question:

Owner

II. INFORMATION REQUIRED BY SECTION 10-10-10(B) OF THE ZONING CODE, IF APPLICABLE:

NOTE: All parties, whether petitioner, agent, attorney, representative and or organization et al. must be fully disclosed by true name and address in compliance with Section 10-10-10(B) of the Zoning Code. Disclosure forms are attached for your convenience.

Name and address of the legal owner of the property (if other than the applicant):

Dominick Cannata
171 N. Aberdeen St., Suite 400, Chicago, IL. 60607

Name and address of the person or entity for whom the applicant is acting (if the applicant is acting in a representative capacity):

Dominick Cannata
171 N. Aberdeen St., Suite 400, Chicago, IL. 60607

Is the property in question subject to a contract or other arrangement for sale with the fee owner? (MARK "Yes" or "No")

YES ☐

NO ☒

If YES, the contract purchaser must provide a copy of the contract to the Village and must either be a co-petitioner to this application or submit the attached Affidavit of Authorization with the application packet.

Is the property in question the subject of a land trust agreement? (MARK "Yes" or "No")

YES ☐

NO ☒

If YES, (1) either the trustee must be a co-petitioner or submit the attached Affidavit of Authorization from the trustee to represent the holders of the beneficial interests in the trust and (2) the applicant must provide a trust disclosure in compliance with "An Act to Require Disclosure of All Beneficial Interests", Chapter 148, Section 71 et seq., Illinois Revised Statutes, signed by the trustee.

III. PROPERTY INFORMATION:

Common address: **1184 W Roosevelt Rd., Glen Ellyn, IL. 60137**

Permanent tax index number: **06-18-305-013**

Legal description:

See Attached.

Zoning classification: **C3 - Service Commercial**

Lot size: _____ ft. x _____ ft. Area: **89,200** sq. ft.

Present use:

Retail Shopping center.

IV. INFORMATION REGARDING THE VARIATION(S) REQUESTED:

Description of the variation(s) requested (including identification of the Zoning Code provisions from which variation is sought) and proposed use(s):

1.10-5-8(H) to not provide landscape islands at the end of every row of parking stalls. - Existing noncompliant islands to remain, no change to curb construction.

2.10-5-8(F) to allow parking spaces to be 18' in length in lieu of 19'

3.10-5-8(I) to allow a minimum drive-aisle width of 21'-1" in lieu of the required 25' width. - Existing condition

4.10-5-9(H) to allow one loading space in lieu of the required two. - one loading spaces is required based on (B and M occupancy), no loading spaces exist, one new space provided

5.10-4-15(G)(1)(a) to allow a vehicle parking setback 4' rather lieu of 10'.

6.10-5-5(C)(1) to allow an Impervious surface setback of 3'-9" in lieu of 14.87'.

7.4-5-18(I) to allow for the reestablishment of an existing non-conforming freestanding sign and to allow to for alteration in copy of the sign faces.

8.Parking 10-4-15(G) - 94 parking spaces required, 84 noncompliant spaces existing, 73 new conforming spaces provided after re-stripping lot and adding loading zone and trash enclosure.

Names and addresses of any experts (e.g., planner, architect, engineer, attorney, etc.):

FHS Design+Build, LLC
5821 W 117th PL.
Alsip, IL. 60803
Kal Muhammad
(312) 226-0051 Ext 202

V. EVIDENCE RELATING TO ZONING CODE STANDARDS FOR A VARIATION:

The following items are intended to elicit information to support conclusions by Village staff that the required findings/standards for a variation under the Zoning Code have been established and met. Therefore, please complete these items carefully.

A. Standards Applicable to All Variations Requested:

1. Provide evidence that due to the characteristics of the property in question, there are practical difficulties or particular hardship for the applicant/owner in carrying out the strict letter of the Zoning Code:

This is an existing shopping center with existing nonconforming conditions and limited parking spaces. The change in tenants and state of failure of the existing lot requires changes to the parking requirements.

2. a. Provide evidence that the property in question cannot yield a reasonable return if permitted to be used under the conditions allowed by the Zoning Code (i.e., without one or more variations):

OR

- b. Provide evidence that the plight of the applicant/owner is due to unique circumstances relating to the property in question:

The existing conditions and limited parking create a burden on attracting tenants to the plaza that will benefit the community.

3. Provide evidence that the requested variation(s), if granted, will not alter the essential character of the locality of the property in question:

No alteration will be needed. This is an existing parking lot.

- B. For the purpose of supplementing the above standards, Village staff, in making their decision that there are practical difficulties or particular hardships, shall also take into consideration the extent to which the evidence establishes or fails to establish the following facts favorably to the applicant:

1. Provide evidence that the particular physical surroundings, shape or topographical condition of the property in question would bring particular hardship upon the applicant/owner as distinguished from a mere inconvenience if the strict letter of the Zoning Code were to be carried out:

See attached survey. Existing detention area prevents additional parking spaces to be placed.

2. Provide evidence that the conditions upon which the petition for variation is based would not be applicable generally to other property within the same zoning district:

Existing conditions are site specific.

3. Provide evidence that the purpose of the variation is not based exclusively upon a desire to make more money out of the property in question:

Parking variation is only to accommodate tenants and will not generate income.

CLEAR PAGE

4. Provide evidence that the alleged difficulty or particular hardship has not been created by any person presently having an interest in the property in question or by the applicant.

This is an existing site and building. The hardship has not been created by any person with interest.

5. Provide evidence that the granting of the variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property in question is located.

This is an existing site and building. Reduced parking will no impact other properties.

6. Provide evidence that the proposed variation will not:

- a. Impair an adequate supply of light and air to adjacent property;

N/A No change.

- b. Substantially increase the hazard from fire or other dangers to the property in question or adjacent property;

N/A No change.

- c. Otherwise impair the public health, safety, comfort, morals or general welfare of the inhabitants of the Village;

N/A No change.

- d. Diminish or impair property values within the neighborhood;

N/A No change.

- e. Unduly increase traffic congestion in the public streets and highway;

N/A No change.

- f. Create a nuisance; or

N/A No change.

- g. Results in an increase in public expenditures.

N/A No change.

7. Provide evidence that the variation is the minimum variation that will make possible the reasonable use of the land, building or structure.

See parking calculations on site plan.

8. Please add any comments which may assist Village staff in reviewing this application.

VI. CERTIFICATIONS, CONSENT AND SIGNATURE(S)

I (We) certify that all of the statements and documents submitted as part of this application are true and complete to the best of my (our) knowledge and belief.

I (We) consent to the entry in or upon the premises described in the application by any authorized official of the Village of Glen Ellyn.

I (We) certify that I (we) have carefully reviewed the Glen Ellyn Zoning Variation Request Package and applicable provisions of the Glen Ellyn Zoning Code.

I (We) consent to accept and pay the cost to publish a notice of Public Hearing as submitted on an invoice from the publishing newspaper. I (we) understand that our request will not be scheduled for a Village Board agenda until and unless this invoice is paid.

<u>10/31/25</u>	<u>Dominick Cannata</u>	<u></u>
Date	Print Name	Signature of Applicant

_____	_____	_____
Date	Print Name	Signature of Applicant

_____	_____	_____
Date	Print Name	Signature of Applicant

AFFIDAVIT OF AUTHORIZATION

I, Legacy Shops Of Glen Ellyn, LLC. owner of the property described as

1184 w Roosevelt Rd., Glen Ellyn, IL. 60137

verify that FHS Build, LLC

is duly authorized to apply and represent my interests before the Glen Ellyn Plan Commission, Zoning Board of Appeals and/or Village Board. Owner acknowledges that any notice given applicant is actual notice to owner.


Owner Signature

Subscribed and sworn to before me this

31st day of October, 2025
Christina Yokhana

Notary Public



OWNERSHIP BY A CORPORATION

CLEAR PAGE

Date: **06/02/23**Address: **1184 W Roosevelt Rd., Glen Ellyn, IL. 60137**Legal Description: **See Attached.**

LIST ALL SHAREHOLDERS AND OFFICERS/DIRECTORS (AND % OF INTEREST OWNED
IN EXCESS OF 5% OF STOCK)

Name: **Dominick Cannata** Address: **171 N. Aberdeen St. Chicago, IL.** % **99**

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

Name: _____ Address: _____ % _____

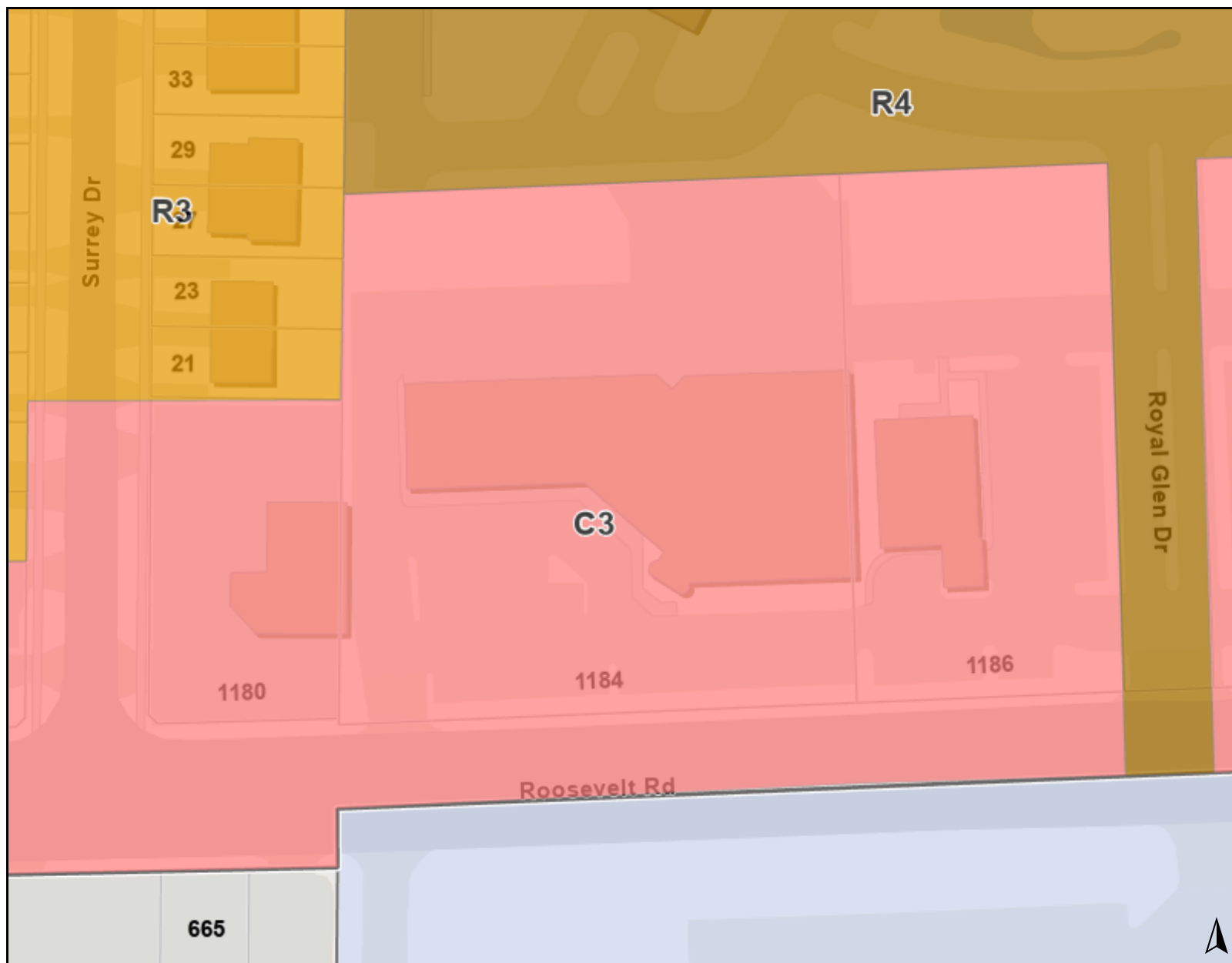
Name: _____ Address: _____ % _____

**Legend**

0 150 300
ft

Print Date: 11/5/2025**Notes**

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

**Legend**

Zoning and Development

Zoning

- C3: Service Commercial District
- R3: Multi-Family Residential District
- R4: Multi-Family Residential District

0 150 300
ft

Print Date: 11/5/2025

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

ALTA/NSPS LAND TITLE SURVEY

1182-84 ROOSEVELT ROAD, GLEN ELLYN, ILLINOIS

PARCEL 1:
LOT 2 IN ANNA'S DIVISION OF LOT 3 IN GLEN TERRACE PLAN DEVELOPMENT RESUBDIVISION OF PART OF THE SOUTHWEST QUARTER OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID ANNA'S DIVISION RECORDED JUNE 28, 1982 AS DOCUMENT R82-26783, IN DUPAGE COUNTY, ILLINOIS.
PARCEL 2:
NON-EXCLUSIVE EASEMENT FOR THE BENEFIT OF PARCEL 1 CREATED ON THE PLAT OF ANNA'S DIVISION RECORDED AS DOCUMENT R82-26783 AND RESERVED IN DEED RECORDED AS DOCUMENT R82-26795 FOR PEDESTRIAN AND VEHICULAR INGRESS, EGRESS AND CROSSING PURPOSES TO UPON THE NORTH 24 FEET OF THE SOUTH 50.49 FEET AND THE NORTH 32 FEET OF THE SOUTH 330.43 FEET OF LOT IN SAID ANNA'S DIVISION DUPAGE COUNTY, ILLINOIS.
PARCEL 3:
NON-EXCLUSIVE EASEMENT FOR THE BENEFIT OF PARCEL 1 CREATED BY GRANTS OF EASEMENTS RECORDED AS DOCUMENT R79-1902 FOR PEDESTRIAN AND VEHICULAR INGRESS, EGRESS AND CROSSING PURPOSES OVER AND UPON EASEMENT PARCEL 2 DESCRIBED AND DEPICTED ON EXHIBIT 1 ATTACHED THERETO

LAND AREA = 87,477 SF
OR 2.008 ACRES MORE OR LESS

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING SETBACK
- EXISTING CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING METAL FENCE
- EXISTING VINYL FENCE
- EXISTING CONCRETE SURFACE
- EXISTING ASPHALT SURFACE
- EXISTING BUILDING/STRUCTURE
- EXISTING UTILITY POLE
- EXISTING STREET SIGN
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING DRAIN INLET
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER VALVE
- EXISTING GAS METER
- EXISTING GAS LINE
- EXISTING ELECTRIC METER
- EXISTING OVERHEAD WIRE
- EXISTING UTILITY POLE
- EXISTING LIGHT POST
- EXISTING STREET SIGN
- EXISTING DRAINAGE
- EXISTING BOLLARD



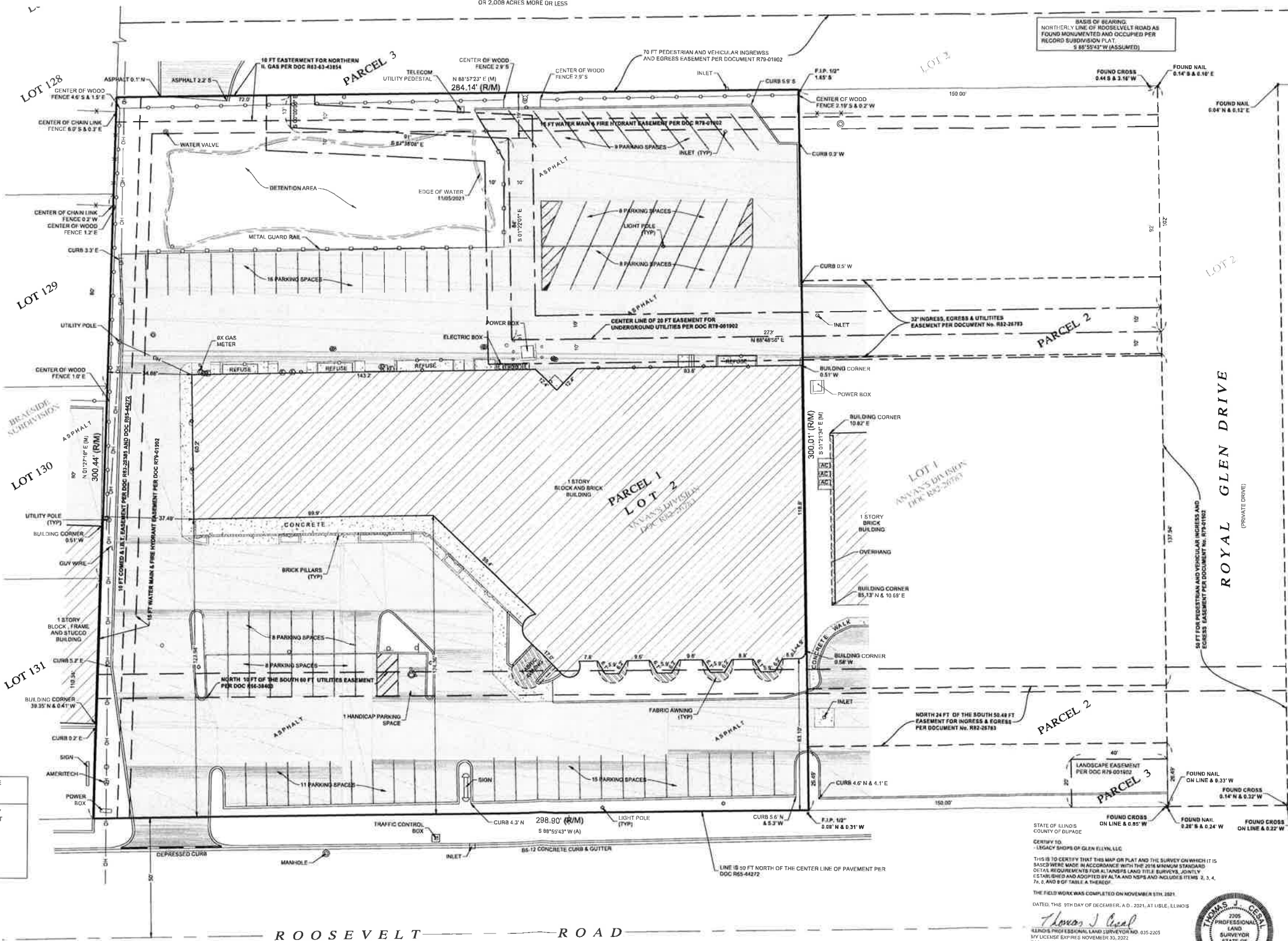
LOCATION MAP

GENERAL NOTES:

- COMPARE THIS PLAT, LEGAL DESCRIPTION AND ALL SURVEY POINTS AND MONUMENTS BEFORE ANY CONSTRUCTION, AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE SURVEYOR.
- DO NOT SCALE DIMENSIONS FROM THIS PLAT.
- THE LOCATION OF THE PROPERTY LINES SHOWN ON THE FACE OF THIS PLAT ARE BASED UPON THE DESCRIPTION AND INFORMATION FURNISHED BY THE CLIENT, TOGETHER WITH THE TITLE COMMITMENT. THE PARCEL WHICH IS DEFINED MAY NOT REFLECT ACTUAL OWNERSHIP, BUT REFLECTS WHAT WAS SURVEYED.
- MANHOLES, INLETS AND OTHER UTILITY RIMS OR GRATES SHOWN HEREON ARE FROM FIELD LOCATION OF SUCH AND ONLY REPRESENT SUCH UTILITY IMPROVEMENTS WHICH ARE VISIBLE FROM ABOVE GROUND AT THE TIME OF SURVEY. THROUGH A NORMAL SEARCH AND WALK THROUGH OF THE SITE, THE LABELING OF THESE MANHOLES (SANITARY, STORM, WATER, ETC.) IS BASED SOLELY ON THE "STAMPED" MARKINGS OF THE RIM. NO UNDERGROUND OBSERVATIONS HAVE BEEN MADE TO VERIFY THE ACTUAL USE OR EXISTENCE OF THE UNDERGROUND UTILITIES.
- NO UNDERGROUND UTILITIES OR DRAIN TILES, IF ANY EXIST, ARE SHOWN HEREON.
- THIS SURVEY MAY NOT REFLECT ALL UTILITIES OR IMPROVEMENTS IF SUCH ITEMS ARE HIDDEN BY LANDSCAPING OR ARE COVERED BY SUCH ITEMS AS DUMPS, TRAILERS, CARS, DRIFT, PAVING OR SNOW. AT THE TIME OF THIS SURVEY, SNOW DID NOT COVER THE SITE. LAWN SPRINKLER SYSTEMS, IF ANY, ARE NOT SHOWN ON THIS SURVEY.
- OTHER THAN VISIBLE OBSERVATIONS NOTED HEREON, THIS SURVEY MAKES NO STATEMENT REGARDING THE ACTUAL PRESENCE OR ABSENCE OF ANY SERVICE.
- CALL J.U.L.I.E. AT 1-800-892-6123 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO DOING ANY CONSTRUCTION WORK.
- PUBLIC AND/OR PRIVATE RECORDS HAVE NOT BEEN SEARCHED TO PROVIDE ADDITIONAL INFORMATION. OVERHEAD WIRES AND POLES (IF ANY EXIST) ARE SHOWN HEREON, HOWEVER THEIR FUNCTION AND DIMENSIONS HAVE NOT BEEN SHOWN.
- RESTRICTIONS THAT MAY BE FOUND IN LOCAL BUILDING AND/OR ZONING CODES HAVE NOT BEEN SHOWN. HEIGHTS AND BUILDING RESTRICTIONS (IF ANY) HAVE NOT BEEN SHOWN. ONLY THOSE SETBACK RESTRICTIONS SHOWN ON THE RECORDED SUBDIVISION OR IN THE TITLE COMMITMENT HAVE BEEN SHOWN. THIS PROPERTY IS SUBJECT TO SETBACKS AS ESTABLISHED BY THE GOVERNING JURISDICTION'S ZONING ORDINANCES AND/OR CODES AS AMENDED.
- THIS PARCEL HAS BEEN IDENTIFIED AS BEING IN "ZONE X" PER THE FLOOD INSURANCE RATE MAP IN COOK COUNTY, AS SHOWN ON MAP NO. 17043C0156J WITH A REVISED MAP DATE OF 08/01/2019.

THIS SURVEY CONFORMS WITH A TITLE COMMITMENT PREPARED BY CHICAGO TITLE INSURANCE COMPANY, ORDER NUMBER 20040807 WITH AN EFFECTIVE DATE OF DECEMBER 2, 2020. NOTES CORRESPONDING TO SCHEDULE "B" EXCEPTIONS:

- ITEMS 1 THROUGH 10 OF SCHEDULE B PART I AND ITEMS 1 THROUGH 18 AND 23 THROUGH 27 OF SCHEDULE B PART II (SPECIAL EXCEPTIONS) ARE EITHER NOT SURVEY ITEMS OR CANNOT BE PLOTTED.
- ITEM 19 DOC R63-28385 A 10 FT GRANT TO ILLINOIS BELL TELEPHONE IS HEREON DRAWN.
- ITEM 20 DOC R65-4272 A 10 FT EASEMENT FOR ILLINOIS BELL TELEPHONE AND COMMONWEALTH EDISON IS HEREON DRAWN.
- ITEM 21 DOC R66-38403 A 10 FT EASEMENT FOR ILLINOIS BELL TELEPHONE AND COMMONWEALTH EDISON IS HEREON DRAWN.
- ITEM 22 DOC R68-43854 10 FT UTILITY EASEMENT IS HEREON DRAWN.



STATE OF ILLINOIS
COUNTY OF DUPAGE
CERTIFY TO:
LEGACY SHOPS OF GLEN ELLYN, LLC
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2018 NATIONAL STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS AND INCLUDES ITEMS 2, 3, 4, 7A, 8, AND 9 OF TABLE A THERETO.
THE FIELD WORK WAS COMPLETED ON NOVEMBER 8TH, 2021.
DATED THIS 8TH DAY OF DECEMBER, A.D. 2021, AT LIBLE, ILLINOIS
Thomas J. Leal
2005 PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
ENGINEERING CORPORATION NO. 154-001245
CLIENT: BROOKLINE REAL ESTATE

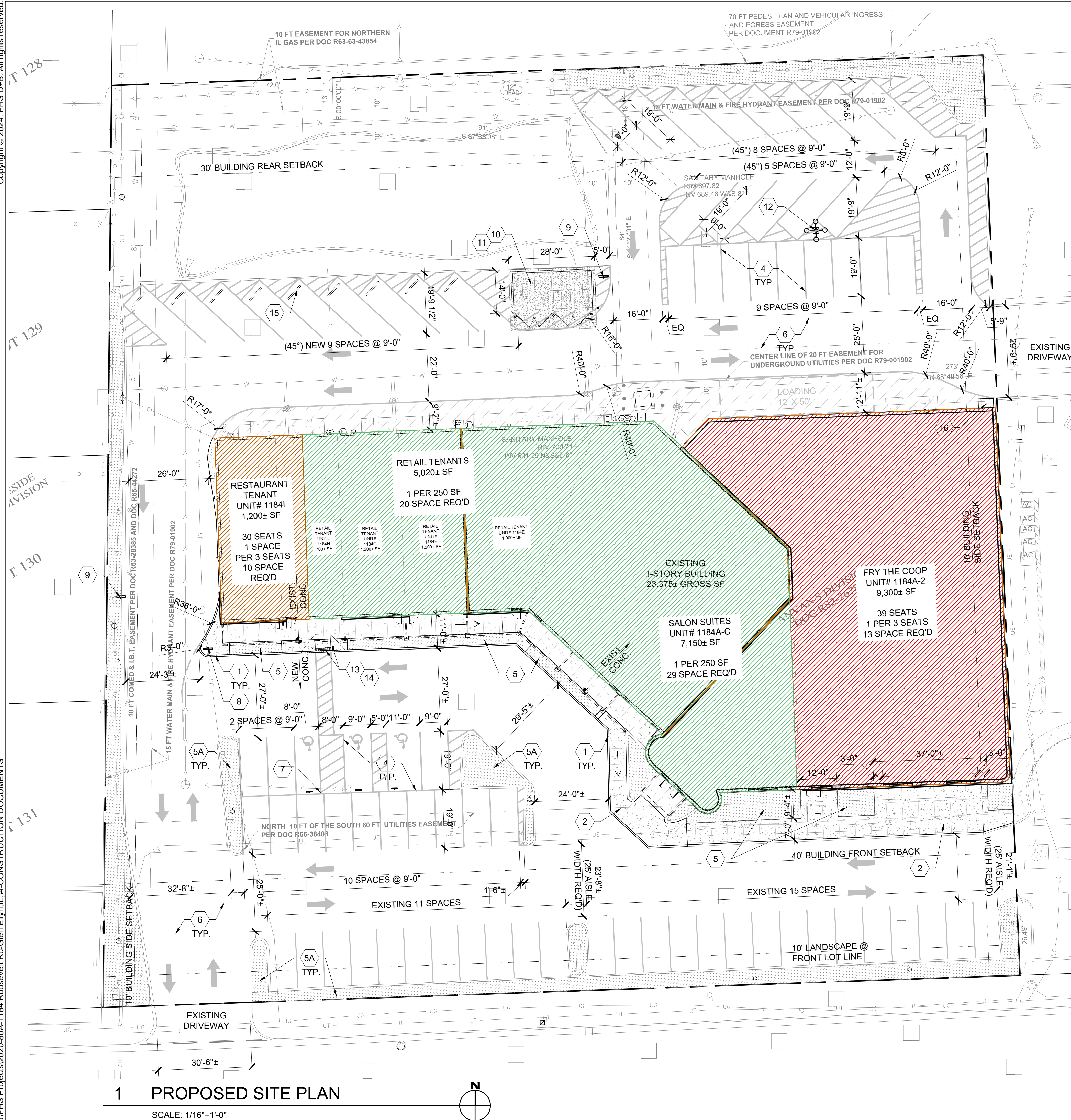


ALTA/NSPS LAND TITLE SURVEY
1182-84 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS

Morris Engineering, Inc.
Civil Engineering - Consulting
Land Surveying
515 Warrville Road, Suite 110-0770
Sunnyvale, CA 94086
Phone: (650) 271-0770
Fax: (650) 271-0774
Website: www.morriseng.com



FIELD CREW: MD/WM
DRAWN BY: NG
CHECKED BY: TJC
APPROVED BY: TJC
DATE: 11/16/2021
SCALE: HORIZ 1"=20'
VERT. NONE
SHEET
1
OF 1 SHEETS
PROJ # 21-10-5004



- 1 NEW CONCRETE CURB, SEE DETAIL ON CIVIL PLANS
- 2 NEW CONCRETE SIDEWALK, SEE DETAIL ON CIVIL PLANS
- 3 NEW ASPHALT PAVEMENT. SEE CIVIL PLANS
- 4 NEW PAVEMENT MARKINGS W/ THERMOPLASTIC YELLOW PAINT.
- 5 NEW LANDSCAPE AREA, SEE OWNER'S LANDSCAPE ARCHITECTS PLANS
- 6 EXISTING ASPHALT PARKING LOT TO BE RESURFACED, SEAL COATED, AND RE-STRIPED.
- 7 NEW HANDICAP PARKING SIGN, SEE DETAILS.
- 8 NEW "DO NOT ENTER" SIGN
- 9 NEW "YIELD" SIGN
- 10 NEW MASONRY TRASH ENCLOSURE, SEE DETAILS.
- 11 CONCRETE PAD AT TRASH ENCLOSURE. SEE DETAILS
- 12 NEW POLE MOUNTED PARKING LOT LIGHT, SEE DETAILS.
- 13 NEW 1:12 RATIO HANDICAP RAMP & 1:10 RATIO FLARE RAMP W/ DEPRESSED CURB
- 14 TACTILE WARNING STRIP @ H.C. CROSSWALK
- 15 WHEEL STOP. SEE DETAIL
- 16 NEW CONCRETE PAD @ EXTERIOR DOOR. SEE CIVIL PLAN

ZONING DATA	REQUIRED	ACTUAL
ZONING DISTRICT	---	C3 - SERVICE DISTRICT
LOT SIZE:	10,000 SF MIN	87,478± SF
BUILDING SF:	---	23,200 SF±
MAXIMUM HEIGHT:	45'	1-STORY / 21'-0"±
F.A.R	---	---
PAVEMENT AREA:	---	---
SETBACK = FRONT:	40'	EXISTING
SIDE	10'; 20' ADJ TO RES	EXISTING
REAR	30'	EXISTING
<u>PARKING</u>		
PARKING SPACE:	83 SPACES	70 PARKING + 3 H.C. <u>TOTAL 73 SPACES</u>
PARKING STALL SIZE:	18' L x 9' W	90° = 19' L x 9' W 45° = 19' L x 9' W

PHS
DESIGN + BUILD, LLC

1 Mid America Plaza, 3rd Fl
Oakbrook Terrace, IL 60181
ph 312-226-0051
fx 312-226-0997
info@hdsdesignbuild.com

ARCHITECTURE ■ PLANNING ■ CONSTRUCTION

ARCHITECT OF RECORD



YANET
HERRERA
001.023272

LICENSED ARCHITECT
STATE OF ILLINOIS

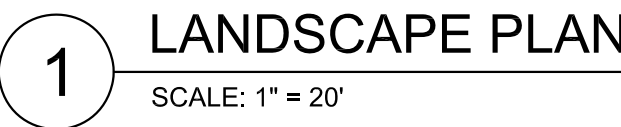
RETAIL
CENTER

DATE	10/21/2020
FHS #	2020-86
SCALE	AS NOTED
09/27/24	DRAWN KI
01/17/24	CKD KM
DATE	APRD FS
REVISIONS	
NO	DESCRIPTION
-	ZONING VARIATION
-	ISSUED FOR PERMIT/BID
-	ZONING VARIATION

1184 ROOSEVELT RD.
GLEN ELLYN, IL. 60137

PROPOSED SITE PLAN

AS-100



-  NEW SHADE TREE
-  EXISTING DECIDUOUS TREE
-  NEW ORNAMENTAL TREE
-  NEW EVERGREEN TREE
-  NEW DECIDUOUS SHRUB
-  NEW EVERGREEN SHRUB

-  MIX A (1,522 SF)
 MIX B (5,065 SF)
 MIX C (667 SF)
 MIX D (7,327 SF)

ABV	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
DECIDUOUS TREES					
QA	QUERCUS ALBA	WHITE OAK	3-4" CAL.	14' O.C.	9
OB	QUERCUS BOREALIS	NORTHERN RED OAK	4.5" CAL.	AS SHOWN	3
ORNAMENTAL TREES					
MFJ	MAGNOLIA 'JANE'	JANE MAGNOLIA	8.5' T	14' O.C.	6
EVERGREEN TREES					
PG	PINUS GLAUCOA 'DENSATA'	BLACK HILLS SPRUCE	10.5' T	14' O.C.	4
DECIDUOUS SHRUBS					
RT	RHUS TYPHINA 'BAILTIGER'	TIGER EYES SUMAC	#5	AS SHOWN	3
EVERGREEN SHRUBS					
TO'S	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	#5	AS SHOWN	18
PERENNIAL MIX A					
25%	ALLIUM 'SUMMER BEAUTY'	SUMMER BEAUTY ONION	#1	24" O.C.	90
25%	ECHINACEA PURPUREA	PURPLE CONEFLOWER	#1	24" O.C.	90
50%	SPOROBOLUS HETEROLEPIS 'TARA'	DWARF PRAIRIE DROPSEED	#1	24" O.C.	181
PERENNIAL MIX B					
25%	PANICUM VIRGATUM 'NORTHWIND'	NORTHWIND SWITCHGRASS	#1	24" O.C.	345
30%	PENSTEMON DIGITALIS 'HUSKER RED'	HUSKER RED FOXGLOVE BEARDTONGUE	#1	24" O.C.	414
20%	RUDBECKIA FULGIDA 'GOLDSTURM'	BLACK-EYED SUSAN	#1	24" O.C.	276
	RUDBECKIA 'VETTE'S LITTLE SUZY'	LITTLE SUZY BLACK-EYED SUSAN	#1	24" O.C.	345
PERENNIAL MIX C					
25%	CALAMINTHA NEPETA SSP. NEPETA	LESSER CALAMINT	#1	24" O.C.	36
5%	JUNIPERUS PROCUMBENS 'NANA'	DWARF JAPANESE GARDEN JUNIPER	#3	24" O.C.	7
20%	PENSTEMON DIGITALIS 'HUSKER RED'	HUSKER RED FOXGLOVE BEARDTONGUE	#1	24" O.C.	29
30%	SPOROBOLUS HETEROLEPIS 'TARA'	DWARF PRAIRIE DROPSEED	#1	24" O.C.	43
10%	SYMPHYOTRICHUM 'BILLOWING VIOLET'	BILLOWING VIOLET AROMATIC ASTER	#1	24" O.C.	14
10%	SYMPHYOTRICHUM 'COTTON CANDY'	COTTON CANDY AROMATIC ASTER	#1	24" O.C.	14
MIX D (SEED MIX)					
100%	'DETENTION BASIN - BIOSWALE' SEED MIX	BY PRAIRIE NURSERY	SEED	7,327 SF	4 LBS

- THE CONTRACTOR SHALL DESIGN, SUPPLY, AND INSTALL IRRIGATION SYSTEM FOR ALL SODDED AND PLANTING AREAS SHOWN ON THIS SHEET. DESIGN SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION

- ALL PLANT BEDS SHALL CONTAIN A 3" LAYER OF LEAF MULCH
- CONTRACTOR TO PLACE 4' DIAMETER MULCH RING AROUND ALL TREES IN LAWN

- **SIGN LANDSCAPING:** A LANDSCAPE AREA EQUAL TO 2 SF FOR EACH SF OF SIGNAGE IS REQUIRED AND PROVIDED

- PERIMETER LANDSCAPE: AN AREA 10' WIDE REQUIRED ALONG FRONT AND SIDE LOT LINES ABUTTING A STREET. TO BE APPROPRIATELY PLANTED AND LANDSCAPED. A 15.5' LANDSCAPE AREA PROVIDED ALONG W ROOSEVELT.

MINIMUM TREES:
 QUANTITY: A MINIMUM OF 24 TREES PER ACRE OF GREEN SPACE ON A SITE SHALL BE PROVIDED
 DISTRIBUTION: THE REQUIRED QUANTITY OF TREES ON A SITE SHALL BE IN THE DISTRIBUTION BELOW (ALL PORTIONS THEREOF SHALL BE ROUNDED UP TO THE NEAREST WHOLE NUMBER). LARGER TREES MAY BE SUBSTITUTED FOR SMALLER TREES IN THE SAME "TYPE" CATEGORY IDENTIFIED BELOW.
 TOTAL GREEN SPACE: 0.36 ACRES (A)
 13 TREES REQUIRED, 23 TREES PROVIDED (1 EXISTING, 22 PROPOSED)

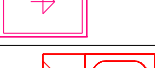
- DECIDUOUS SHADE

2-2.5" CAL, 6 X .36 A =	3 REQUIRED, 0 PROVIDED	-
3-4" CAL, 5 X .36 A =	2 REQUIRED, 9 PROVIDED	(9 NEW TREES)
4.5" CAL, 3 X .36 A =	2 REQUIRED, 4 PROVIDED	(1 EXISTING TREE; 3 NEW TREES)

- 6-8' T, 3 X .36 A = 2 REQUIRED, 0 PROVIDED -
8.5' T, 2 X .36 A = 1 REQUIRED, 6 PROVIDED (6 NEW TREES)

- | | | |
|-------------------------|------------------------|---------------|
| 6-8' T, 2 X .36 A = | 1 REQUIRED, 0 PROVIDED | - |
| 8.5'-10' T, 2 X .36 A = | 1 REQUIRED, 0 PROVIDED | - |
| 10.5' T, 1 X .36 A = | 1 REQUIRED, 4 PROVIDED | (4 NEW TREES) |

- SCREEN TRASH ENCLOSURES, TRANSFORMERS, AND UTILITIES
- UTILIZE PERIMETER LANDSCAPING TO SCREEN VIEWS OF PARKING LOTS
- LANDSCAPE BLANK BUILDING WALLS (5' WIDE MINIMUM)

Luminaire Schedule						
Symbol	Label	Qty	Description	LLF	Lum. Watts	Lum. Lumens
	A04-BLC	2	OPF-S-A04-840-BLC	0.900	90.68	9509
	A04-T4M	1	OPF-S-A04-840-T4M	0.900	90.68	13711
	A04-T4W	2	OPF-S-A06-840-T4W	0.900	122.2	16642
	A05-T3M	1	OPF-S-A05-840-T3M	0.900	104.3	15175
	A06-T4M	1	OPF-S-A06-840-T4M	0.900	122.2	17479
	A06-T4M-HIS	1	OPF-S-A06-840-T4M-HIS	0.900	122.2	13599
	A06-T4W-HIS	1	OPF-S-A06-840-T4W-HIS	0.900	122.2	11148
	WL-2	8	TS-WPD0204-25W-W	0.900	24.9268	3190
	WL-6	6	LPW-32-50-NW-G3-4-EBP-Normal Mode	0.900	45.4	5710

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
East plus 5ft Property	Illuminance	Fc	0.45	1.0	0.0	N.A.	N.A.
East Property Line	Illuminance	Fc	0.57	1.4	0.0	N.A.	N.A.
North plus 5ft Property Line	Illuminance	Fc	0.13	0.3	0.0	N.A.	N.A.
North Property Line	Illuminance	Fc	0.22	0.5	0.0	N.A.	N.A.
Site	Illuminance	Fc	2.40	18	0	N.A.	N.A.
South plus 5ft Property	Illuminance	Fc	0.33	0.5	0.0	N.A.	N.A.
South Property Line	Illuminance	Fc	0.50	0.9	0.2	2.50	4.50
West plus 5ft Property	Illuminance	Fc	0.35	0.9	0.0	N.A.	N.A.
West Property Line	Illuminance	Fc	0.44	1.1	0.0	N.A.	N.A.

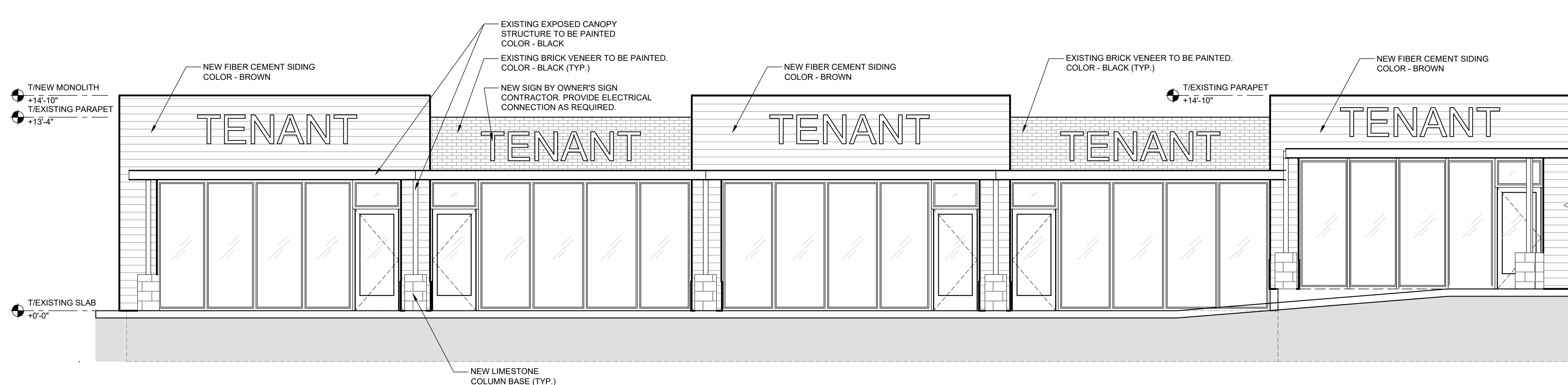


Chicago Lightworks
505 Warrenville Rd.
Suite 101
Lisle, IL 60532

Prepared By:
M Brizzell
(630) 320-2948
MBrizzell@chicagolightworks.com

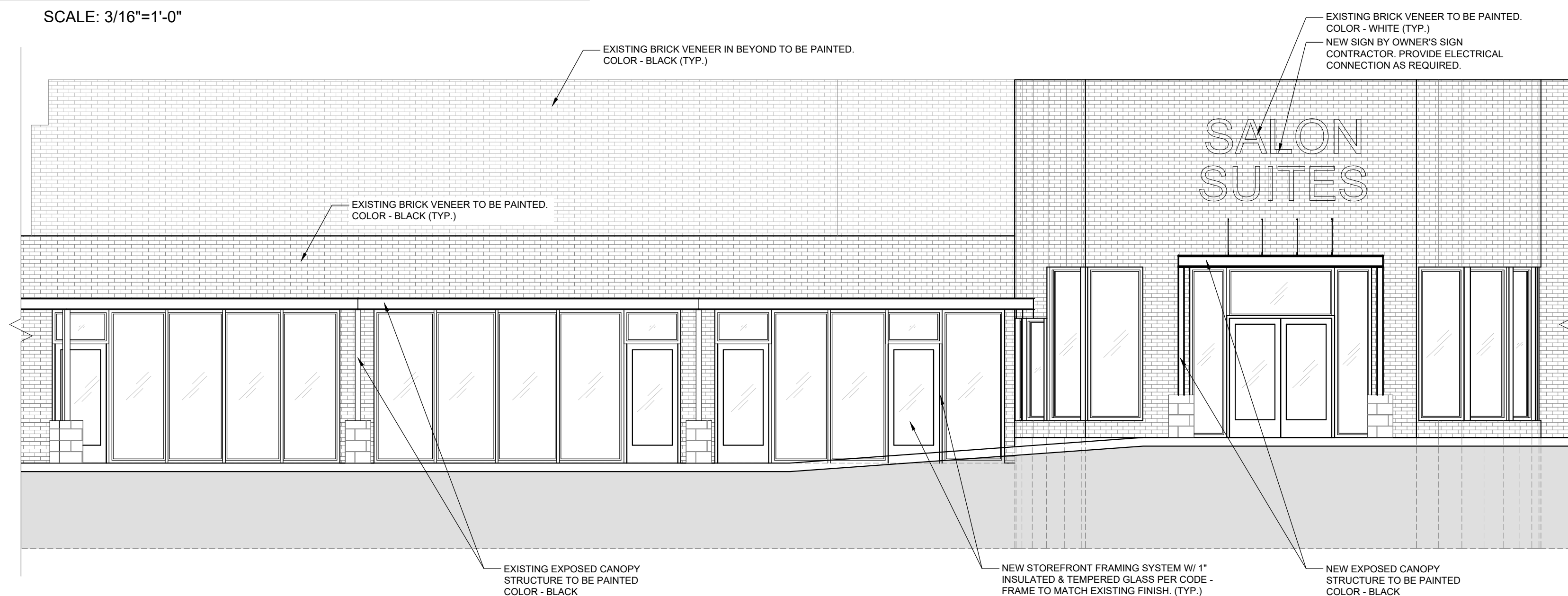
Rev	Date	Comments

Project Name: 1184 Roosevelt Rd Glen Ellyn NOT TO SCALE Date: 10/18/2024	
---	--



1 SOUTH ELEVATION - WEST

SCALE: 3/16"=1'-0"



2 SOUTH EAST ELEVATION

SCALE: 3/16"=1'-0"



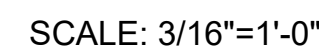
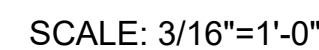
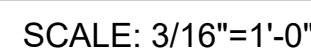
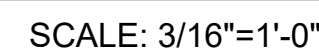
3 SOUTH ELEVATION - EAST

SCALE: 3/16"=1'-0"

SIGNS ARE NOT IN PERMIT, SHOWN ONLY
FOR COORDINATION. SIGN CONTRACTOR
MUST OBTAIN SIGN PERMIT.

NOTE: EXISTING PYLON SIGN TO BE
PAINTED & VERIFY FUNCTIONALITY AND
POWER CONNECTIONS.

DATE	10/21/2020
FHS #	2020-86
SCALE	AS NOTED
DRAWN	KI
ISSUED FOR PERMIT	XX/XX/21
DATE	CKD
REVISIONS	KM



NOTE: EXISTING PYLON SIGN TO BE
PAINTED & VERIFY FUNCTIONALITY AND
POWER CONNECTIONS.

FLEX NEON LRT7 0.7" THREE SIDED LENS INDOOR/OUTDOOR

24VDC 2W | 5W | 7W BENDS LEFT/RIGHT STATIC WHITE, WARM DIM & TUNABLE WHITE

ASSEMBLED IN AMERICA

REV 09.30.24



DESCRIPTION

LRT7 Flexible Neon Bends Left to Right with a 0.7" wide three-sided lens, offering superior color quality and performance while creating uniform illumination without visible dots. Flex Neon can be Flush or Surface Mounted. Choose from 9 different color temperatures ranging from 2000K to 3500K, including two Warm Dim options of 2400K (**24D**) or 2700K (**27D**) and Tunable White (**2K6K**). Tunable White technology grants independent control for adjusting LED color temperature and brightness. Use with two dimmers or, our proprietary Tunable White Controller (**CDMX-1**) for fast and accurate adjustment with three pre-set scenes (Ordered separately). The (**W**) is an **IP67 rated wet location** fixture featuring watertight barrel connections. The (**S**) **Seamless** (for continuous, seamless runs), is **rated for Indoor Damp Locations ONLY** and uses Class 2 bare wire connectors. Fixture includes a 5-year pro-rated warranty. Patent pending. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

LUMEN PERFORMANCE AT 3000K 7W PER FOOT (SEE COMPLETE CHART PG 2)

LUMEN OUTPUT	560 lm/ft	EFFICIENCY	77 lm/watt
CRI	94	R9	76
BEAM ANGLE	120°	BEAM TOLERANCE	+/- 30CCT

SPECIFICATIONS

Flat top view 0.5" wide 0.75" high

INPUT	24VDC with 5" leads
POWER SUPPLIES	Remote 24VDC power supply required
POWER CONSUMPTION	2.5, 4.4 or 7.3 watts per foot
INCREMENTS	2.4" or 3"
MAX LENGTH	2W - 40', 5W- 20', 7W- 12'
BENDING	4" Minimum Radius
MATERIAL	UV Resistant PVC
OPERATING TEMPERATURE	-4° F (-20° C) to 122° F (+50° C)
AVERAGE LED LIFE	50,000 hrs
WARRANTY	5 Year pro-rated
COMPLIANCE	Class 2 Wiring Indoor Applications, Outdoor Wet Location with Water Tight Barrel Connectors IP67 Rated, ETL listed



REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

OUTDOOR/WET LOCATION

Static White

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)

Warm Dim

- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Make It Smart: Pure Smart™ Wi-Fi Dimmer](#)

Tunable White

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [0-10V](#): Requires two dimmers, one for intensity and one for color temperature
- [DMX Dynamic Color Changing](#): Must be used with PureEdge [Controllers](#)

INDOOR

Static White

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)

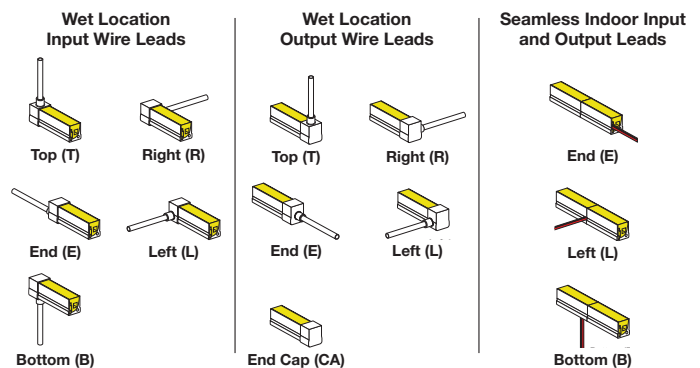
Warm Dim

- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Make It Smart: Pure Smart™ Wi-Fi Dimmer](#)

Tunable White

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [0-10V](#): Requires two dimmers, one for intensity and one for color temperature
- [DMX Dynamic Color Changing](#): Must be used with PureEdge [Controllers](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies



System	Viewing Angle Model Shape	Wattage	Length in Inches	Color Temperature	5" Input Wire Feed	5" Output Wire	Environment
FN	LRT7	2W	120	27K	E	L	W
FN Flex Neon 24V	LRT7 Left or Right side bend Three Sided Lens 0.6" x 0.75"	2W 2.5 watts per foot 5W 5 watts per foot 7W 7.5 watts per foot	6-480 (40ft max) 6-240 (20ft max) 6-144 (12ft max)	20K 2000K Candle Light White 22K 2200K Amber White 24K 2400K Very Warm White 24D* 2400K Warm Dim, Dims to 1800K 27K 2700K Incandescent White 27D* 2700K Warm Dim, Dims to 2000K 30K 3000K Warm White 35K 3500K Neutral White 2K6K** Tunable White 2000K-6500K 27K6** Tunable White 2700K-6500K	T Top Power Input Wire E* End Power Input Wire L* Left Power Input Wire R Right Power Input Wire B* Bottom Power Input Wire	T Top Wire Lead Out E* End Wire Lead Out L* Left Wire Lead Out R Right Wire Lead Out B* Bottom Wire Lead Out CA Cap at end, no feed through	S Seamless Indoor/ Damp location bare wire leads Bottom and Left Feed Only W Outdoor wet location Barrel Connector cable leads

*Static & Tunable White:
2.4" Increments
Warm Dim: 3"
increments

*5 Watt Only
**5 & 7 Watt Only

*Seamless indoor: E, L, B Only

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

FLEX NEON LRT7 0.7" THREE SIDED LENS INDOOR/OUTDOOR

24VDC 2W | 5W | 7W BENDS LEFT/RIGHT STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 09.30.24

NOMINAL DELIVERED LUMENS

	FN-LRT7												
WATTS PER FOOT	2W (2.5 watts)				5W (5 watts)					7W (7.5 watts per ft)			
COLOR TEMPERATURE	24K	27K	30K	35K	24K	24D*	27K	27D*	35K	24K	27K	30K	35K
LUMENS PER FOOT (lm/ft)	114	115	120	137	210	242	212	252	254	325	328	342	392
LUMENS PER WATT (lm/w)	45	46	48	55	48	50	48	53	58	44	45	47	54
CRI	92+	92+	92+	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+

*Warm Dim: 4.8 Watts

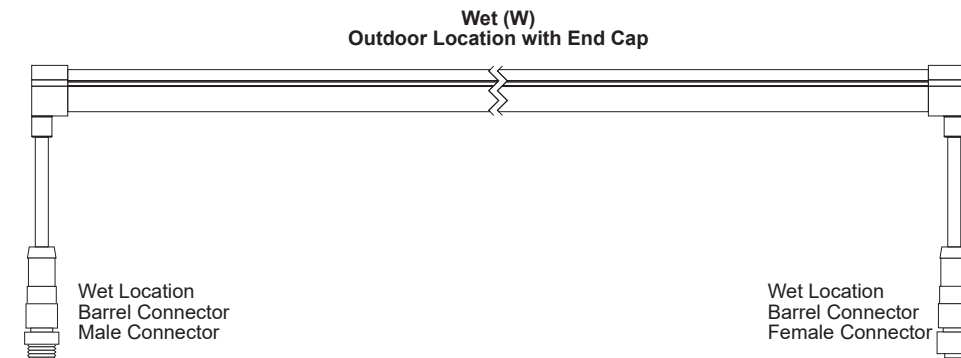
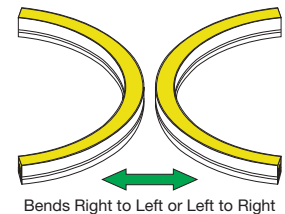
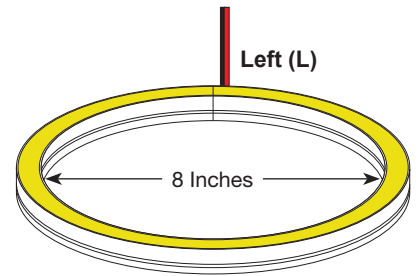
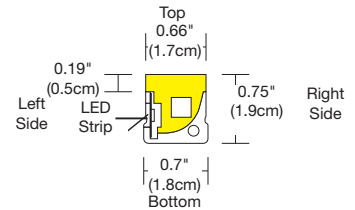
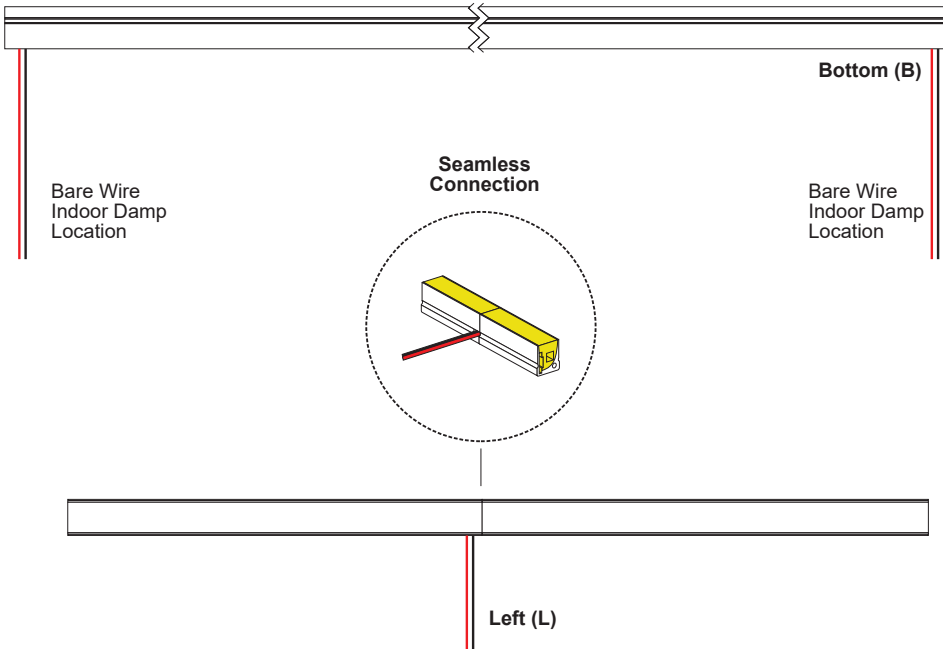
	2K6K*																	
WATTS PER FOOT	4.6W									7.5W								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	147	153	159	165	171	183	196	198	200	205	214	224	234	243	262	276	279	282
LUMENS PER WATT (lm/w)	32	32	33	34	36	38	41	41	43	32	30	31	32	34	36	38	39	44
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+

*Tunable White has a variance in color temperature due to the curvature of the material.

	27K6													
WATTS PER FOOT	4.6W							7.5W						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	164	168	174	181	179	177	177	222	227	235	244	241	239	238
LUMENS PER WATT (lm/w)	41	37	38	39	39	39	44	35	32	33	34	34	33	37
CRI	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+

DRAWINGS & DIMENSIONS Dimensions for the Flex Neon LRT7

Seamless (S) Connection Indoor / Damp Rated with No End Cap



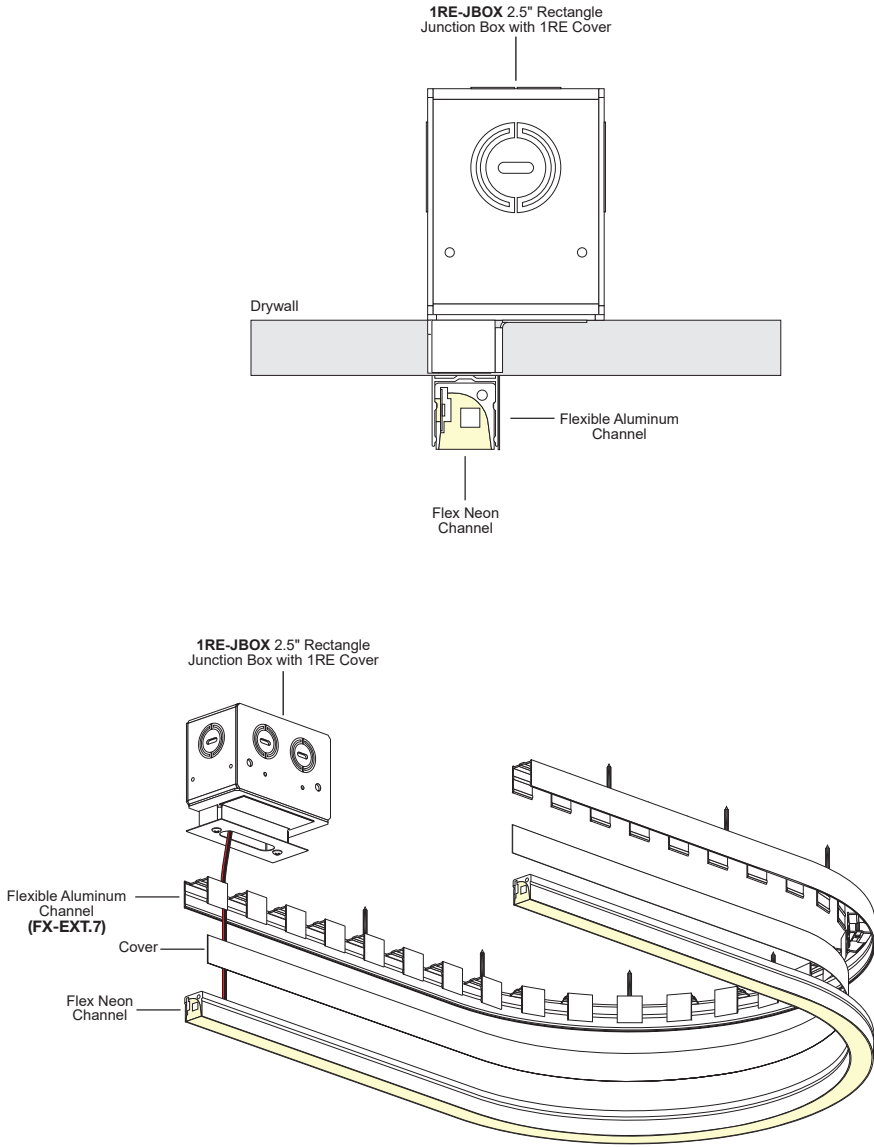
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

FLEX NEON LRT7 0.7" THREE SIDED LENS INDOOR/OUTDOOR

24VDC 2W | 5W | 7W BENDS LEFT/RIGHT STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 09.30.24

Drawings: Exploded View for Flexible Aluminum Channel with 1RE J-box



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

FLEX NEON LRT7 0.7" THREE SIDED LENS INDOOR/OUTDOOR

24VDC 2W | 5W | 7W BENDS LEFT/RIGHT STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 09.30.24

LENGTH CHART Actual lengths for Flex Neon LRT7

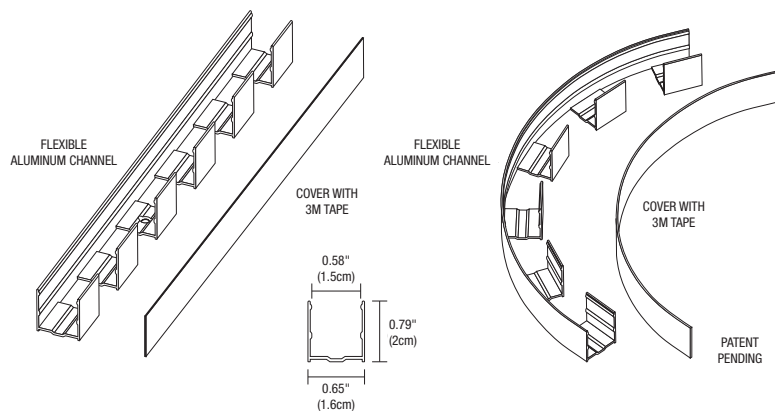
LENGTH CHART - STATIC WHITE											
Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length
3	3.15	72	72.75	142	142.35	212	211.95	281	281.55	348	348.75
5	5.55	75	75.15	144	144.75	214	214.35	284	283.95	351	351.15
8	7.95	77	77.55	147	147.15	216	216.75	286	286.35	353	353.55
10	10.35	80	79.95	149	149.55	219	219.15	288	288.75	356	355.95
12	12.75	82	82.35	152	151.95	221	221.55	291	291.15	358	358.35
15	15.15	84	84.75	154	154.35	224	223.95	293	293.55	360	360.75
17	17.55	87	87.15	156	156.75	226	226.35	296	295.95	363	363.15
20	19.95	89	89.55	159	159.15	228	228.75	298	298.35	365	365.55
22	22.35	92	91.95	161	161.55	231	231.15	300	300.75	368	367.95
24	24.75	94	94.35	164	163.95	233	233.55	303	303.15	370	370.35
27	27.15	96	96.75	166	166.35	236	235.95	305	305.55	372	372.75
29	29.55	99	99.15	168	168.75	238	238.35	308	307.95	375	375.15
32	31.95	101	101.55	171	171.15	240	240.75	310	310.35	377	377.55
34	34.35	104	103.95	173	173.55	243	243.15	312	312.75	380	379.95
36	36.75	106	106.35	176	175.95	245	245.55	315	315.15	382	382.35
39	39.15	108	108.75	178	178.35	248	247.95	317	317.55	384	384.75
41	41.55	111	111.15	180	180.75	250	250.35	320	319.95	387	387.15
44	43.95	113	113.55	183	183.15	252	252.75	322	322.35	389	389.55
46	46.35	116	115.95	185	185.55	255	255.15	324	324.75	392	391.95
48	48.75	118	118.35	188	187.95	257	257.55	327	327.15	394	394.35
51	51.15	120	120.75	190	190.35	260	259.95	329	329.55	396	396.75
53	53.55	123	123.15	192	192.75	262	262.35	332	331.95	399	399.15
56	55.95	125	125.55	195	195.15	264	264.75	334	334.35	401	401.55
58	58.35	128	127.95	197	197.55	267	267.15	336	336.75	404	403.95
60	60.75	130	130.35	200	199.95	269	269.55	339	339.15	406	406.35
63	63.15	132	132.75	202	202.35	272	271.95	341	341.55	408	408.75
65	65.55	135	135.15	204	204.75	274	274.35	344	343.95	411	411.15
68	67.95	137	137.55	207	207.15	276	276.75	346	346.35	413	413.55
70	70.35	140	139.95	209	209.55	279	279.15			480	480.75

LENGTH CHART - WARM DIM											
Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length
3	3.75	75	75.75	138	138.75	207	207.75	276	276.75	345	345.75
6	6.75	78	78.75	141	141.75	210	210.75	279	279.75	348	348.75
9	9.75	81	81.75	144	144.75	213	213.75	282	282.75	351	351.75
12	12.75	84	84.75	147	147.75	216	216.75	285	285.75	354	354.75
15	15.75	87	87.75	150	150.75	219	219.75	288	288.75	357	357.75
18	18.75	90	90.75	153	153.75	222	222.75	291	291.75	360	360.75
21	21.75	93	93.75	156	156.75	225	225.75	294	294.75	363	363.75
24	24.75	96	96.75	159	159.75	228	228.75	297	297.75	366	366.75
27	27.75	99	99.75	162	162.75	231	231.75	300	300.75	369	369.75
30	30.75	102	102.75	165	165.75	234	234.75	303	303.75	372	372.75
33	33.75	105	105.75	168	168.75	237	237.75	306	306.75	375	375.75
36	36.75	108	108.75	171	171.75	240	240.75	309	309.75	378	378.75
39	39.75	111	111.75	174	174.75	243	243.75	312	312.75	381	381.75
42	42.75	114	114.75	177	177.75	246	246.75	315	315.75	384	384.75
45	45.75	117	117.75	180	180.75	249	249.75	318	318.75	387	387.75
48	48.75	120	120.75	183	183.75	252	252.75	321	321.75	390	390.75
51	51.75	123	123.75	186	186.75	255	255.75	324	324.75	393	393.75
54	54.75	126	126.75	189	189.75	258	258.75	327	327.75	396	396.75
57	57.75	129	129.75	192	192.75	261	261.75	330	330.75	399	399.75
60	60.75	132	132.75	195	195.75	264	264.75	333	333.75	402	402.75
63	63.75	135	135.75	198	198.75	267	267.75	336	336.75	405	405.75
66	66.75			201	201.75	270	270.75	339	339.75	408	408.75
69	69.75			204	204.75	273	273.75	342	342.75	411	411.75
72	72.75									480	480.75

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

FLEX NEON OUTDOOR ACCESSORIES & J-BOXES

24VDC 2W | 5W | 7W BENDS LEFT/RIGHT STATIC WHITE, WARM DIM & TUNABLE WHITE



FLEXIBLE ALUMINUM CHANNEL

Flexible aluminum channel is designed to work specifically with Flex Neon for practical and professional mounting. The channel can make large radius 90° turns and sweeping bends that follow the form of architectural details, soffits, signage and more - consider using this channel to guide your linear LED lighting design. Patent Pending.

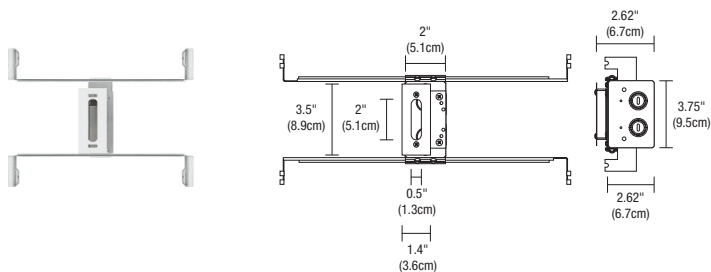
Product	Length	Finish
FX-EXT.7	4FT	WH
FX-EXT.7 Flexible Extrusion 0.7" Wide	4FT 4 Feet	BK Black WH White



FLEXIBLE 3D CHANNEL

Flexible 3D Channel is designed to flex up/down and left right. specifically or recessed mounting into wood, brick, cement . The channel can make 4 inch radius 90° turns that follow the form of architectural details and soffits.

Product	Length	Finish
FX3D-EXT.7	4FT	CH
FX-EXT.7 Flexible Extrusion 0.7" Wide	4FT 4 Feet	CH Chrome

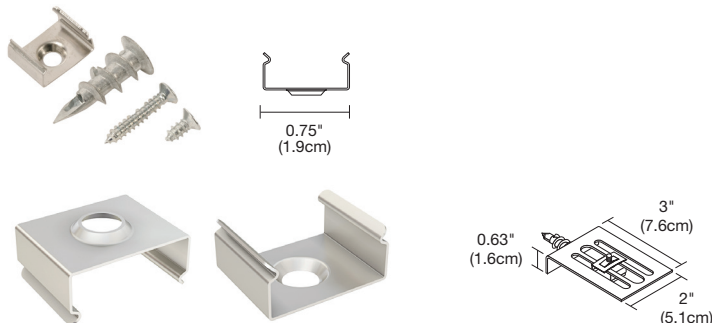


1" RECTANGLE CANOPY & J-BOX*

The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from Remote Power Supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Includes a Goof Plate, for poor plastering around J-box.

*Only to be used with Seamless Indoor Bottom Lead-In and Out

Product	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box



MOUNTING CLIPS

NX.5-MCL mounting clips are provided with every 12" of Flex Neon and may be ordered separately as replacement parts.

System	Product
NX.5	MCL
NX.5 Flex Neon .5" Mounting Clip	MCL Mounting Clip

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--



FLEX NEON OUTDOOR ACCESSORIES & J-BOXES

24VDC 2W | 5W | 7W BENDS LEFT/RIGHT STATIC WHITE, WARM DIM & TUNABLE WHITE

FLEX NEON TIE STRAP

Use for mounting to poles for extra support, every 6"-12" (30 per package).



Product		Type
SS	-	ST
SS LED Flex Neon		ST Tie Strap

DIRECT BURIAL LOCATION CABLE ORDER PER FOOT

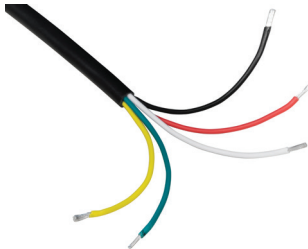
Our Direct Burial, 2 Conductor Plus ground, 12 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in outdoor wet and in ground environments. Keep within 60 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.



Product		Gauge		Cable
DB	-	12G	-	2C
DB Direct Burial		12G 12 Gauge		2C 2 Conductor

WET AND DAMP LOCATION CABLE ORDER PER FOOT

Our Wet Location, 5 Conductor, 14 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in indoor and outdoor wet and damp environments. Cable sold by the foot, simply specify the length needed by the foot. Keep within 50 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.



Product		Gauge		Cable
OC	-	14G	-	5C
OC Outdoor Cable		14G 14 Gauge		5C 5 Conductor



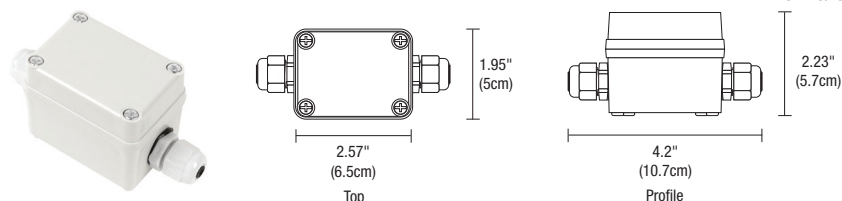
FLEX NEON OUTDOOR ACCESSORIES & J-BOXES

24VDC 2W | 5W | 7W BENDS LEFT/RIGHT STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 09.30.24

WET LOCATION JUNCTION BOX

Wet-rated low voltage Splice Box with connectors.



Product	Type	Option
2RE	JBOX	W
2RE 2" Rectangle	JBOX Junction Box	W Wet Location

RGB OR RGBW WET LOCATION JUNCTION BOX WITH 6" POWER CABLE

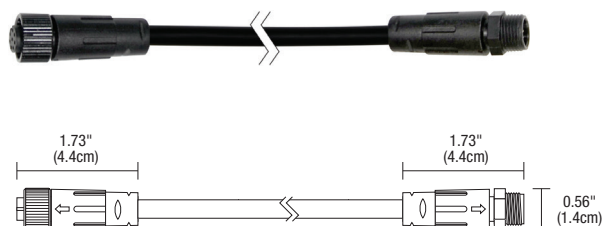
This watertight, multi-fixture Junction Box is especially designed for lighting in wet and damp locations. It is versatile, rugged and simple to install. The Junction Box comes standard with a 6" Flexible Cable providing easy, safe, and reliable connections for 24V low voltage luminaires. This box is approved for indoor and outdoor usage and complies with all the requirements of UL1241 and the National Electric Code.



Product	Canopy	Product	Size	Type	Option
SS	2RE	JBOX	6IN	RGBW	W
SS LED Soft Strip Flex Neon	2RE 2" Rectangle	JBOX Junction Box	6IN 6" Four Wire Connection	RGB RGBW	W Wet Location

POWER CABLE CONNECTOR WET LOCATION

The flexible power cable connector is designed to work in outdoor environments for safe and reliable connections. This Flexible Connector is easy to install and configure, helping you create innovative lighting designs in an outdoor commercial or residential space.



Static White & Warm Dim

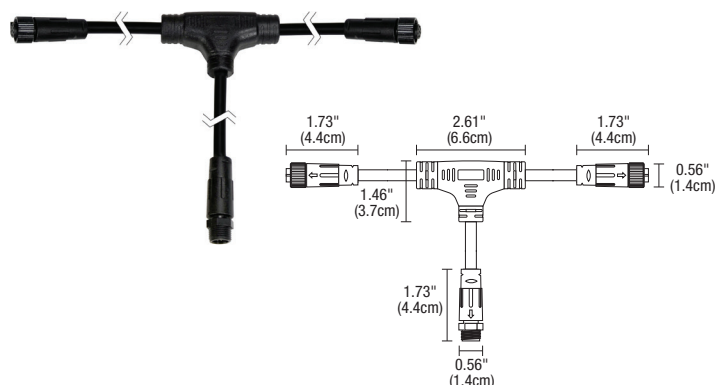
Product	Type	Size	Conductor	Option
SS	CFX	16IN	2C	W
SS Soft Strip and Flex Neon	CFX Flexible 4 Wire Connector	16IN 16" 96IN 96"	2C 2 Conductor	W Wet Location

All Other Color Temperatures

Product	Type	Size	Conductor	Option
SS	CFX	16IN	6C	W
SS Soft Strip and Flex Neon	CFX Flexible 4 Wire Connector	16IN 16" 96IN 96"	6C 6 Conductor	W Wet Location

WET LOCATION T-CONNECTOR

Our Wet Location T-Connector is a robust rugged design especially suited to withstand the challenges of damp and wet environments. This unique T-Connector has one Male and two Female Connectors and is suitable for multiple indoor and outdoor uses. Versatile design is easy to use, making installation quick and efficient.



Static White & Warm Dim

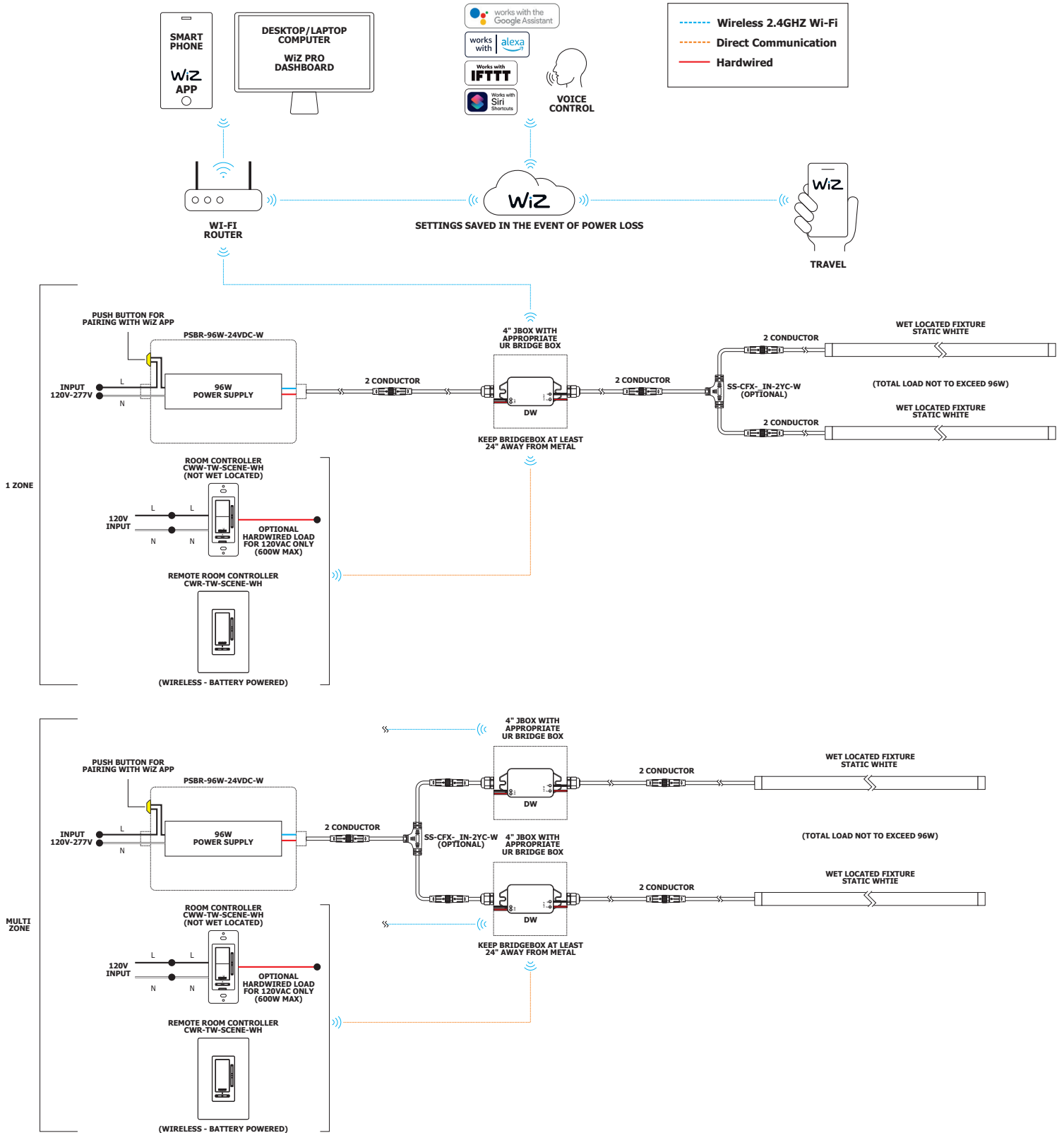
Product	Type	Size	Size	Option
SS	CFX	4IN	2YC	W
SS Soft Strip and Flex Neon	CFX Flexible 4 Wire Connector	4IN 4"	2YC Y-Shape 2 Conductor	W Wet Location

All Other Color Temperatures

Product	Type	Size	Size	Option
SS	CFX	4IN	6YC	W
SS Soft Strip and Flex Neon	CFX Flexible 4 Wire Connector	4IN 4"	6YC Y-Shape 6 Conductor	W Wet Location

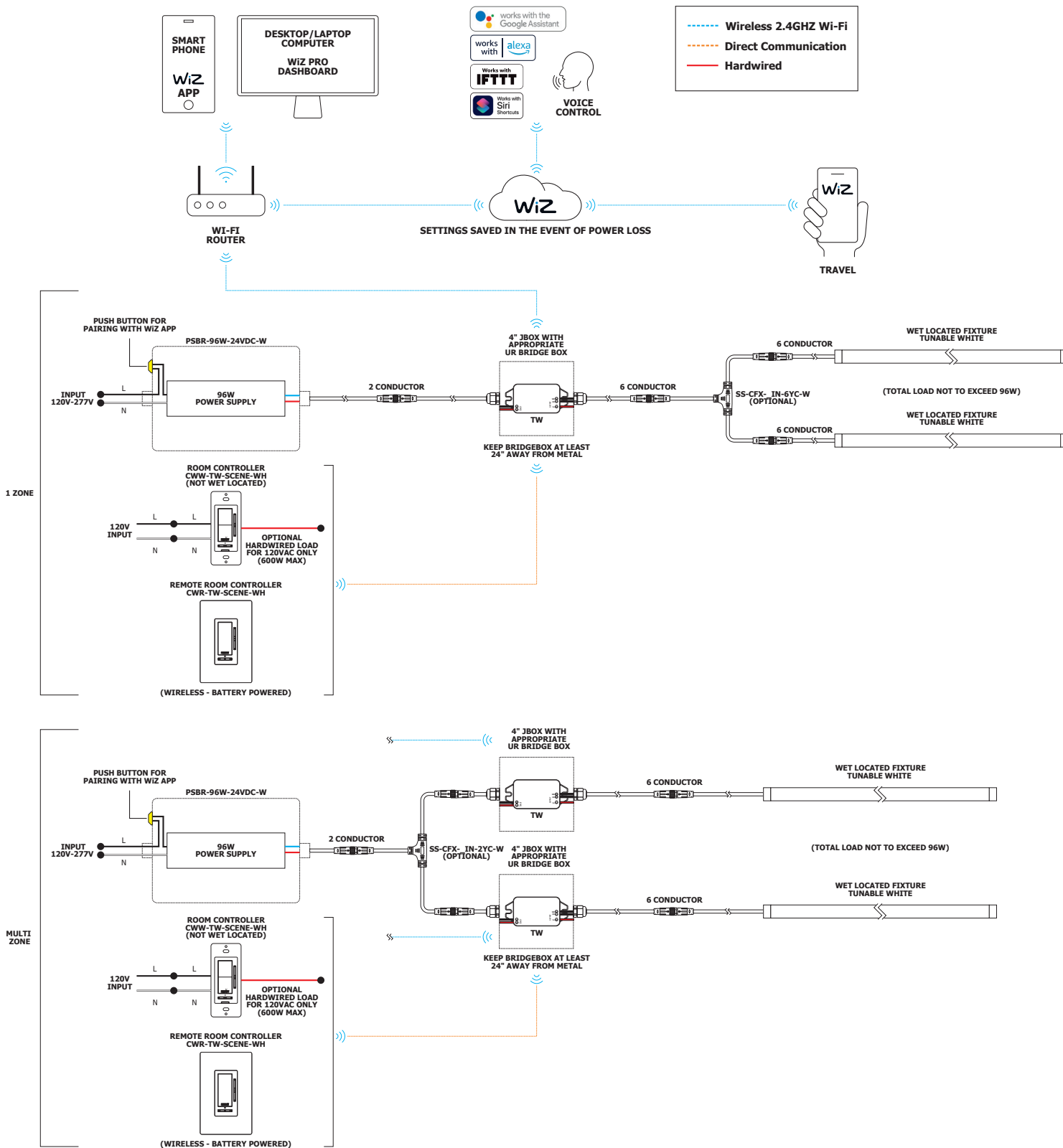
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

WIRING DIAGRAM: Static White & Warm Dim



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

WIRING DIAGRAM: Tunable White



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

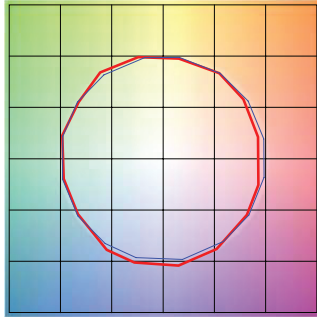
LED STRIP TM30 DATA

24VDC, STATIC WHITE, WARM DIM & DYNAMIC/TUNABLE WHITE

TM-30-15 DATA: The data below is for ST2A, ST5A, ST7A and ST10A bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2200K | Rf: 90.5 | Rg: 99.9

Color Vector Graphic

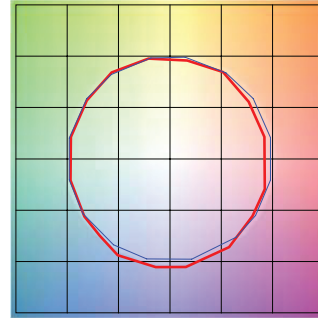


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.3	-5.2%	1.0%
2	90.1	-3.6%	3.7%
3	87.5	-0.5%	5.6%
4	93.9	-1.2%	1.3%
5	94.7	0.7%	2.1%
6	93.7	2.6%	0.7%
7	93.5	-1.5%	-2.2%
8	97.8	-0.4%	-0.2%
9	93.7	-1.5%	2.4%
10	90.8	-0.8%	4.9%
11	89.3	3.7%	5.4%
12	90.2	4.6%	1.0%
13	89.0	4.4%	-9.7%
14	75.4	0.6%	-15.1%
15	90.7	-1.7%	-5.0%
16	84.2	-4.4%	-9.1%

2400K | Rf: 90.2 | Rg: 99.3

Color Vector Graphic

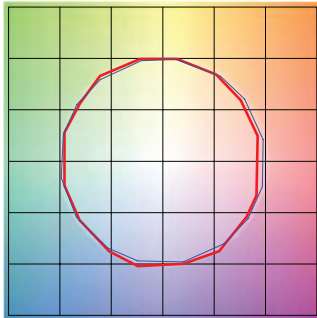


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	89.0	-4.8%	1.1%
2	90.4	-3.7%	3.2%
3	88.1	-0.7%	5.2%
4	93.0	-2.1%	0.9%
5	94.5	-0.1%	2.0%
6	94.7	1.7%	0.6%
7	93.7	-1.9%	-1.5%
8	96.8	-1.2%	0.2%
9	91.9	-1.8%	3.7%
10	88.8	-0.9%	6.1%
11	87.5	3.8%	7.1%
12	89.6	4.3%	0.3%
13	88.1	4.2%	-9.1%
14	82.5	2.8%	-10.6%
15	91.4	-2.1%	-4.2%
16	84.0	-3.6%	-9.9%

2700K | Rf: 89.5 | Rg: 98.3

Color Vector Graphic

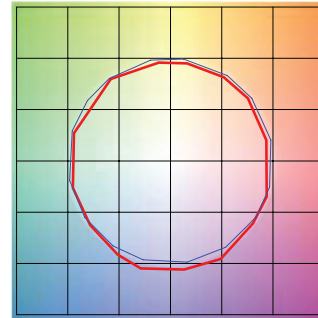


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.6	-5.2%	0.9%
2	90.3	-3.6%	2.9%
3	88.4	-1.5%	5.0%
4	91.9	-2.5%	1.4%
5	93.5	-0.9%	2.3%
6	95.7	0.9%	-0.4%
7	91.1	-3.7%	-0.5%
8	95.8	-2.0%	0.4%
9	90.5	-2.6%	4.5%
10	84.9	-1.1%	8.7%
11	85.0	2.3%	9.8%
12	88.1	5.5%	1.5%
13	90.9	2.9%	-5.2%
14	86.2	4.3%	-8.9%
15	90.7	-2.4%	-3.6%
16	83.0	-2.7%	-11.3%

3000K | Rf: 88.7 | Rg: 98.2

Color Vector Graphic

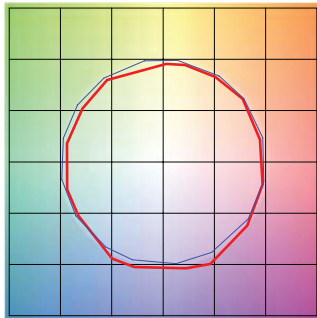


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.3	-5.2%	0.8%
2	90.2	-3.7%	2.7%
3	88.3	-1.6%	4.9%
4	92.2	-2.0%	1.8%
5	91.0	-3.5%	1.8%
6	95.8	0.4%	-0.4%
7	90.2	-4.4%	-0.0%
8	94.8	-2.6%	0.8%
9	89.2	-2.9%	6.0%
10	81.4	-1.5%	9.7%
11	82.9	2.3%	10.5%
12	88.3	6.7%	1.9%
13	91.9	2.8%	-4.0%
14	86.3	4.9%	-8.3%
15	87.1	-1.2%	-6.1%
16	83.2	-1.7%	-11.6%

3500K | Rf: 88.1 | Rg: 97.1

Color Vector Graphic

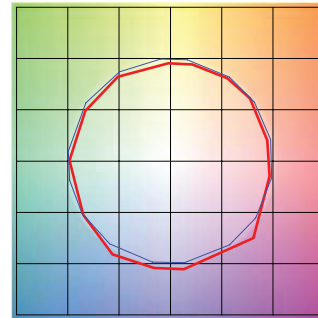


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.8	-5.2%	1.0%
2	90.8	-3.3%	2.3%
3	89.8	-1.6%	3.9%
4	91.0	-2.7%	0.9%
5	90.0	-5.4%	0.7%
6	95.6	-0.9%	-0.4%
7	90.0	-5.3%	1.4%
8	91.8	-3.6%	3.0%
9	87.1	-2.9%	7.3%
10	80.1	-1.3%	12.2%
11	81.8	4.1%	10.5%
12	88.2	5.1%	2.3%
13	92.4	2.1%	-3.8%
14	86.6	5.0%	-7.9%
15	86.2	-0.7%	-6.8%
16	84.5	-2.1%	-7.0%

5700K | Rf: 87.6 | Rg: 98.0

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.9	-3.9%	1.5%
2	92.3	-1.7%	2.7%
3	91.0	-1.2%	2.4%
4	91.5	-1.2%	1.6%
5	86.2	-5.9%	-0.4%
6	93.5	-3.2%	-0.2%
7	93.1	-3.8%	0.6%
8	85.9	-4.6%	5.9%
9	83.6	-4.0%	12.7%
10	75.8	-0.6%	13.6%
11	80.2	4.3%	10.4%
12	83.4	3.4%	1.8%
13	90.8	5.0%	-2.0%
14	91.8	1.3%	-3.3%
15	79.4	8.6%	-12.7%
16	93.4	-2.7%	-0.2%

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--



Day-Brite/CFI VTS Sealed strip is a durable wet location rated product designed for use in both indoor and outdoor environments. This luminaire offers rugged reliability, selectability and the efficiency your successful business requires.



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lumens: _____ Qty: _____

Notes: _____

Ordering guide

Example: Example: VTS42856L8CST-UN3-DIM

Series	Length (nom.)	Lumens (nominal lumens) ¹	CRI / CCT (color temps)	Voltage / Dimming
VTS			—	UN3-DIM
VTS Sealed Strip LED dual select	2 2' length	25L 2500lm	840 80 CRI, 4000K	UN3-DIM Universal voltage 120-347V (0-10V dimmable)
	4 4' length	2028L Field selectable (2000/2400/2800lm) ²	8CST 80 CRI, Field selectable (3500/4000/5000K) ²	
	8 8' length	50L 5000lm	840 80 CRI, 4000K	
		2856L Field selectable (2800/4200/5600lm) ²	8CST 80 CRI, Field selectable (3500/4000/5000K) ²	
		100L 10000lm	840 80 CRI, 4000K	
		80130L Field selectable (8000/11000/13000lm) ²	8CST 80 CRI, Field selectable (3500/4000/5000K) ²	

Features

- Body:** Grey one piece, molded 5VA grade polycarbonate body. No rusting, no oxidation, and no corrosion.
- Lens:** Polycarbonate frosted lens. UL94-V0 rated.
- Construction:** Gasket provides tight seal between plastic lens and housing.
- Power connection:** Metal gland (NPT 1/2).
- Fasteners:** Stainless steel latches are standard.
- Selectable version default setting:** 4000K correlated color temperature (CCT) and max available lumens.
- Brackets:** Wrap around mounting brackets included (set of 2).
- Accessories:** Screws and expansion bolts included (set of 4).
- Mountings:** Hanging V hooks included (set of 2).
- Listings:** cULus listed to meet UL 1598 standards for -30°C to 40°C ambient. Suitable for wet locations.
- Certifications:** DLC 5.1 Standard, NEMA4X
- Ratings:** IP66 rated.
- Warranty:** 5 Year Limited Warranty

Wattage and Lumen Values

Ordering Guide	Color Temp. (K) ³	Average System Wattage ⁴	Lumen Output ^{3,4}	Efficacy (LPW)	CRI
VTS225L840-UN3-DIM	4000	22W	2500lm	115	>80
VTS22028L8CST-UN3-DIM	3500/4000/5000	21W/17W/14W	2000lm/2400lm/2800lm	140	>80
VTS450L840-UN3-DIM	4000	44W	5000lm	115	>80
VTS42856L8CST-UN3-DIM	3500/4000/5000	46W/32W/22W	2800lm/4200lm/5600lm	125	>80
VTS8100L840-UN3-DIM	4000	80W	10000lm	125	>80
VTS880130L8CST-UN3-DIM	3500/4000/5000	94W/78W/57W	8000lm/11000lm/13000lm	138	>80

1. Nominal delivered lumens at 25°C ambient.
2. Selectable default settings. CCT: 4000K Lumens: Max available lumens.
3. On selectable configurations default setting is CCT 4000K and max available lumens
4. Wattage and lumen output may vary by +/-10% due to actual input voltage.
5. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

VTS Sealed Strip

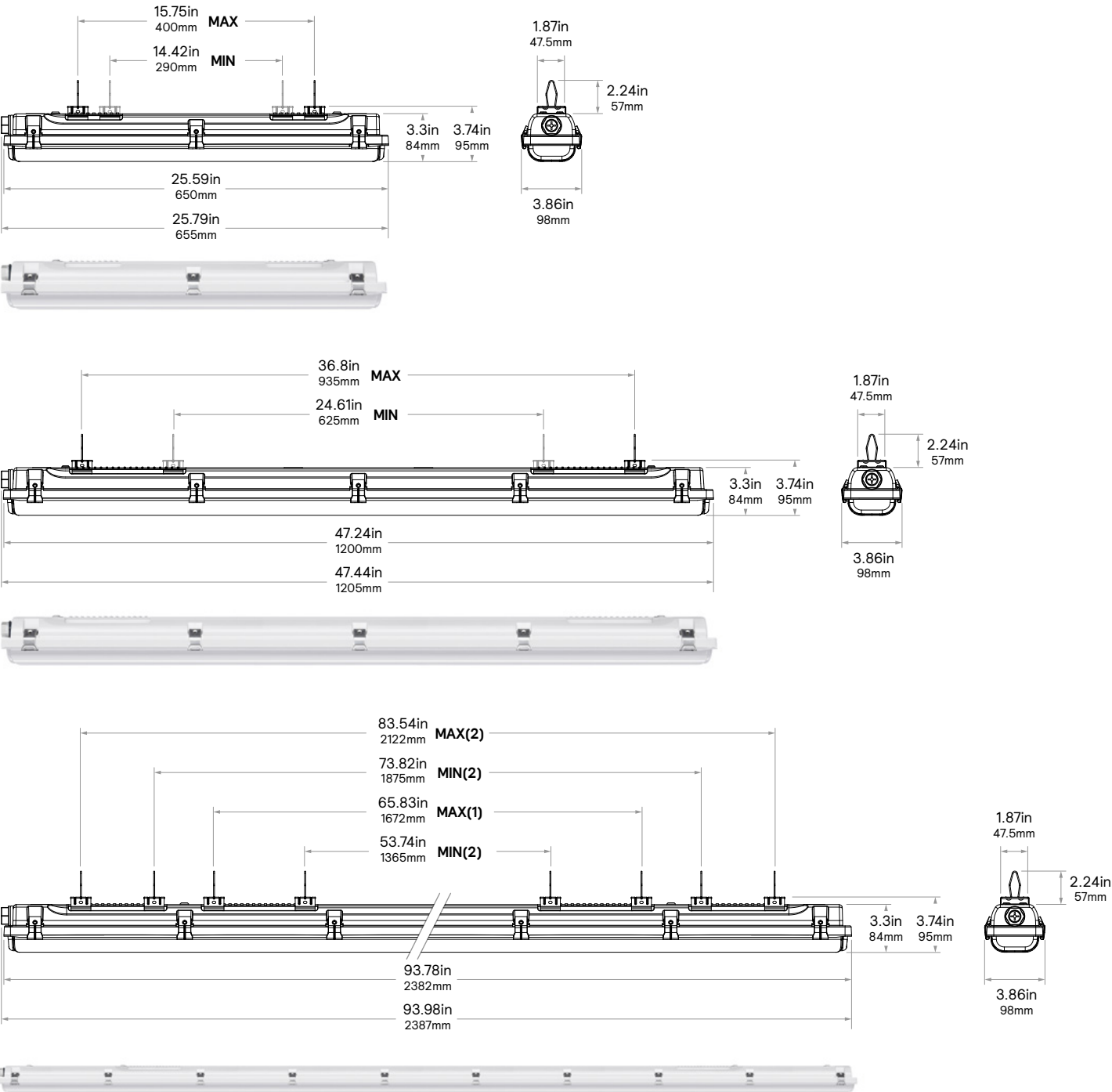
2', 4', & 8' LED dual select

Predicted Lumen Depreciation Data

Ambient Temperature °C	L70 per TM21 ^{1,2}
25°C	50,000hrs

1. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output.
2. Calculated per IESNA TM 21-11. Published L70 hours limited to 6 times actual LED test hours.

Dimensions



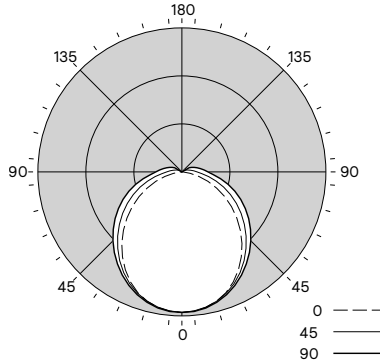
VTS Sealed Strip

2', 4', & 8' LED dual select

Photometry

VTS225L840-UN3-DIM

Luminaire Lumens	2507
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	22
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.28



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	781	781	781	781	781	
5	777	776	775	774	779	74
15	744	743	744	746	750	210
25	675	678	686	691	696	316
35	576	585	602	617	624	378
45	460	475	505	532	542	391
55	337	360	402	439	453	361
65	213	248	298	343	361	296
75	97	142	197	247	265	208
85	11	56	111	158	176	122
90	4	32	84	128	145	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	601	24.0%	24.0%
0-40	979	39.0%	39.0%
0-60	1731	69.1%	69.1%
0-90	2356	94.0%	94.0%

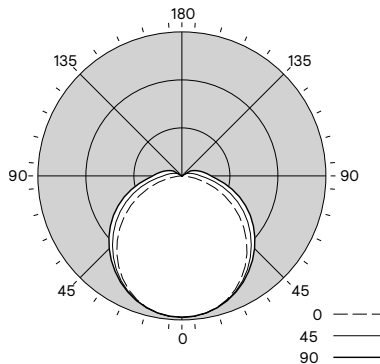
Avg. Luminance (cd/m²)			
	0	45	90
45	10055	9197	9425
55	8911	8300	8808
65	7427	7360	8232
75	5182	6311	7619
85	1286	5251	7081

Coefficients of Utilization % (Based on a floor reflectance of 0.2)														
Pc---		80				70				50				0
Pw---		70	50	30	10	70	50	30	50	30	10	0		
RCR	0	118	118	118	118	114	114	114	108	108	108	94		
	1	106	101	96	91	103	98	93	92	89	85	76		
	2	96	87	80	74	93	85	78	80	74	70	62		
	3	87	76	68	61	84	74	66	70	63	58	52		
	4	80	67	58	51	77	66	57	62	55	49	44		
	5	73	60	51	44	71	59	50	56	48	42	38		
	6	68	54	45	38	65	53	44	50	43	37	33		
	7	63	49	40	34	61	48	39	46	38	33	29		
	8	58	45	36	30	56	44	35	42	34	29	26		
	9	54	41	33	27	53	40	32	38	31	26	23		
10	51	38	30	24	49	37	29	36	29	24	21			

* Based on a floor reflectance of 0.2

VTS450L840-UN3-DIM

Luminaire Lumens	5012
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	44
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.30



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	1473	1473	1473	1473	1473	
5	1470	1470	1469	1468	1467	139
15	1418	1420	1422	1423	1422	399
25	1310	1316	1327	1336	1335	606
35	1150	1165	1190	1211	1214	734
45	952	979	1023	1063	1071	776
55	730	771	838	896	910	730
65	492	554	641	713	732	608
75	251	338	441	521	544	432
85	48	149	258	341	365	256
90	6	88	195	277	304	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	1144	22.8%	22.8%
0-40	1879	37.5%	37.5%
0-60	3384	67.5%	67.5%
0-90	4680	93.4%	93.4%

Avg. Luminance (cd/m²)			
	0	45	90
45	11521	10217	10094
55	10773	9532	9585
65	9677	8771	9055
75	7773	7857	8451
85	3760	6904	7972

Coefficients of Utilization % (Based on a floor reflectance of 0.2)													
Pc---		80				70				50			0
Pw---		70	50	30	10	70	50	30	50	30	10	0	
RCR	0	117	117	117	117	114	114	114	107	107	107	93	
	1	105	100	95	90	102	97	92	91	88	84	74	
	2	95	86	79	72	92	84	77	79	73	68	60	
	3	86	75	66	59	83	73	65	69	62	56	50	
	4	79	66	57	50	76	64	56	61	54	48	42	
	5	72	59	50	43	70	57	49	54	47	41	36	
	6	67	53	44	37	64	52	43	49	41	36	32	
	7	62	48	39	32	60	47	38	45	37	31	28	
	8	57	44	35	29	55	43	34	41	33	28	25	
	9	54	40	32	26	52	39	31	37	30	25	22	
	10	50	37	29	23	49	36	28	35	28	23	20	

* Based on a floor reflectance of 0.2

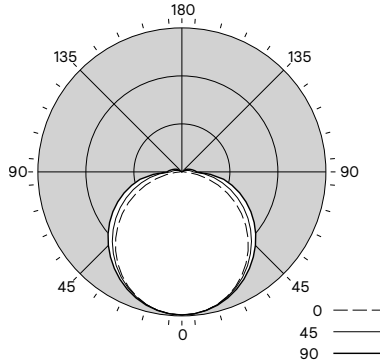
VTS Sealed Strip

2', 4', & 8' LED dual select

Photometry

VTS8100L840-UN3-DIM

Luminaire Lumens	10015
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	80
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.30



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	2982	2982	2982	2982	2982	
5	2970	2968	2967	2966	2968	282
15	2859	2857	2861	2869	2874	809
25	2638	2643	2662	2685	2697	1231
35	2329	2344	2384	2431	2454	1500
45	1949	1979	2051	2132	2167	1594
55	1517	1567	1679	1791	1838	1513
65	1046	1129	1281	1418	1475	1274
75	558	688	873	1022	1082	919
85	138	308	471	565	599	488
90	40	142	238	297	310	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	2323	23.2%	23.2%
0-40	3822	38.2%	38.2%
0-60	6929	69.2%	69.2%
0-90	9610	96.0%	96.0%

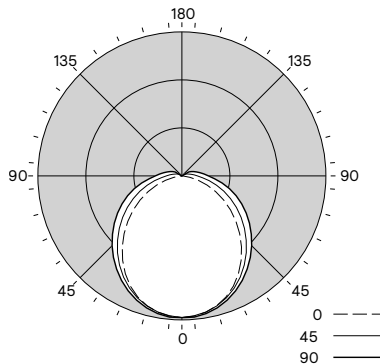
Avg. Luminance (cd/m ²)			
	0	45	90
45	12024	10395	10286
55	11475	9713	9755
65	10643	8937	9190
75	9096	7978	8476
85	6127	6533	6588

Coefficients of Utilization % (Based on a floor reflectance of 0.2)												
Pc---		80				70			50			0
Pw---		70	50	30	10	70	50	30	50	30	10	0
RCR	0	118	118	118	118	115	115	115	109	109	109	96
	1	106	101	96	91	103	98	94	93	89	86	77
	2	96	87	79	73	93	85	78	80	74	70	63
	3	87	76	67	60	84	74	66	70	63	58	52
	4	79	67	57	50	77	65	56	62	55	49	44
	5	73	59	50	43	70	58	49	55	48	42	38
	6	67	53	44	37	65	52	43	50	42	36	33
	7	62	48	39	33	60	47	39	45	38	32	29
	8	58	44	35	29	56	43	35	41	34	29	26
	9	54	40	32	26	52	40	31	38	31	26	23
	10	51	37	29	24	49	36	29	35	28	23	21

* Based on a floor reflectance of 0.2

VTS22028L8CST-UN3-DIM

Luminaire Lumens	2807
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	21
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.28



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	886	886	886	886	886	
5	880	879	878	877	886	84
15	840	841	842	844	854	238
25	760	765	774	782	793	358
35	645	658	680	698	711	426
45	511	533	569	601	617	439
55	371	402	452	496	516	403
65	233	275	335	390	413	330
75	106	159	224	284	308	233
85	12	64	129	184	205	136
90	5	37	97	148	166	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	680	24.2%	24.2%
0-40	1106	39.4%	39.4%
0-60	1948	69.4%	69.4%
0-90	2647	94.3%	94.3%

Avg. Luminance (cd/m ²)			
	0	45	90
45	11180	10368	10731
55	9829	9337	10027
65	8122	8292	9425
75	5651	7181	8847
85	1403	6098	8275

Coefficients of Utilization % (Based on a floor reflectance of 0.2)												
Pc---		80				70			50			0
Pw---		70	50	30	10	70	50	30	50	30	10	0
RCR	0	118	118	118	118	114	114	114	108	108	108	94
	1	106	101	96	91	103	98	93	92	89	85	76
	2	96	87	80	73	93	85	78	80	74	70	62
	3	87	76	67	61	84	74	66	70	63	58	52
	4	80	67	58	51	77	65	57	62	55	49	44
	5	73	60	51	44	71	58	50	56	48	42	38
	6	68	54	45	38	65	53	44	50	43	37	33
	7	63	49	40	34	61	48	39	46	38	33	29
	8	58	45	36	30	56	44	35	42	34	29	26
	9	54	41	33	27	53	40	32	38	31	26	24
	10	51	38	30	24	49	37	29	36	29	24	21

* Based on a floor reflectance of 0.2

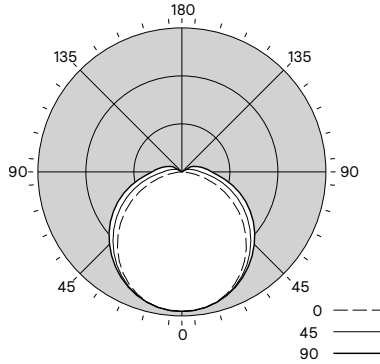
VTS Sealed Strip

2', 4', & 8' LED dual select

Photometry

VTS42856L8CST-UN3-DIM

Luminaire Lumens	5615
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	46
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.30



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	1647	1647	1647	1647	1647	
5	1644	1644	1643	1643	1641	156
15	1588	1591	1593	1596	1594	446
25	1467	1476	1490	1501	1500	677
35	1289	1307	1339	1363	1367	821
45	1068	1099	1151	1199	1209	867
55	819	865	944	1012	1030	816
65	552	620	722	807	833	681
75	283	377	496	592	622	485
85	55	164	291	389	422	288
90	7	96	220	318	352	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	1279	22.8%	22.8%
0-40	2100	37.4%	37.4%
0-60	3783	67.4%	67.4%
0-90	5237	93.3%	93.3%

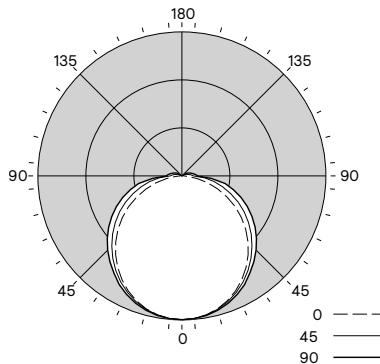
Avg. Luminance (cd/m ²)			
	0	45	90
45	12916	11502	11396
55	12081	10732	10855
65	10862	9878	10298
75	8761	8853	9670
85	4311	7793	9207

Coefficients of Utilization % (Based on a floor reflectance of 0.2)											
Pc---			80			70			50		
Pw---			70	50	30	10	70	50	30	10	0
ROR	0	117	117	117	117	114	114	114	107	107	93
	1	105	100	95	90	102	97	92	91	88	74
	2	95	86	78	72	92	83	77	79	73	60
	3	86	75	66	59	83	73	65	69	62	50
	4	79	66	57	50	76	64	56	61	53	42
	5	72	59	49	42	70	57	49	54	47	36
	6	67	53	44	37	64	51	43	49	41	32
	7	62	48	39	32	60	47	38	44	37	28
	8	57	43	35	29	55	42	34	41	33	25
	9	54	40	31	26	52	39	31	37	30	22
	10	50	37	29	23	49	36	28	34	27	20

* Based on a floor reflectance of 0.2

VTS880130L8CST-UN3-DIM

Luminaire Lumens	11019
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	94
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.30



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	3295	3295	3295	3295	3295	
5	3280	3280	3280	3282	3283	312
15	3154	3157	3166	3180	3187	894
25	2908	2919	2948	2982	2999	1359
35	2564	2571	2642	2687	2717	1650
45	2143	2170	2273	2359	2405	1752
55	1666	1717	1864	1987	2049	1663
65	1139	1235	1425	1578	1653	1399
75	607	752	968	1143	1224	1006
85	149	335	527	636	682	531
90	45	154	267	339	364	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	2565	23.3%	23.3%
0-40	4215	38.3%	38.3%
0-60	7630	69.2%	69.2%
0-90	10566	95.9%	95.9%

Avg. Luminance (cd/m ²)			
	0	45	90
45	13222	11522	11418
55	12606	10777	10873
65	11595	9945	10302
75	9898	8851	9589
85	6604	7308	7499

Coefficients of Utilization % (Based on a floor reflectance of 0.2)											
Pc---			80			70			50		
Pw---			70	50	30	10	70	50	30	10	0
ROR	0	118	118	118	118	115	115	115	109	109	96
	1	106	101	96	91	103	98	93	93	89	77
	2	96	87	79	73	93	84	78	80	74	63
	3	87	76	67	60	84	74	66	70	63	52
	4	79	67	57	50	77	65	56	62	54	44
	5	73	59	50	43	70	58	49	55	48	38
	6	67	53	44	37	65	52	43	50	42	33
	7	62	48	39	33	60	47	39	45	38	29
	8	58	44	35	29	56	43	35	41	34	26
	9	54	40	32	26	52	39	31	38	31	23
	10	51	37	29	24	49	36	29	35	28	21

* Based on a floor reflectance of 0.2



© 2023 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Signify North America Corporation
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone: 800-555-0050

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone: 800-668-9008

All trademarks are owned by Signify Holding or their respective owners.



Gardco OptiForm site and area luminaires are available in three sizes: small, medium and large. Featuring the latest in LED technology, OptiForm achieves up to 192 lumens per watt. Eleven optical distributions are available, suitable for a range of outdoor lighting applications. OptForm features a unique mounting system with a two-piece housing for hassle-free installation. Mounting options include a standard arm, mast arm, and wall mount bracket. Service Tag is a standard feature with every OptiForm luminaire, providing maintenance or upgrade assistance throughout the life of the product.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: OPF-S-A01-840-T4M-AR1-120-BL50-L3-BZ

Luminaire	Configuration (nom. lumens)			Color Temperature		Distribution			Mounting		Voltage		
OPF-S													
OPF-S OptiForm Small Area	Site and Area		Precision Plus ¹⁶ (T2M, T3M, T4M, T5M only)	827 ¹ 80CRI 2700K	AFR	Autofront row	LCL	LEED corner optic left	AR1 ^{12,17}	Arm mount (standard)	120	120V	
				830 80CRI 3000K	T2M	Type 2 medium	LCR	LEED corner optic right			208	208V	
	A01	7,000 lumens	P01	2,500 lumens	840 80CRI 4000K	T3M	Type 3 medium	BLC	Back light control	MAR ³	Mast arm	240	240V
	A02	9,000 lumens	P02	4,000 lumens	727 ¹ 70CRI 2700K	T4M	Type 4 medium	2RL	Type 2 rotated left 90°	WAL	Wall mount	277	277V
	A03	11,000 lumens	P03	6,500 lumens	730 70CRI 3000K	T4W	Type 4 wide	2RR	Type 2 rotated right 270°			277	277V
	A04	15,000 lumens	P04	9,000 lumens	740 70CRI 4000K	T5N	Type 5 narrow	3RL	Type 3 rotated left 90°	MOS ⁴	Mounting ordered separately	347	347V
	A05	17,000 lumens	P05	11,500 lumens	750 70CRI 5000K	T5M	Type 5 medium	3RR	Type 3 rotated right 270°			480	480V
	A06	19,000 lumens	P06	14,000 lumens		T5W	Type 5 wide	4RL ¹	Type 4 rotated left 90°	UNV	120-277V		
	A07	20,000 lumens	P07	16,500 lumens				4RR ¹	Type 4 rotated right 270°	HVU ¹⁶	347-480V		
			P08	19,000 lumens									
		P09	22,000 lumens										

Dimming Controls		Sensing		Options (electrical, mechanical, etc)		Emergency		Finish	
The following options include 0-10V Driver								Standard textured finish	
none	0-10V dimming driver			None	Surge protector 10kV/10kA standard	EM ^{12,14,16}	Emergency Battery Pack (0-40 °C)	BK	Black
DLEA ^{5,10}	Dimming leads externally accessible (controls by others)			SP2	Surge protector 20kV/10kA (option)			WH	White
FAWS ^{5,6,10}	Field adjustable wattage selector			FS1 ¹¹	Single fuse (120, 277, or 347VAC)			BZ	Bronze
				FS2 ¹¹	Double fuse (208, 240, or 480V)			DG	Dark Gray
BL50 ^{5,7,10}	Bi-level with motion sensor	L2	PIR sensor, #2 lens (Required if BL50 is selected)	PCB ^{11,12}	Photocontrol button connected to 0-10V driver		P01-P03 only	MG	Medium Gray
The following options include SR/DALI Driver		WIAP sensor options		TR5	NEMA Twist-lock 5-pin receptacle connected to 0-10V driver				
WIAP ^{5,8,13}	Wireless Interact (includes SR drive and SR receptacle)	LB	Low (7'-15' mounting height) sensor, black color housing, wireless Interact, integral	TR7 ¹³	7-pin twist lock receptacle connected to D4i compliant driver				
SRDR ^{5,8,13}	SR driver connected to Zhaga socket (D4i)	LW	Low (7'-15' mounting height) sensor, white color housing	TLP ^{11,13}	7-pin twist lock receptacle connected to D4i compliant driver w/ 3-pin photocell				
DynaDimmer: Automatic Profile Dimming		HB	High (15'-40' mounting height) sensor, black color housing	EHS	Housing machined to accept external house side shield for field install. Must be combined with OPF-S-EHS-1 accessory.				
CS50 ^{5,13}	Security 50% dimming, 7 hours	HW	High (15'-40' mounting height) sensor, white color housing	BAC ¹⁸	Meets the requirements of the Buy American Act of 1933 (BAA)				
CM50 ^{5,13}	Median 50% dimming, 8 hours								
CS30 ^{5,13}	Security 30% dimming, 7 hours								
CM30 ^{5,13}	Median 30% dimming, 8 hours								

- Extended leadtime applies. Consult factory for details.
- Mounts to a square pole with knockout for 4-5" OD round pole.
- Mounts to a horizontal 2-3/8" OD x 5" Long tenon.
- Must be ordered with mounting accessory. Photocell option (TR7) must be selected with mounting accessory. See Page 2 for options.
- Not available with other dimming control options (mutually exclusive).
- Not available with motion sensor (physical restriction).
- Must be specified with a motion sensor lens (L2).
- Not available with PCB, TR5.
- Must be specified with a motion sensor LW, LB.
- Not available with TR7, TLP.
- Must specify input voltage.
- Not available in HVU [347-480V].

- UNV [120-277V] only available for lumen packages P03-P09. HVU [347-480V] only available for lumen packages P06-P09 & A04-A07.
- Not available for lumen packages P04-P09.
- Not available with Dynadimmer, SRDR, FAWS, FS1, FS2, DLEA, BL50 (physical restriction).
- Precision Plus Optics (P01-P09) available only with T2M, T3M, T4M, and T5M optical distributions and are non-rotatable.
- OPF-RMB accessory recommended for retrofit applications.
- Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.

OPF-S OptiForm small

Site & area luminaire

Shielding Accessory Kits (order separately)

One shield kit per luminaire

- OPF-S-EHS-1*** External house side shield (field installed)
- OPF-S-HIS-1**** Internal house side shields. For Area optic types T2M, T3M, and T5N.
- OPF-S-HIS-T4-1**** Internal house side shield for Area optic types T4M and T4W, qty 1.
- OPF-S-HIS-5M/5W-1**** Internal house side shield for Area optic types T5M and T5W, qty 1

*Must select EHS option on luminaire options section

**Not available for Precision Plus (P01-P09)

Luminaire Accessories (order separately)

Pole Mount Fusing	
FP1	Pole mount single fuse (120V, 277V, or 347V)
FP2	Pole mount double fuse (208V, 240V, or 480V)
FP3	Pole mount double fuse canadian double pull (208V, 240V, or 480V)
Photocell Accessories	
P400S	Shorting cap

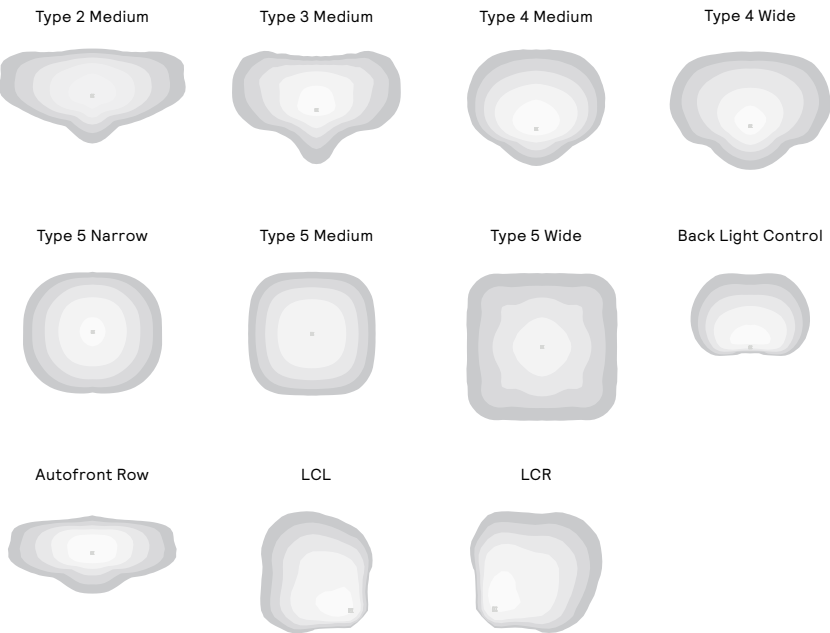
Mountings (boxed and shipped separately)

Must choose Mounting Ordered Separately (MOS) selection for mounting option of luminaire. Useful for attachment of arm to pole prior to luminaire installation.

Standard Arm	
OPF-AR1-(F) ^{2,17}	Standard arm mount
OPF-AR1-TR7-(F) ^{2,13,17}	Mast arm mount with 7-pin (TR7) receptacle
Wall Mount	
OPF-WAL-(F)	Wall mount bracket
OPF-WAL-TR7-(F) ¹³	Wall mount with 7-pin (TR7) receptacle
Mast Arm	
OPF-MAR-(F) ³	Mast arm mount
OPF-MAR-TR7-(F) ^{3,13}	Mast arm mount with 7-pin (TR7) receptacle

Optical Distributions

Site and Area Optics



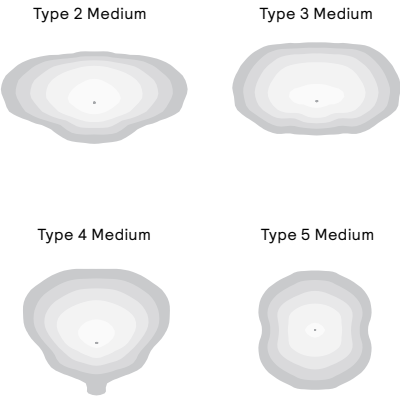
Mounting Accessories

- OPF-RMB** Retrofit Mounting Bolster Plate for attaching OptiForm to existing poles. Recommended for retrofit applications.
- OPF-RPA** Round Pole Adapter. Fits to 3"- 3.9" O.D. pole. Painted black.

Pole Top Fitters

PTF2 - Pole top fitter fits 2 3/8 - 2 1/2" OD x 4" depth tenon	
PTF2-1-90-(F)	1 luminaire at 90°
PTF2-2-90-(F)	2 luminaires at 90°
PTF2-3-90-(F)	3 luminaires at 90°
PTF2-4-90-(F)	4 luminaires at 90°
PTF2-2-180-(F)	2 luminaires at 180°
PTF2-3-120-(F)	3 luminaires at 120°
PTF3 - Pole top fitter fits 3-3 1/2" OD x 6" depth tenon	
PTF3-1-90-(F)	1 luminaire at 90°
PTF3-2-90-(F)	2 luminaires at 90°
PTF3-3-90-(F)	3 luminaires at 90°
PTF3-4-90-(F)	4 luminaires at 90°
PTF3-2-180-(F)	2 luminaires at 180°
PTF3-3-120-(F)	3 luminaires at 120°

Precision Plus Optics



OPF-S OptiForm small

Site & area luminaire

OPF-S Area Optic Lumen values

Performance Package	System Watts	Distribution Type	70 CRI			70 CRI			70 CRI		
			3000K			4000K			5000K		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
A01	42	T2M	6991	B2-U0-G2	167	7391	B2-U0-G2	176	7391	B2-U0-G2	176
		T3M	6935	B2-U0-G2	166	7332	B2-U0-G2	175	7332	B2-U0-G2	175
		T4M	7028	B1-U0-G2	168	7431	B1-U0-G2	177	7431	B1-U0-G2	177
		T5M	7244	B3-U0-G1	173	7659	B3-U0-G1	183	7659	B3-U0-G1	183
		AFR	7241	B2-U0-G2	173	7655	B2-U0-G2	183	7655	B2-U0-G2	183
		T4W	6692	B1-U0-G2	160	7075	B1-U0-G2	169	7075	B1-U0-G2	169
		T5N	7193	B3-U0-G1	172	7605	B3-U0-G1	182	7605	B3-U0-G1	182
		T5W	6926	B3-U0-G2	165	7322	B3-U0-G2	175	7322	B3-U0-G2	175
		LCL	3804	B1-U0-G1	91	4021	B1-U0-G1	96	4021	B1-U0-G1	96
		LCR	3804	B1-U0-G1	91	4021	B1-U0-G1	96	4021	B1-U0-G1	96
		BLC	4874	B0-U0-G1	116	5153	B0-U0-G1	123	5153	B0-U0-G1	123
A02	54	T2M	8941	B2-U0-G2	165	9452	B2-U0-G2	175	9452	B2-U0-G2	175
		T3M	8869	B2-U0-G2	164	9377	B2-U0-G2	173	9377	B2-U0-G2	173
		T4M	8989	B1-U0-G2	166	9503	B1-U0-G2	176	9503	B1-U0-G2	176
		T5M	9265	B3-U0-G2	171	9795	B3-U0-G2	181	9795	B3-U0-G2	181
		AFR	9260	B2-U0-G2	171	9790	B2-U0-G2	181	9790	B2-U0-G2	181
		T4W	8558	B2-U0-G2	158	9048	B2-U0-G2	167	9048	B2-U0-G2	167
		T5N	9200	B3-U0-G1	170	9726	B3-U0-G1	180	9726	B3-U0-G1	180
		T5W	8858	B3-U0-G2	164	9365	B3-U0-G2	173	9365	B3-U0-G2	173
		LCL	4864	B1-U0-G1	90	5143	B1-U0-G1	95	5143	B1-U0-G1	95
		LCR	4864	B1-U0-G1	90	5143	B1-U0-G1	95	5143	B1-U0-G1	95
		BLC	6234	B0-U0-G2	115	6591	B0-U0-G2	122	6591	B0-U0-G2	122
A03	54	T2M	10438	B2-U0-G2	164	11035	B2-U0-G2	174	11035	B3-U0-G3	174
		T3M	10354	B2-U0-G2	163	10947	B2-U0-G2	172	10947	B2-U0-G2	172
		T4M	10494	B2-U0-G2	165	11094	B1-U0-G2	174	11094	B2-U0-G2	174
		T5M	10816	B3-U0-G2	170	11435	B3-U0-G2	180	11435	B3-U0-G2	180
		AFR	10811	B3-U0-G3	170	11429	B2-U0-G2	180	11429	B3-U0-G3	180
		T4W	9991	B2-U0-G3	157	10563	B2-U0-G2	166	10563	B2-U0-G3	166
		T5N	10740	B3-U0-G2	169	11355	B3-U0-G1	179	11355	B3-U0-G2	179
		T5W	10341	B4-U0-G2	163	10933	B3-U0-G2	172	10933	B4-U0-G2	172
		LCL	5679	B1-U0-G1	89	6004	B1-U0-G1	94	6004	B1-U0-G1	94
		LCR	5679	B1-U0-G1	89	6004	B1-U0-G1	94	6004	B1-U0-G1	94
		BLC	7278	B1-U0-G2	114	7694	B0-U0-G2	121	7694	B1-U0-G2	121
A04	91	T2M	14465	B3-U0-G3	160	15293	B3-U0-G3	169	15293	B3-U0-G3	169
		T3M	14350	B3-U0-G3	158	15171	B3-U0-G3	167	15171	B3-U0-G3	167
		T4M	14543	B2-U0-G2	160	15375	B2-U0-G2	170	15375	B2-U0-G2	170
		T5M	14990	B4-U0-G2	165	15848	B4-U0-G2	175	15848	B4-U0-G2	175
		AFR	14982	B3-U0-G3	165	15840	B3-U0-G3	175	15840	B3-U0-G3	175
		T4W	13847	B2-U0-G3	153	14639	B2-U0-G3	161	14639	B2-U0-G3	161
		T5N	14884	B4-U0-G2	164	15736	B4-U0-G2	174	15736	B4-U0-G2	174
		T5W	14331	B4-U0-G3	158	15151	B4-U0-G3	167	15151	B4-U0-G3	167
		LCL	7870	B1-U0-G2	87	8321	B1-U0-G2	92	8321	B1-U0-G2	92
		LCR	7870	B1-U0-G2	87	8321	B1-U0-G2	92	8321	B1-U0-G2	92
		BLC	10086	B1-U0-G2	111	10663	B1-U0-G2	118	10663	B1-U0-G2	118

OPF-S OptiForm small

Site & area luminaire

OPF-S Area Optic Lumen values (cont'd)

Performance Package	System Watts	Distribution Type	70 CRI			70 CRI			70 CRI		
			3000K			4000K			5000K		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
A05	104	T2M	16226	B3-U0-G3	156	17155	B3-U0-G3	164	17155	B3-U0-G3	164
		T3M	16096	B3-U0-G3	154	17018	B3-U0-G3	163	17018	B3-U0-G3	163
		T4M	16313	B2-U0-G3	156	17247	B2-U0-G3	165	17247	B2-U0-G3	165
		T5M	16814	B4-U0-G2	161	17777	B4-U0-G2	170	17777	B4-U0-G2	170
		AFR	16806	B3-U0-G3	161	17768	B3-U0-G3	170	17768	B3-U0-G3	170
		T4W	15532	B3-U0-G3	149	16421	B3-U0-G3	157	16421	B3-U0-G3	157
		T5N	16696	B4-U0-G2	160	17652	B4-U0-G2	169	17652	B4-U0-G2	169
		T5W	16075	B4-U0-G3	154	16995	B4-U0-G3	163	16995	B4-U0-G3	163
		LCL	8828	B1-U0-G2	85	9333	B1-U0-G2	89	9333	B1-U0-G2	89
		LCR	8828	B1-U0-G2	85	9333	B1-U0-G2	89	9333	B1-U0-G2	89
		BLC	11314	B1-U0-G2	108	11961	B1-U0-G2	115	11961	B1-U0-G2	115
A06	122	T2M	18441	B3-U0-G3	151	19496	B3-U0-G3	160	19496	B3-U0-G3	160
		T3M	18294	B3-U0-G3	150	19341	B3-U0-G3	158	19341	B3-U0-G3	158
		T4M	18540	B3-U0-G3	152	19601	B3-U0-G3	160	19601	B3-U0-G3	160
		T5M	19110	B4-U0-G2	156	20203	B4-U0-G2	165	20203	B4-U0-G2	165
		AFR	19100	B3-U0-G3	156	20193	B3-U0-G3	165	20193	B3-U0-G3	165
		T4W	17652	B3-U0-G3	144	18662	B3-U0-G3	153	18662	B3-U0-G3	153
		T5N	18975	B4-U0-G2	155	20061	B4-U0-G2	164	20061	B4-U0-G2	164
		T5W	18270	B5-U0-G3	150	19315	B5-U0-G3	158	19315	B5-U0-G3	158
		LCL	10033	B2-U0-G2	82	10607	B2-U0-G2	87	10607	B2-U0-G2	87
		LCR	10033	B2-U0-G2	82	10607	B2-U0-G2	87	10607	B2-U0-G2	87
		BLC	12858	B1-U0-G2	105	13594	B1-U0-G2	111	13594	B1-U0-G2	111
A07	136	T2M	16776	B3-U0-G3	123	20034	B3-U0-G3	147	21181	B3-U0-G3	156
		T3M	16642	B3-U0-G3	122	19874	B3-U0-G3	146	21012	B3-U0-G3	154
		T4M	16866	B2-U0-G3	124	20142	B3-U0-G3	148	21294	B3-U0-G3	156
		T5M	17384	B4-U0-G2	128	20761	B4-U0-G2	152	21949	B4-U0-G2	161
		AFR	17375	B3-U0-G3	128	20750	B3-U0-G3	152	21938	B3-U0-G3	161
		T4W	16058	B3-U0-G3	118	19178	B3-U0-G3	141	20275	B3-U0-G3	149
		T5N	17262	B4-U0-G2	127	20615	B4-U0-G2	151	21794	B4-U0-G2	160
		T5W	16620	B4-U0-G3	122	19848	B5-U0-G3	146	20984	B5-U0-G3	154
		LCL	9127	B1-U0-G2	67	10900	B2-U0-G2	80	11524	B2-U0-G2	85
		LCR	9127	B1-U0-G2	67	10900	B2-U0-G2	80	11524	B2-U0-G2	85
		BLC	11697	B1-U0-G2	86	13969	B1-U0-G2	103	14768	B1-U0-G2	108

OPF-S OptiForm small

Site & area luminaire

OPF-S Precision Plus Optic Lumen values

Performance Package	System Watts	Distribution Type	70 CRI			70 CRI			70 CRI		
			3000K			4000K			5000K		
			Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P01	15	T2M	2691	B1-U0-G1	182	2845	B1-U0-G1	192	2845	B1-U0-G1	192
		T3M	2718	B1-U0-G1	184	2874	B1-U0-G1	194	2874	B1-U0-G1	194
		T4M	2665	B1-U0-G1	180	2817	B1-U0-G1	190	2817	B1-U0-G1	190
		T5M	2610	B2-U0-G1	176	2759	B2-U0-G1	186	2759	B2-U0-G1	186
P02	23	T2M	4022	B1-U0-G1	178	4252	B1-U0-G1	189	4252	B1-U0-G1	189
		T3M	4062	B1-U0-G1	180	4295	B1-U0-G1	191	4295	B1-U0-G1	191
		T4M	3983	B1-U0-G1	177	4211	B1-U0-G1	187	4211	B1-U0-G1	187
		T5M	3900	B2-U0-G1	173	4124	B2-U0-G1	183	4124	B2-U0-G1	183
P03	38	T2M	6465	B2-U0-G2	169	6835	B2-U0-G2	179	6835	B2-U0-G2	179
		T3M	6530	B2-U0-G2	171	6904	B2-U0-G2	181	6904	B2-U0-G2	181
		T4M	6402	B1-U0-G2	168	6768	B1-U0-G2	177	6768	B1-U0-G2	177
		T5M	6269	B3-U0-G2	164	6629	B3-U0-G2	174	6629	B3-U0-G2	174
P04	53	T2M	8759	B2-U0-G2	165	9261	B2-U0-G2	174	9261	B2-U0-G2	174
		T3M	8848	B2-U0-G2	166	9355	B2-U0-G2	176	9355	B2-U0-G2	176
		T4M	8674	B2-U0-G2	163	9171	B2-U0-G2	172	9171	B2-U0-G2	172
		T5M	8495	B3-U0-G2	160	8982	B3-U0-G2	169	8982	B3-U0-G2	169
P05	66	T2M	11253	B2-U0-G2	172	11898	B2-U0-G2	182	11898	B2-U0-G2	182
		T3M	11366	B3-U0-G3	173	12018	B3-U0-G3	183	12018	B3-U0-G3	183
		T4M	11143	B2-U0-G3	170	11782	B2-U0-G3	180	11782	B2-U0-G3	180
		T5M	10913	B3-U0-G2	167	11539	B3-U0-G2	176	11539	B3-U0-G2	176
P06	76	T2M	13987	B3-U0-G3	183	14788	B3-U0-G3	194	14788	B3-U0-G3	194
		T3M	14128	B3-U0-G3	185	14937	B3-U0-G3	196	14937	B3-U0-G3	196
		T4M	13850	B2-U0-G3	182	14644	B2-U0-G3	192	14644	B2-U0-G3	192
		T5M	13564	B4-U0-G3	178	14342	B4-U0-G3	188	14342	B4-U0-G3	188
P07	94	T2M	15850	B3-U0-G3	168	16758	B3-U0-G3	178	16758	B3-U0-G3	178
		T3M	16010	B3-U0-G3	170	16927	B3-U0-G3	180	16927	B3-U0-G3	180
		T4M	15696	B3-U0-G3	167	16595	B3-U0-G3	176	16595	B3-U0-G3	176
		T5M	15372	B4-U0-G3	163	16253	B4-U0-G3	172	16253	B4-U0-G3	172
P08	113	T2M	19800	B3-U0-G3	176	20934	B3-U0-G3	186	20934	B3-U0-G3	186
		T3M	19999	B3-U0-G3	178	21145	B3-U0-G3	188	21145	B3-U0-G3	188
		T4M	19607	B3-U0-G3	174	20730	B3-U0-G3	184	20730	B3-U0-G3	184
		T5M	19202	B4-U0-G3	171	20302	B4-U0-G3	180	20302	B4-U0-G3	180
P09	133	T2M	21655	B3-U0-G3	163	22896	B3-U0-G3	172	22896	B3-U0-G3	172
		T3M	21874	B3-U0-G3	164	23127	B3-U0-G3	174	23127	B3-U0-G3	174
		T4M	21444	B3-U0-G4	161	22673	B3-U0-G4	171	22673	B3-U0-G4	171
		T5M	21002	B4-U0-G3	158	22205	B4-U0-G3	167	22205	B4-U0-G3	167

OPF-S OptiForm small

Site & area luminaire

LED Wattage and Lumen Values (Emergency Mode)

Ordering Code	CCT	CRI	Avg. System Wattage (W)	Type 2M		Type 3M		Type 4M	
				Lumen Output	BUG Rating	Lumen Output	BUG Rating	Lumen Output	BUG Rating
OPF-S-PXX-740-X-EM	4000	70	6	1000	B0-U0-G0	1014	B0-U0-G1	838	B0-U0-G0
OPF-S-PXX-750-X-EM	5000	70	6	960	B0-U0-G0	973	B0-U0-G1	804	B0-U0-G0
OPF-S-PXX-830-X-EM	3000	80	6	856	B0-U0-G0	868	B0-U0-G1	717	B0-U0-G0
OPF-S-PXX-840-X-EM	4000	80	6	887	B0-U0-G0	899	B0-U0-G1	743	B0-U0-G0

Predicted Lumen Depreciation Data

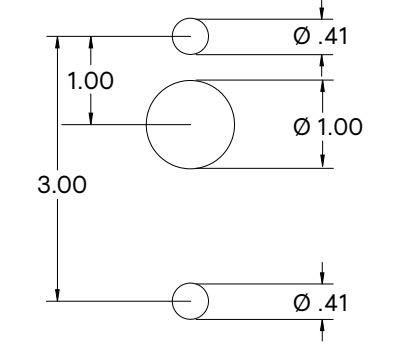
Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours

Ambient Temp°C	Lumen Package	Calculated L70 Hours	L70 per TM-21	Lumen Maintenance % at 60,000 hrs
25°C	A06-A07	>77,000 hours	>77,000 hours	90%
25°C	All others	>100,000 hours	>100,000 hours	96%

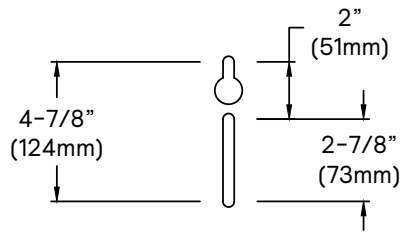
Dimensions

Standard Drill Pattern

Drill Template #5



Standard Arm Mounting Hole Pattern



OPF-S OptiForm small

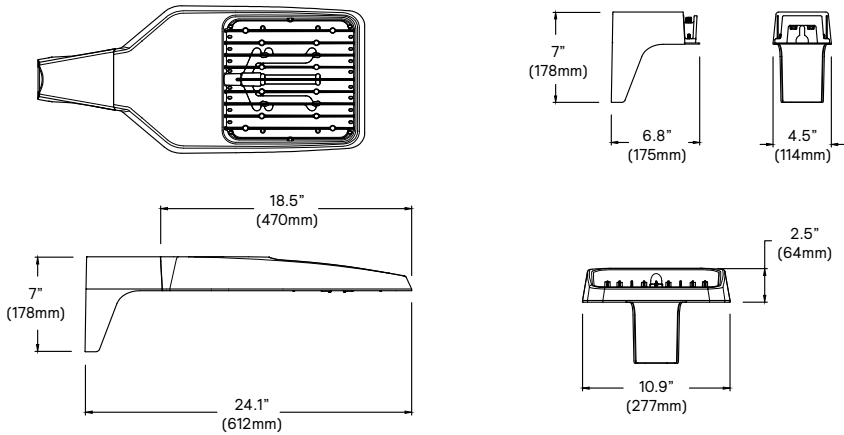
Site & area luminaire

Dimensions

OptiForm Standard Arm

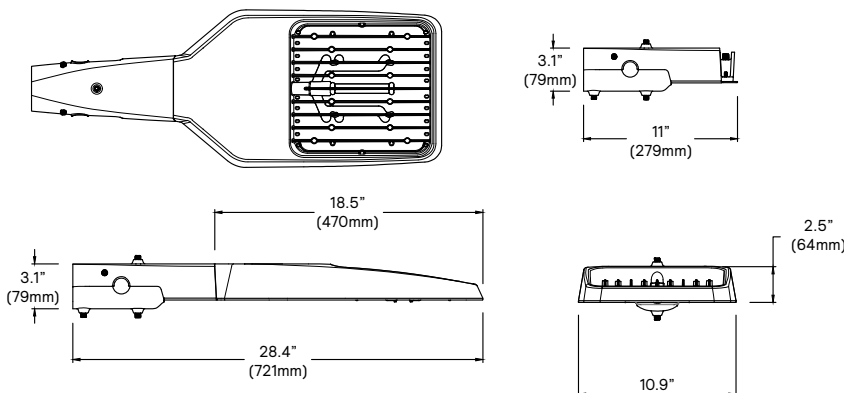
Weight: 11 lb (5.0 kg)

EPA: 0.2 ft² (0.018 m²)



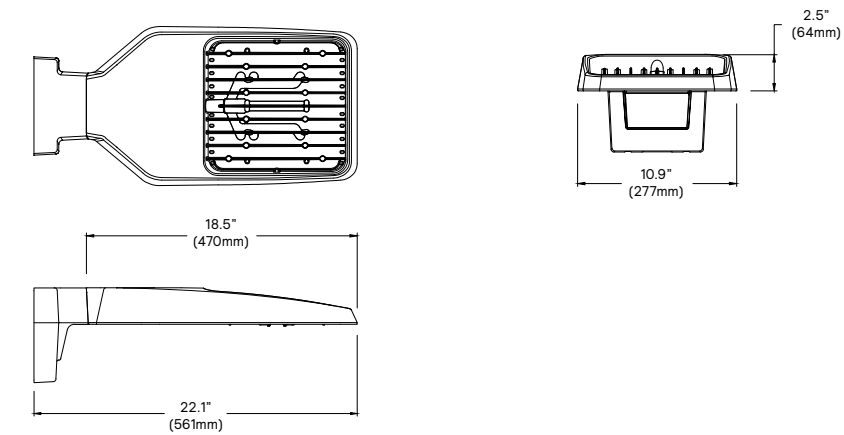
OptiForm Mast Arm

Weight: 12.6 lb (5.7 kg)

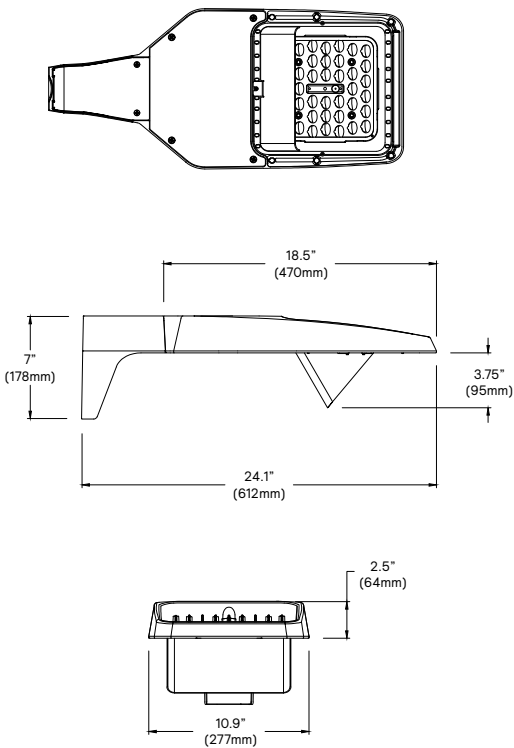


OptiForm Wall Mount

Weight: 11.5 lb (5.2 kg)



OptiForm External Housing Shield



OPF-S OptiForm small

Site & area luminaire

Specifications

Housing

Housing and door constructed of low copper die cast Aluminum alloy (A360) with detachable arms for quick mounting. Heatsink is integral to the housing providing passive cooling of LEDs to maintain long LED life. Luminaire housing rated to IP65, LED Modules rated IP66 tested in accordance to Section 9 of IEC 60598-1. OptiForm carries and impact rating of IK08.

Vibration resistance

OptiForm is tested and rated to standards set forth in ANSI C136.31-2018 Level 2 for Bridge and Overpass applications.

Light engine

Light engine comprises of a module of 40-LED aluminum metal clad board fully sealed with optics: Medium = 2 Modules with 80 LEDs, Large = 4 modules with 160 LEDs. Module is RoHS compliant. Color temperature as per ANSI/NEMA bin 2700 Kelvin nominal (2725 ±145K), 3000 Kelvin nominal (3045K +/- 175K) or 4000 Kelvin nominal (3985K +/- 275K), CRI 70 Min. 75 Typical. Other CCT/CRI also available, consult factory. LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.

Energy saving benefits

System efficacy up to 182 lms/W with significant energy savings over Pulse Start Metal Halide luminaires. Optional control options provide added energy savings during unoccupied periods.

Optical systems

Site and Area optical distributions include Types 2 Medium, 3 Medium, 4 Medium, 4 Wide, 5 Narrow, 5 Medium, 5 Wide, and Auto Front Row. LEED Corner Left, LEED Corner Right, and Backlight Control distributions also available to provide excellent cutoff to meet the most stringent requirements at property lines. Optional internal shields mount to LED optics and are available with Type 2M, 3M, and 4M distributions. Types 2M and 3M can be rotated at 90° or 270° when specified, and are factory set only. Site and Area optics shall be performance tested per LM-79 and TM-15 (IESNA) certifying their photometric performance. Luminaire designed with 0% uplight (U0 per IESNA TM-15).

Precision Plus optical distributions include Types 2, 3, 4 and 5 and are designed to illuminate pedestrian scale applications by providing lower glare, while still achieving desired distribution, optimized spacing, and excellent uniformity. Optics are made of optical grade polymer refractor lenses and shall be performance tested per LM-63, LM-79 and TM-15 (IESNA) certifying their photometric performance. Luminaire designed with 0% uplight (U0 per IESNA TM-15).

Mounting

Standard luminaire arm mounts to square poles with knock-out on the arm to allow for mounting to 4" O.D. round poles. Standard arm casting can accommodate existing bolt spacing from 2" to 4-7/8". It is recommended to use the bolster plate kit OPF RMB when it's not a new installation or if the mounting holes are larger than 0.41" (10mm).

OptiForm features a Mast Arm for Mounting to 2-3/8x4" tenon as well as wall mount casting for exterior building mount applications.

Control options

Dimming Leads Externally Accessible (DLEA): Access to 0-10V dimming leads supplied through back of luminaire (for secondary dimming controls by others). Cannot be used with other control options.

Sensor Ready Zhaga Socket Connector (SRDR): Product is D4i Certified and equipped with Sensor Ready drivers connected to 4-pin Zhaga Book 18 compliant receptacle designed for sensor and other control system applications. Receptacle is rated IP66 assembly in a compact design that provides a sealed electrical interface and rated UV resistance, mounted on underside of the luminaire, protective dust cap included. When a controller not provided by Signify is used with Sensor Ready Zhaga socket connector, the controller must be certified to work with the Xitanium NEMA LED drivers as part of the SR certified program. SRDR can be used with NEMA 7-pin twist lock receptacle, which is mounted on top of the luminaire.

Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profiles provide flexibility towards energy savings goals while optimizing light levels during specific dark hours. Dimming profiles include two dimming settings including dim to 30% or 50% of the total lumen output. When used in combination with not programmed motion response it overrides the controller's schedule when motion is detected. After 5 minutes with no motion, it will return to the automatic dimming profile schedule. Automatic dimming profile scheduled with the following settings:

- **CS50/CS30:** Security for 7 hours night duration (Ex., 11 PM – 6 AM)
- **CM50/CM30:** Median for 8 hours night duration (Ex., 10 PM – 6 AM)

All above profiles are calculated from mid point of the night. Dimming is set for 6 hours after the mid point and 1 or 2 hours before depending of the duration of dimming. Cannot be used with other dimming control options

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to reduce total luminaire lumen output and light levels. Comes pre-set to the highest position lumen output selected. Use chart below to estimate reduction in lumen output desired. Cannot be used with other control options or motion response.

FAWS Position	Percent of Typical Lumen Output	FAWS Position	Percent of Typical Lumen Output
1	25%	6	80%
2	50%	7	85%
3	55%	8	90%
4	65%	9	95%
5	75%	10	100%

Note: Typical value accuracy +/- 5%

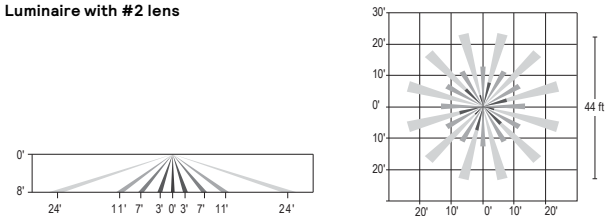
Motion response options

Bi-Level Infrared Motion Response (BL50): Motion Response module is mounted integral to luminaire factory pre-programmed to 50% dimming when not ordered with other control options. BL-IMRI is set/operates in the following fashion: The motion sensor is set to a constant 50%. When motion is detected by the PIR sensor, the luminaire returns to full power/light output. Dimming on low is factory set to 50% with 5 minutes default in "full power" prior to dimming back to low. When no motion is detected for 5 minutes, the motion response system reduces the wattage by 50%, to 50% of the normal constant wattage reducing the light level. Other dimming settings can be provided if different dimming levels are required (contact Technical Support for details).

Infrared Motion Response with Other Controls: When used in combination with other controls (Automatic Dimming Profile), motion response device will simply override controller's schedule with the added benefits of a combined dimming profile and sensor detection. In this configuration, the motion response device cannot be re-programmed with FSIR-100 Wireless Remote Programming Tool. The profile can only be re-programmed via the controller.

Infrared Motion Response Lenses (L2): Infrared Motion Response Integral module is available with two different sensor lens types to accommodate various mounting heights and occupancy detection ranges. Lens #2 is designed for mounting heights 8' to 15'. Lens #3 is designed for higher mounting heights up to 20' with a 40' diameter coverage area. See charts for approximate detection patterns:

Luminaire with #2 lens



OPF-S OptiForm small

Site & area luminaire

Specifications (cont'd)

Electrical

Twist-Lock Receptacle (TR5/TR7): Twist Lock Receptacle with 5 pins enabling dimming or with 7 pins with additional functionality (by others) can be used with a twistlock photoelectric cell or a shorting cap. Dimming Receptacle Type B (5-pin) and Type D-24 (7-pin) in accordance to ANSI C136.41. Can be used with third-party control system. Receptacle located on top of luminaire housing. When specifying receptacle with twistlock photoelectric cell, voltage must be specified. When ordering 7-pin Twist-lock receptacle (TR7), all 7 pins are wired to respective pins with the Sensor Ready (SR) driver, and photocell or shorting cap is not included. When ordering a twist-lock receptacle with a photocell (TLP), the receptacle used is a 7-pin receptacle, with pins 6 and 7 connected to SR DALI driver. 0-10V dimming leads (pins 4 and 5) are connected if not ordered with any other dimming option.

Driver: Driver efficiency (>90% standard). 120-480V available (restrictions apply). Open/short circuit protection. All drivers are 0-10V dimming to 10% power standard, except when using Sensor Ready (SR) drivers, which uses DALI protocol (options CS50/CM50/CS30/CM30, SRDR, and TR7). Drivers are RoHS and FCC Title 47 CFR Part 15 compliant.

Button Photocontrol (PCB): Button style design for internal luminaires mounting applications. The photocontrol is constructed of a high impact UV stabilized polycarbonate housing. Rated voltage of 120V or 208-277V with a load rating of 1000 VA. The photocell will turn on with 1-4Fc of ambient light.

Surge protection (SP1/SP2): Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA. 20kV / 10kA surge protection device that provides extra protection beyond the SP1 10kV/10kA level.

Listings

UL/cUL wet location listed to the UL 1598 standard, suitable for use in ambient temperatures from -40° to 40°C (-40° to 104°F). All Optiform configurations are qualified under Design Lights Consortium Premium classification. Consult DLC Qualified Products list to confirm your specific luminaire selection is approved. CCTs 3000K and warmer are Dark Sky Approved.

Finish

Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BZ), black (BK), white (WH), dark gray (DGY), and medium gray (MGY). Consult Factory for specs on optional, custom colors, and marine grade paint.

Service Tag

Each individual luminaire is uniquely identifiable, thanks to the Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making installation and maintenance operations faster and easier, no matter what stage of the luminaire's lifetime. Just download the APP and register your product right away. For more details visit: signify.com

Warranty

OptiForm luminaires feature a 5-year limited warranty
See signify.com/warranties for complete details and exclusions.

CASPIAN
EW6818

WALL

PROJECT



EW6818-GY
Gray

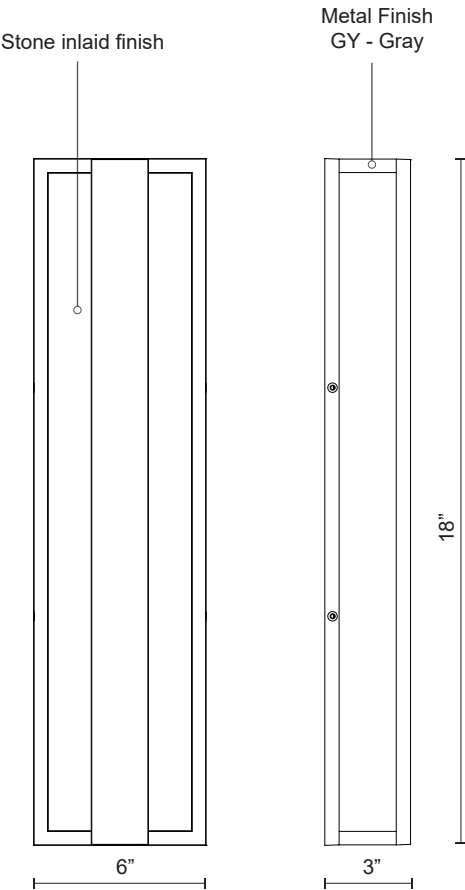
SPECIFICATION DETAILS

Fixture Dimensions	W6" x H18" x E3"
Light Source	AC LED Module
Wattage	16W
Total Lumens	1200lm
Delivered Lumens	GY-296lm
Voltage	120V
Color Temperature	3000K
CRI (Ra)	90CRI
Optional Color Temps	2700K - 5000K Available, Minimum Order Quantities Apply
LED Rated Life	50,000 hours
Dimming	100% - 10%, ELV Dimmer (Not Included)
Diffuser Details	Frosted PC Diffuser
ADA Compliant	Yes
Location	Wet
Illumination Direction	Backlit
Mounting Style	All Orientation; Wall;
Paint Finish	GY01

* For custom options, consult factory for details.
* For warranty information, please visit www.kuzcolighting.com/warranty

DESCRIPTION

Stone elements and metal join together, resulting in masculine elegance. This exterior wall light consists of a 18 inch long metal rectangle with a stone inlay that is flush against the mounting plane, then another slim metal rectangle is suspended just atop of it. LED glow flows from the concealed inner surface. Consider pairing with the larger of Caspian family – the EW6824. Caspian is suitable for exterior use. Available in gray metal finishes.



COMMENT

KUZCO

CANADA: 19054 28TH AVENUE - SURREY, BC V3Z 6M3
USA: 3035 E. LONE MOUNTAIN ROAD - LAS VEGAS, NV 89081

WWW.KUZCOLIGHTING.COM

© 2017 KUZCO LIGHTING. ALL RIGHTS RESERVED.





Adjustable Slim Wall Pack features a discreet design that will complement any building exterior. Two sizes are available, with three wattage and three CCT selectable options each.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: ASW25-SCT-G1-8-PCB-BW

Family	CCT	Generation	Input Voltage	Controls	Finish
	SCT	G1	8	PCB	BW
ASW25 Adjustable Slim Wall Pack - Selectable wattage 15W/20W/25W	SCT Field Selectable - 3CCT 3000K, 4000K & 5000K	G1 Generation 1	8 UNV	PCB Photocontrol	BW Brown Grey
ASW75 Adjustable Slim Wall Pack - Selectable wattage 45W/60W/75W					

Specifications

Housing

Die-cast aluminum housing with UV stabilized polycarbonate lens mounted with stainless steel hardware.

IP Rating

LED light engine is weather proof rated IP65.

Electrical

Electrical Driver efficiency (>90% at full load). Available in 120-277V. IP65 compliant driver. RoHS compliant. Standard surge protection 4kV.

Optical System and Controls

Three color temperature options 3000K, 4000K (Default), 5000K. 70 CRI. Photo control button (PCB) included as standard.

Mounting

Offers a 0 to 90° tilt option. Mounts to standard 3 1/2" to 4" square and octagonal or 4 inch round electrical junction boxes, using a simple flip cover design for easy access.

Light Engine

System efficacy up to 120lm/W

Lumen output options:

15W: 1800lm, **20W:** 2400lm, **25W:** 3000lm
45W: 5400lm, **60W:** 7200lm, **75W:** 9000lm

Listings

cETL listed. Suitable for Wet Locations. Suitable for use in ambient from -40°C to 40°C (-40°F to 104°F). All versions are DLC 5.1 Premium qualified.

Finish

Powder coat finish, standard color is Brown Grey (BW).

Limited Warranty

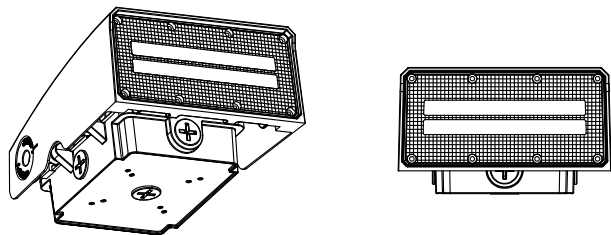
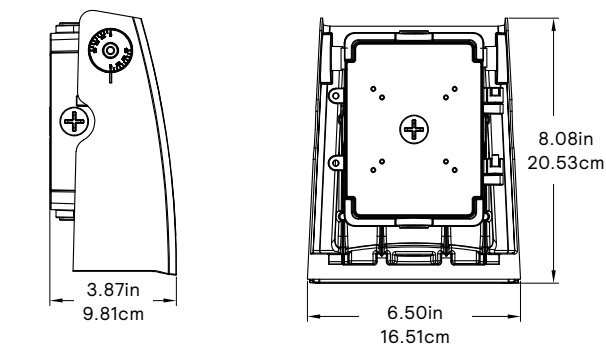
Luminaires are all covered by a 5-year limited warranty. See signify.com/warranties for details.

ASW Adjustable Slim Wall Pack

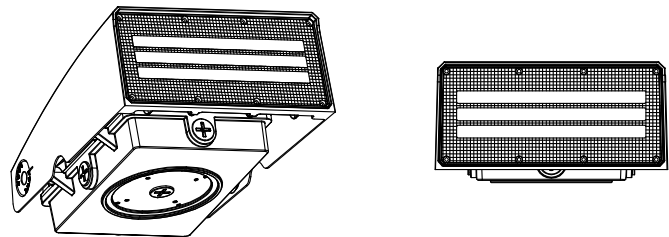
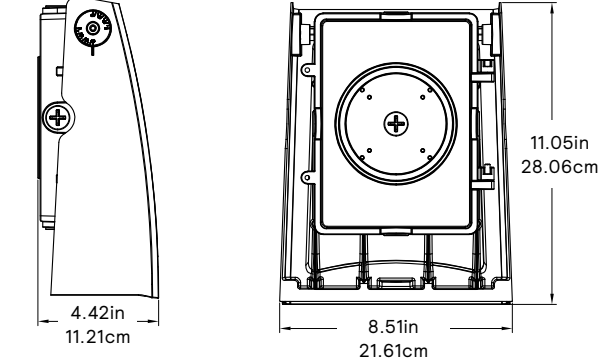
25W and 75W

Dimensions

ASW25



ASW75



LED Wattage and Lumen Values

Ordering Codes	Total LEDs	System Current (mA)	Color Temp. (K)	Average System Wattage ¹	Lumen Output ^{1,2}	Efficacy (LPW)	Weight (kg)
ASW25-SCT-G1-8-PCB-BW	52	250	3000/4000/5000	15W/20W/25W	1800/2400/3000	120	1.32
ASW75-SCT-G1-8-PCB-BW	100	750	3000/4000/5000	45W/60W/75W	5400/7200/9000	120	2.4

- Wattage and lumen output may vary by due to LED manufacturer forward volt specification and ambient temperature. Wattage shown is average for 120V through 277V input. Measured wattage may vary due to variation in input voltage.
- Lumen values based on photometric tests performed in compliance with IESNA LM-79.

Predicted Lumen Depreciation Data

Ordering Codes	Ambient Temperature °C	L ₇₀ Per TM-21 ^{1,2}	Lumen Maintenance % @ 60,000hrs
ASW25-SCT-G1-8-PCB-BW	-40°C to 40°C	L ₇₀ > 50,000hrs @25C	86%
ASW75-SCT-G1-8-PCB-BW	-40°C to 40°C	L ₇₀ > 50,000hrs @25C	86%

- Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
- L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output.



© 2022 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Signify North America Corporation
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone: 855-486-2216

All trademarks are owned by Signify Holding or their respective owners.

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone: 800-668-9008



Stonco LytePro LED large wall sconce LPW32 features outstanding value in a compact, architectural design. This powerful and precise combination offers outstanding energy savings with excellent photometric performance. LPW32 is ideal for building perimeters and corridors in addition to wall lighting applications requiring strong lateral spacing and forward pattern projection.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

Example: LPW32-70-NW-G3-3-120-PCB-BZ

Prefix		Wattage	LED Color/Gen	Distribution	Emergency	Voltage		
LPW32								
LPW32	LytePro 32 LED Large Wall Sconce	70 70W	NW-G3 Neutral White 4000K 70 CRI Generation 3	2 Type 2	-- None	120	120V	
		90 90W		3 Type 3	EBP Emergency Battery Pack ^{1,2,3}	208	208V	
		50 50W ¹		4 Type 4		240	240V	
						277	277V	
				347		347V		
				480		480V		
				UNV	120-277V (50/60Hz)			
					HVU	347-480V (50/60Hz)		
Options								
Dimming controls		Motion sensing		Photocontrol		Location		Finish
FAWS	Field Adjustable Wattage Selector ⁴	IMRI3 Motion sensor #3 Lens ^{2,5}	PCB Photocontrol Button ^{2,6}	BAC ⁸	Meets the requirements of the Buy American Act of 1933 (BAA)	Textured		
BL	Bi-level functionality ^{2,4}					BK	Black	
						WH	White	
						BZ	Bronze	
						DGY	Dark Gray	
						MGY	Medium Gray	
						Customer specified		
	RAL	Specify optional color or RAL (ex: OC-LGP or OC-RAL7024)						
	CC	Custom color (Must supply color chip for required factory quote)						

Stocked luminaires – Ordering guide

Catalog Number	Description	Master Pack, Qty	UPC Code
LPW32-G3-8-DGY	LPW32, 70W, 650mA, 4000K, Type 3, 120-277V, Dark gray textured paint	3	622252813889
LPW32-G3-8-BZ	LPW32, 70W, 650mA, 4000K, Type 3, 120-277V, Bronze textured paint	3	622252813896

Stocked accessories – Ordering guide (Must be ordered separately)⁹

Catalog Number	Description	Master Pack, Qty	UPC Code
LPWCVRPLT-BZ ⁷	LPW Universal wall cover mounting plate, Bronze textured paint	(none)	190096144860

¹ Emergency battery backup (EBP) available with 50W configuration only

² Not available in 347 or 480V

³ Not available with BL, FAWS or PCB

⁴ Not available with other control options.

⁵ Available only with BL dimming option

⁶ Must specify voltage

⁷ Other colors available upon request as made-to-order

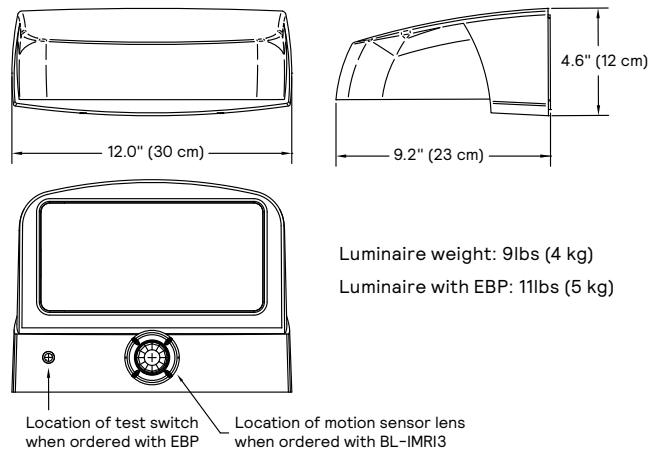
⁸ Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.

⁹ Consult Signify to confirm whether specific accessories are BAA-compliant.

LPW32 LytePro

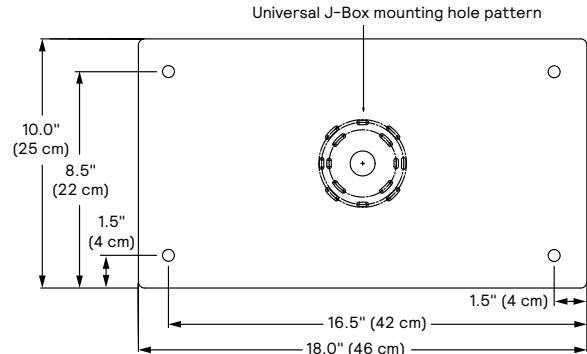
LED large wall sconce

Dimensions



Accessory dimensions (ordered separately)

LPWCVRPLT-BZ LPW Universal wall cover mounting plate, 0.08" aluminum, bronze textured paint (used to cover larger pre-existing opening or surfaces, field installed). Offers same J-Box pattern as luminaire or may be lagged to wall using (4) knockouts.



LED Wattage and Lumen Values

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 2			Type 3			Type 4		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
LPW-32-50-NW-G3	32	400	4000	45	6026	B2-U0-G1	133	5899	B1-U0-G1	130	5,710	B1-U0-G2	126
LPW-32-70-NW-G3	32	650	4000	65	8,425	B2-U0-G1	130	8,248	B1-U0-G2	128	8,139	B1-U0-G2	126
LPW-32-90-NW-G3	32	900	4000	90	10,992	B2-U0-G2	122	10,761	B2-U0-G2	120	10,618	B2-U0-G2	118
LPW-32-50-WW-G3	32	400	3000	45	5455	B1-U0-G1	120	5340	B1-U0-G1	118	5,169	B1-U0-G1	114
LPW-32-70-WW-G3	32	650	3000	65	7,626	B1-U0-G1	118	7,466	B1-U0-G2	116	7,367	B1-U0-G2	114
LPW-32-90-WW-G3	32	900	3000	89	9,951	B2-U0-G2	112	9,742	B2-U0-G2	109	9,613	B2-U0-G2	108

LED Wattage and Lumen Values - Emergency mode

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts		Type 2		Type 3		Type 4	
				Normal Mode	Emergency Mode	Normal Mode	Emergency Mode	Normal Mode	Emergency Mode	Normal Mode	Emergency Mode
LPW-32-50-NW-G3-EBP	32	400	4000	45	10	6026	1871	5899	1832	5710	1774
LPW-32-50-WW-G3-EBP	32	400	3000	45	10	5455	1695	5340	1659	5169	1606

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown.

Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

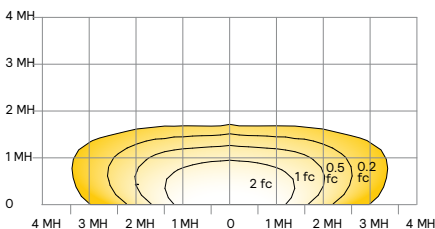
Predicted lumen depreciation data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L₇₀ hours limited to 6 times actual LED test hours

Ambient Temperature °C	Calculated L ₇₀ Hours	L ₇₀ per TM-21	Lumen Maintenance % at 60,000 hrs
up to 40°C	>200,000 hours	>54,000 hours	>95%

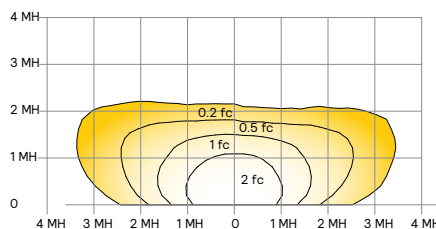
Optical distributions

Based on LPW32-70-NW-G3 at 20' mounting height



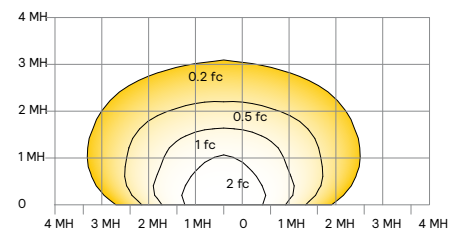
Type 2

LPW32 20' mounting height			
Mounting height	18 ft	20 ft	23 ft
Multiplier	1.05	1.00	0.93



Type 3

LPW32 20' mounting height			
Mounting height	18 ft	20 ft	23 ft
Multiplier	1.14	1.00	0.79



Type 4

LPW32 20' mounting height			
Mounting height	18 ft	20 ft	23 ft
Multiplier	1.16	1.00	0.76

LPW32 LytePro

LED large wall sconce

General Description

LytePro LED large wall sconce LPW32 combines excellent performance, design and value to meet the needs of the energy and budget conscious. The LPW32 is available for use in downward facing, surface wall mount applications, over recessed j-boxes or where power can be directly fed through back surface, whereby connections splices can be made inside the luminaire housing. Two SKU's are available as in-stock configurations (2-day quick ship).

Housing

Die-cast housing houses both the LED and driver assemblies. Design incorporates an integrated heat sink to maximize thermal performance and reliability. Backplate is corrosion free, composite polycarbonate, with built-in level bubble, offers integral interlocking hook and mount design for easy installation.

Mounting

Easy interlocking hook and mount housing/backplate design for easy installation. Mounts over 3.5", 4" octagonal j-boxes and single gang switch boxes or can be directly lagged to surface. Ensure proper steps for gasket/sealing luminaire to surface.

IP Rating

Optical compartment is IP65 rated sealed with tempered glass, gasket and frame.

LED Board and Array

Provides up to 114 lm/W in LPW32 at the system level. Standard color temp is 4000K or 3000K +/- 250K, minimum 70 CRI.

Electrical

Driver efficiency (>90% standard). 120-277V and 347-480V available. All drivers are dimmable.. Temp range: -40°C (-40°F) to 40°C (104°F). Open/short circuit protection. Inherent surge protection up to (6KVA). RoHS compliant.

Surge protection (SP1): Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA.

Listings

Product is cETLus listed suitable for Wet Locations. Suitable for use in ambients from -40°C to 40°C (-40°F to 104°F). DesignLights Consortium® qualified.

Finish

Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish.

Emergency Option

Emergency Battery Backup (EBP): Emergency battery packs included integral to the luminaire, allowing for a consistent look between emergency and non-emergency luminaires. A separate surface mount accessory box is not required. EBP is suitable for use in ambient temperature conditions from 0°C (32°F) to 40°C (104°F) available on 50W configuration only. System is designed to have a secondary driver with relay to immediately detect AC power loss to power luminaire for a minimum of 90 minutes from the time power is lost. Available with 120-277V, or 'UNV' only.

Dimming Control Options

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to reduce total luminaire lumen output and light levels. Comes pre-set to the highest position at the lumen output selected. Use chart below to estimate reduction in lumen output desired. Cannot be used with other control options or motion response.

FAWS Position	Percent of Typical Lumen Output
1	25%
2	50%
3	55%
4	65%
5	75%
6	80%
7	85%
8	90%
9	95%
10	100%

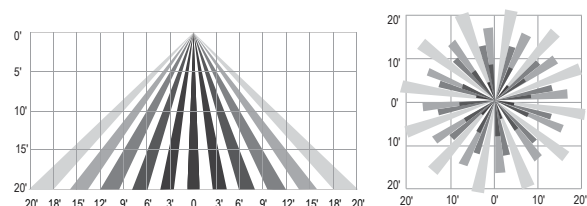
Note: Typical value accuracy +/- 5%

Motion Response Options

Bi-Level Infrared Motion Response (BL): Motion Response module is mounted integral to luminaire factory pre-programmed to 50% dimming when not ordered with other control options. BL is set/operates in the following fashion: The motion sensor is set to a constant 50%. When motion is detected by the PIR sensor, the luminaire returns to full power/light output. Dimming on low is factory set to 50% with 5 minutes default in "full power" prior to dimming back to low. When no motion is detected for 5 minutes, the motion response system reduces the wattage by 50%, to 50% of the normal constant wattage reducing the light level. Other dimming settings can be provided if different dimming levels are required. This can also be done with FSIR-100 Wireless Remote Programming Tool (contact Technical Support for details).

Infrared Motion Response Lenses (IMRI3): Infrared Motion Response Integral module is available with sensor lens #3 (IMRI3) is designed for mounting heights up to 20' with a 40' diameter coverage area. See charts for approximate detection patterns:

IMRI3 Luminaire with #3 lens



Warranty

LPW32 luminaires, the LED arrays, and the drivers are all covered by a 5-year limited warranty. See www.signify.com/warranties for details.



© 2021 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Signify North America Corporation
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

All trademarks are owned by Signify Holding or their respective owners.