Acuity Controls Submittal Package

Revision C

GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL

ATLANTA, GA

Project # #276662 / 25-76942

4/17/2026

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Job Name: GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL

Location: ATLANTA, GA

Project Notes

*****Important*****

4/17/2026

Project Name: GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL

Location: ATLANTA, GA

Note 1	PLEASE REVIEW AND CONFIRM THAT MOST UP-TO-DATE SET OF DRAWINGS HAS BEEN USED IN LIGHTING CONTROLS DESIGN. IF A MORE RECENT SET OF DRAWINGS EXISTS, PLEASE PROVIDE TO LAI FOR REVIEW.
Note 2	4/17/26 REVISED CONTROLS ARE BASED ON LASTSET OF DRAWINGS PROVIDED DATED 12/2/25 (GMP DRAWINGS"
Note 3	IVORY FINISH CONFIRMED ON RETURN SUBMITTAL COMMENTS (RSC)
Note 4	CEILING HEIGHTS ASSUMED BE 15-FEET OR LESS FOR CEILING MOUNT OCCUPANCY/VACANCY SENSORS UNLESS OTHERWISE NOTED.
Note 5	NO EMERGENCY LIGHTING CONTROLS, NO RECEPTACLE CONTROLS ARE INCLUDED**********
Note 6	REVISIONS/UPDATES TO THE LIGHTING CONTROL LAYOUTS & BOM AS PER SPECIFER AND EC INPUT (EMAILS AND CONFERENCE CALLS)
Note 7	ALL EMERGENCY DEVICES ARE ASSUMED TO BE ON 24/7 OR CONTROLLED VIA BATTERY BACKUP WITHIN THE FIXTURE.
Note 8	ALL LIGHTING CONTROL RELAYS ARE FEED THRU ONLY. CIRCUIT BREAKER PROTECTION BY OTHERS.
Note 9	EC TO TEST ALL CAT5E/CAT6 CABLES PRIOR TO TECH ARRIVING FOR STARTUP
Note 10	EC TO KEEP UP WITH ALL NLIGHT AND NLIGHT AIR ADDRESSES. THE EC CAN KEEP STICKER ADDRESSES FROM EACH DEVICE OR DOWNLOAD THE VISUAL INSTALLER APP AND SCAN THE DEVICES TO UPLOAD THE ADDRESSES TO THE CLOUD.
Note 11	EC TO CONTACT LIGHTING ASSOCIATES WITH A 4 WEEK ADVANCED NOTICE FOR STARTUP/PROGRAMMING OF LIGHTING CONTROLS

Subject to the exclusions set forth below, Acuity Brands Lighting, Inc. ("Acuity") warrants its controls products to be free fromdefect in material and workmanship for the respective time periods set forth in the table below, from the date from shipment from Acuity's facilities (the "General Warranty"). If date of shipment is unavailable, the warranty period will be calculated from the date of manufacture. Acuity's controls products include wall stations, remotes, control devices, powerpacks, sensors, network communication gear, gateways, nodes, relay panels, dimming panels, and photocontrols ("Product(s)"). Acuity further warrants that, for one (1) year, the functionality of the firmware embedded in theProduct(s) ("Product Firmware") will conform in all material respects to the Product documentation available at the start of the warranty period.

CONTROLS TABLE	
Brand or Family	**Warranty Term**
DTL® DLL, DSN, DBL, DIN, DEP,DZP,DELC DTL® DCC, DP 1704 and 1707 All Other DTL®	10 years 8 years 6 years
Atrius™ Devices: Edge Gateway, Eclypse® A1000A, Eclypse® A100AT IOTA® nLight® nLight® AIR nLight Eclypse™ PowerSentry® Sensor Switch® Synergy™ Lighting Controls XPoint™ Wireless	5 years
Lighting Control & Design (LC&D™)ROAM® Pathway® Connectivity Solutions	3 years
Fresco™	2 years
Asset Tags All Other Acuity® Controls Product(s)	1 year

*The Warranty Term for nLight®, nLight® AIR, nLight Eclypse™, ROAM® and Fresco™ Products may be extended through the purchase of an Acuity Brands Control Service Plan. See https://www.acuitybrands.com/support/technical-support/lighting-controls-support. for more information.

This Limited Warranty only covers Product function and does not cover existing building systems and/or network performance of any Product(s) or re-programming or field adjustments of any Product(s) done by anyone that has not been authorized or certified in writing by Acuity. Acuity does not warrant the security of any Product(s). Product(s)that are identified by Acuity as requiring on-site commissioning will only be covered by this Limited Warranty if commissioned by Acuity authorized personnel. Warranty coverage shall notapply to any equipment or integration services of another manufacturer used in conjunction with Acuity Product(s) or where Acuity-authorized cables are not used. This Limited Warranty only applies to the Product(s) when sold for commercial purposes and does not apply to residential product(s) provided by Acuity, all of which are governed by separate limited warranty terms.

Except as otherwise set forth herein, ballasts, lamps, emergency batteries/invertors, vandal resistant product, poles, replaceable consumables (such as batteries), computer hardware, mobile computing devices, third party gear, commissioning systems, and components specified by others are excluded from this Limited Warranty. Ultraviolet (UV) based devices that are separable from the Product (s) are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditionsx. Manufacturers of third-party ballasts, lamps, emergency batteries/invertors and poles incorporated into the Product(s) are solely responsible for any costs or expenses related to any claims,

repairs, or replacements associated with any such component(s). Applicable manufacturers shall be solely responsible for the costs related to any claims associated with any such third-party devices. Assistance with warranty claims for any such component(s), and/or copies of each applicable manufacturer's warranty, if available, may be obtained from an authorized Acuity post-sales or customer service representative. Distech Controls® and eldoLED® products are warranted separately and are not covered by this Limited Warranty.

Additionally, software (other than firmware), mobile apps, commissioning services, installation services, remote programming, and other professional services are excluded from this Limited Warranty. Services provided by Acuity are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditions. Applicable third-party service providers are solely responsible for the costs related to any claims associated with any such third-party services. Access to software and mobile apps associated with the Product(s) may be subject to the terms of an End-User License Agreement or Terms and Conditions of Use ("EULA") and, if applicable, warranty terms applicable for such software and mobile apps are set forth in the applicable EULA.

This Limited Warranty applies only when the Product(s) are installed in applications in which ambient temperatures are within the range of specified operating temperatures. Acuity will not be responsible under this Limited Warranty for any failure of the Product(s) that results from external causes such as: acts of nature, including but not limited to harmonic oscillation/winds, ice, or other related storm activity; physical damage; exposure to adverse or hazardous chemical or other substances; use of reactive cleaning agents and/or harsh chemicals to clean the Product(s);external site conditions, including but not limited to: accumulation of debris (natural or otherwise), heavy tree cover, cellular, satellite or radio interference; environmental conditions, including but not limited to: exposure to harsh, corrosive, non-condensing humidity conditions, marine or humidity conditions; vandalism; terroristic acts; fire; power failure, overheating, improper power supply, power surges or dips, and/or excessive switching; induced vibration; harmonic oscillation, or resonance associated with movement of air currents around Product(s); animal or insect activity; fault or negligence of purchaser, any end-user of the Product(s) and/or any third party not engaged by Acuity; improper or unauthorized access, use, installation, handling, storage, alteration, removal of components, testing, troubleshooting, maintenance or service; removal or interference with the tamper proof label indicating unauthorized opening of the unit; any housing, arm or gasket pierced for any reason ; failure to abide by any product classifications or certifications; failure to comply with any applicable standards, codes, recommendations, product specification sheets, or instructions of Acuity; failure of the end-user to provide full and complete requested data; use of the Product(s) with products, processes or materials supplied by any end-user or third party; or any other occurrences beyond Acuity's reasonable control. Acuity also will not be responsible under this Limited Warranty for any substantial deterioration in the Product finish that is caused by failure to clean, inspect, or maintain the finish of the Product(s). If the Product(s) are used on existing foundations, roofs, buildings, anchorages or structures, the end-user is solely responsible for the structural integrity of such existing foundations, roofs, buildings, anchorages or structures and all consequences arising from their use. Adequate records of operating history, maintenance, and/or testing (as applicable) must be kept by the end-user and provided to Acuity upon request to substantiate that the Product(s) have failed to comply with the terms of this Limited Warranty. Neither polycarbonate nor acrylic material used in the Products is warranted against yellowing or cracking, as yellowing and/or cracking may naturally occur over time due to normal aging. The Product(s) are not warranted against: cosmetic problems or defects that result from normal wear and tear under ordinary use and that do not affect the performance or use of the Product(s); nor are the Products warranted against costs that may be incurred in connection with changes or modifications to the Product(s) required to accommodate site conditions and/or faulty building construction or design; or failures of Acuity Product(s) resulting from installation or use of aftermarket third party supplied products, components, materials, software, services, telecommunications equipment, networks or the Internet. Acuity does not warrant that the Product(s) meet the applicable project requirements for performance, legality, safety, security, suitability, or effectiveness for use in a particular application. In no event will Acuity be responsible for any loss resulting from anyapplication in which the Product(s) are used including any fines or penalties resulting from illegal use. Modifications/upgrades to Product Firmware that may be required to address changes in laws or regulations are outside the scope of this Limited Warranty. Product Firmware modifications/upgrades that result in changes to functionality to the Product are also outside the scope of this Limited Warranty.

The determination of whether any Product(s) fail to comply with the terms of this Limited Warranty shall be made by Acuity in its sole discretion, with consideration given to the overall performance of the Product(s) as compared to the expected performance per the applicable spec sheet. If the Product(s) are within the Warranty Period, Acuity has received payment in full for the Product(s), and Acuity determines to its satisfaction that the Product(s) fail to comply with the terms of this Limited Warranty, Acuity, at its option, will (a) with respect to defects in material and workmanship service, repair or replace the Product(s) with the same or a functionally equivalent Product(s) or component part(s), which may differ in appearance from the original or (b) with respect to non-conformances of the Product Firmware, will make available for installation a patch to be installed by the end-user within a commercially reasonable time frame to remedy the non-conformance. If the patch is not installed within a commercially reasonable time frame, the Limited Warranty will no longer apply with respect to such non-conformances. Acuity reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured Product(s) or parts in the warranty repair or replacement process. For purposes of clarity,this Limited Warranty does not include any removal, commissioning, programming, or reinstallation costs or expenses, including without limitation any labor costs, equipment or other expenses required to remove and/or reinstall original or replacement Product(s) and/or parts. This Limited Warranty

extends only to the Product(s) as delivered to, and is for the sole and exclusive benefit of, the original end -user of the Product(s) at the original location. This Warranty may not be transferred or assigned by the original end-user.

The repair or replacement of any Product(s) or component part within the Product(s) is the sole and exclusive remedy for failure of the Product(s)to comply with the terms of this Limited Warranty and does not extend the Warranty Period. Warranty claims regarding the Product(s) must be submitted in writing within thirty (30) days of discovery of the defect or failure to an authorized Acuity post-sales or customer service representative. Product(s) or component part(s) may be required to be returned for inspection and verification of non-conformance by Acuity, but no Product(s) or component part(s) will be accepted for inspection, verification or return unless accompanied by a "return authorization number" which can be obtained only from an authorized Acuity post-sales or customer service representative. Acuity is not responsible for any costs, expenses, or damages that may occur in connection with shipment of Product(s) to Acuity, but Acuity shall bear all cost and expense incurred in connection with shipment of replacement Product(s) to the end-user so long as Acuity has sole control over all aspects of shipment, including but not limited to Acuity shipping directly to the end-user. In no event will Acuity accept any other charges related to shipment by any other party. Replacement Product(s) and/or parts provided under the terms of this Limited Warranty are warranted for the remainder of the Warran ty Period as if such Product(s) and/or parts were the original components.

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

The total liability of Acuity on any and all claims of any kind, whether in contract, warranty, tort (including negligence), strict liability or otherwise, arising out of or in connection with, or resulting from, Acuity's performance or breach of this Limited Warranty, or from Acuity's sale, delivery, resale, repair, or replacement of any Product(s) or the furnishing of any services, shall in no event exceed the purchase price allocable to the Product(s) that give rise to the claim, and any and all such liability shall terminate upon the expiration of the Warranty Period specified above. Acuity shall not be liable for damages caused by any delays involving warranty services.

IN NO EVENT SHALL ACUITY BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES, ARISING OUT OF THE SALE OR PERFORMANCE OF ANY PRODUCTS OR SERVICES, OR ANY BREACH OF WARRANTY OR OBLIGATIONS UNDER WARRANTY EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER AS THE RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER THEORY, INCLUDING WITHOUT LIMITATION LABOR OR EQUIPMENT REQUIRED TO REMOVE AND/OR REINSTALL ORIGINAL OR REPLACEMENT PARTS, LOSS OF TIME, PROFITS OR REVENUES,

LACK OR LOSS OF PRODUCTIVITY, INTEREST CHARGES OR COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT, SYSTEMS, SERVICES OR DOWNTIME COSTS, LOSS OR CORRUPTION OF DATA, DAMAGE TO OR LOSS OF USE OF PROPERTY OR EQUIPMENT OR ANY INCONVENIENCE ARISING OUT OF ANYBREACH OF THE FOREGOING WARRANTY OR OBLIGATIONS UNDER SUCH WARRANTY.

Acuity reserves the right to modify or discontinue this Limited Warranty without notice, provided that any such modification or discontinuance will only be effective with respect to any Product(s) purchased after such modification or discontinuance. If there is any conflict or inconsistency between the English language version of this Limited Warranty and any version translated into any other language, the English language version shall prevail. Trademarks referenced are trademarks of Acuity Brands Lighting, Inc. and if marked with the ® symbol are registered in the U.S. and may be registered in other countries.

This Limited Warranty shall be construed and enforced in the accordance with the laws of the State of Georgia and the applicable laws of the United States.

NOTE: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations orexclusions may not apply to you.

NOTE: Acuity Brands is not a lighting specifier, and product recommendations for any lighting design project are for informational purposes only, without any warranty as to accuracy, completeness, legality for use in a particular application, or otherwise.

NOTE: The Product(s) must be returned within ten (10) days after receiving the return authorization number and the shipping box must be clearlymarked with the return authorization number. Failure to follow this procedure will delay any potential warranty resolution. Product(s) returned without a valid return authorization number will either be refused or returned to sender at sender's expense. NO PRODUCT RETURNS WILL BE ACCEPTED BY ACUITY IF NOT ACCOMPANIED BY A VALID RETURN AUTHORIZATION NUMBER.

LAi Lighting Associates inc

Bill Of Materials

4/17/2026

Project Name: GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL

Project #: #276662 / 25-76942

Location: ATLANTA, GA

Label	Quantity	Catalog	Category	Description	Brand
DP2	5	NPP16 D EFP	Power Pack	Power/Relay Pack, Occupancy Controlled Dimming, External Fault Protection	nLight
OS2	8	NCM PDT 10 RJB	Sensor	Low Voltage Ceiling Mount Sensor, Passive Dual Technology, Large Motion / Extended Range 360° Lens, Rear RJ-45 Ports	nLight
SC1	1	NECY MVOLT ENC	System Controller	nLight Eclypse, 120-277 VAC, 14 1/4"H x 14 1/4"W x 4"D metal enclosure for ECLYPSE EnergySyte or nLight ECLYPSE.	nLight
SO1	4	WSXA PDT SA IV	Switch	Wall Switch Sensor, Passive Dual Technology, Vacancy (default) or Auto-On	Sensor Switch
SO2	2	WSXA PDT IV	Switch	Wall Switch Sensor, Passive Dual Technology	Sensor Switch
SW3	5	NPODMA DX IV	Switch	nLight Wired Aesthetic Wallpod, Raise/Lower Dimming Without Wires	nLight
SW6	2	NPODMA IV	Switch	nLight Wired Aesthetic Wallpod	nLight

Acuity Controls Drawing Package

PROJECT PRIMARY POINT OF CONTACT:

ERIC JUERS
PH: 678-787-3336
EMAIL: EJUERS@LIGHTINGASSOCIATES.COM

Lighting Associates inc

GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL
ATLANTA, GA

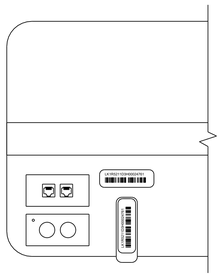
Drawing Type:
Control Layout

Prepared For:
REVISED SUBMITTAL FOR RECORD & RELEASE

Revision	Date
C	4/17/2026
B	4/2/2026
A	2/18/2026

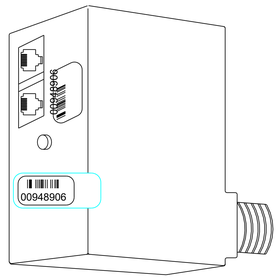
Date: 11/3/2025
Scale: NOT TO SCALE
Drawn By: EJUERS
Project#276662 / 25-76942
DWG Ref: unknown
Sheet: LC1

NLIGHT BARCODE REQUIREMENTS



BAR CODE ON NLIGHT ENABLED FIXTURE

TOP VIEW



BAR CODE ON NLIGHT DEVICE

NOTES:

EVERY NLIGHT ENABLED DEVICE (INCLUDING NLIGHT ENABLED FIXTURES) IS FURNISHED WITH (1) PERMANENTLY ADHERED ID TAG AND (1) MATCHING, PARTIALLY ADHERED ID TAG TO BE PLACED ON THE RISER DIAGRAM OR BARCODE TEMPLATE SHEET PROVIDED AS PART OF AN NLIGHT SUBMITTAL. DURING INSTALLATION AND PRIOR TO FACTORY STARTUP, CONTRACTOR SHALL PLACE EACH ID TAG BELOW EACH CORRESPONDING DEVICE SHOWN ON RISER DIAGRAM TO FACILITATE FACTORY STARTUP. FAILURE TO COMPLY MAY RESULT IN STARTUP DELAYS AND ADDITIONAL COSTS AT THE CONTRACTOR'S EXPENSE. DO NOT PLACE DEVICE ID STICKERS ON FLOOR PLAN UNLESS REQUIRED TO EXECUTE NFLOORPLAN SERVICES, REFERENCE NFLOORPLAN SERVICE NOTES ON THIS SHEET FOR SPECIFIC REQUIREMENTS.

THE SMALL BARCODE LABELS INCLUDED WITH ALL NLIGHT DEVICES AND NLIGHT ENABLED FIXTURES MUST BE PLACED ON A PRINTED PLAN SHEET BY THE INSTALLER PRIOR TO ONSITE SYSTEM STARTUP.

THE BARCODE INDICATES THE UNIQUE ID OF EACH NLIGHT DEVICE. THIS ID IS USED DURING SYSTEM STARTUP TO PROGRAM DEVICES WITH THE CORRECT GROUPINGS AND SETTINGS. WITHOUT THIS, SYSTEM STARTUP WILL REQUIRE ADDITIONAL DAYS ON THE JOB TO LOCATE DEVICE IDS.

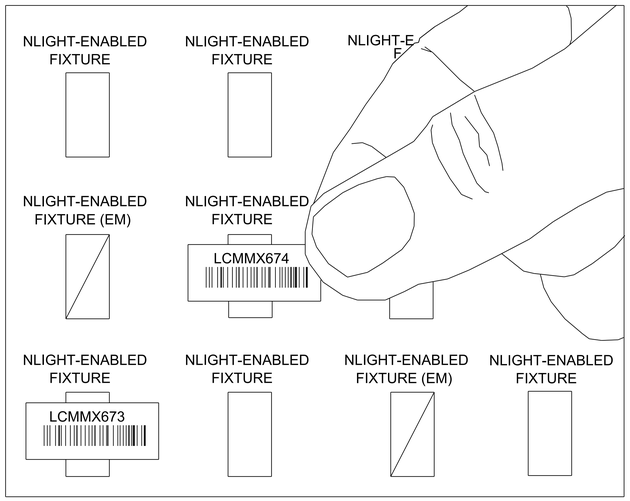
BARCODE INSTRUCTIONS:

1. * PRINT A PLAN SHEET OF THE INSTALLATION AREA TO A MINIMUM D SIZE (24"X 36"). THE PLAN MAY BE A RISER SHEET OR BARCODE TEMPLATE (EITHER ARE PREFERRED), FLECTED CEILING PLAN, LIGHTING PLAN, AND ELECTRICAL PLAN, SO LONG AS ALL DEVICES CAN BE LOCATED BY THE FIELD SUPPORT ENGINEER.

2. PLACE THE SMALL BARCODE LABEL (0.875" LONG) FROM EACH LUMINAIRE AND DEVICE ON THE FLOORPLAN. THE LARGE BARCODE LABEL (1.25" LONG) CAN BE USED ON THE OUTSIDE OF ANY HOUSING OR JUNCTION BOX THAT OBSCURES THE ID NUMBER SHOWN ON THE DEVICE ITSELF.

3. SAVE THE PLAN AT THE JOB SITE, AND HAND OVER TO ACUITY FIELD SUPPORT ENGINEER OR OTHER PERSONNEL RESPONSIBLE FOR ONSITE SYSTEM STARTUP. IT IS ALSO ACCEPTABLE TO PROVIDE THE BARCODE PLAN AS SCANNED PDF FILES, EMAILED TO CONTROLS.STARTUPS@ACUITYBRANDS.COM, WITH PROJECT NAME AND PROJECT ADDRESS IN SUBJECT LINE AND A COPY OF THE ONSITE STARTUP REQUEST FORM.

4. DRAW ON PLAN ANY LOCATION CHANGES FOR A FIXTURE OR DEVICES, IF DIFFERENT THAN SHOWN ON PLAN.



NLIGHT BARCODE INSTRUCTIONS

N.T.S.

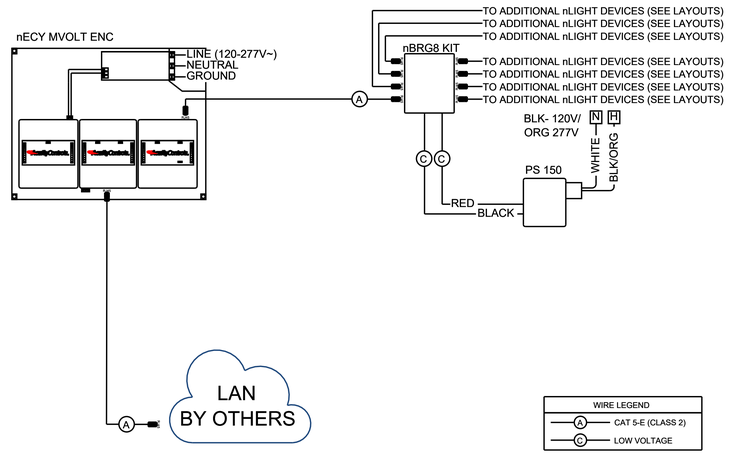
IF BARCODE LABELS ARE NOT UTILIZED PROPERLY, THIS COULD LEAD TO EXTENDED PROGRAMMING TIME AND ADDITIONAL BILLABLE STARTUP DAYS.

Lighting Associates inc

GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL
ATLANTA, GA

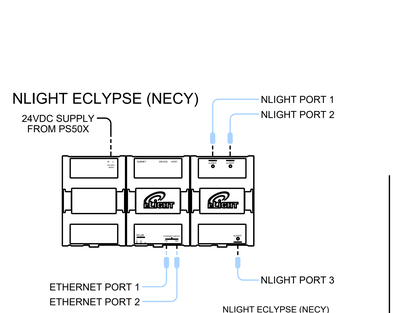
Drawing Type: Control Layout	Prepared For: REVISED SUBMITTAL FOR RECORD & RELEASE
Revision	Date
C	4/17/2026
B	4/2/2026
A	2/18/2026
Date:	11/3/2025
Scale:	NOT TO SCALE
Drawn By:	EJUERS
Project#	26662 / 25-76942
DWG Ref:	unknown
Sheet:	LC0.2

NLIGHT WIRED TYPICALS



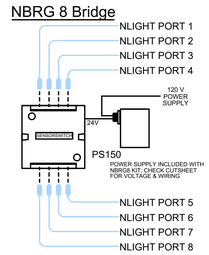
TYPICAL WIRING DIAGRAM: nECY MVOLT ENC

N.T.S.



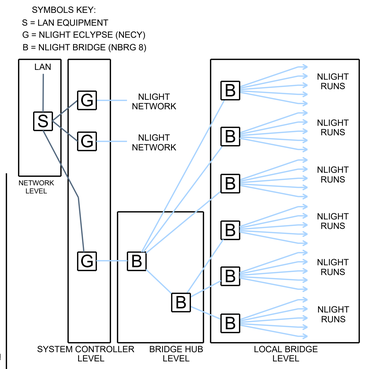
NLIGHT ECLYPSE (NECY)

NECY HAS BEEN SHOWN HERE AS TYPICAL AND INDICATIVE OF CONNECTION TYPES. PLEASE REFER TO THE NECY SPECIFICATION SHEETFOR MODEL SPECIFIC FEATURES. THE NECY HAS THREE NLIGHT PORTS; PORT 1 IS TYPICALLY USED TO HOST THE NLIGHT NETWORK; PORT 2 IS TYPICALLY LEFT SPARE, AND PORT 3 IS TYPICALLY RESERVED FOR AN NGWY2 GFX TOUCHSCREEN.TWO ETHERNET PORTS ARE AVAILABLE WITH A BUILT-IN ETHERNET SWITCH. THE ETHERNET PORTS MAY BE USED TO CONNECT TO A BUILDING LAN, BUILDING MANAGEMENT SYSTEM, OR A PERSONAL COMPUTER.



NLIGHT BRIDGE (NBRG 8)

THE NBRG 8 BRIDGE FEATURES 8 NLIGHT PORTS. ONE PORT IS RESERVED FOR UPSTREAM COMMUNICATION, AND ANY NUMBER OF THE REMAINING 7 CAN BE USED FOR DOWNSTREAM COMMUNICATION. ALLOWANCE OF AT LEAST ONE SPARE PORT IS TYPICAL.



NETWORK LEVEL

ALL NLIGHT GATEWAY DEVICES (NECY) ARE CONNECTED OVER A LOCAL AREA NETWORK. COMPUTERS ON THIS LEVEL MAY CONNECT THROUGH SENSORVIEW AND BUILDING AUTOMATION SYSTEMS MAY ACCESS SYSTEM INFORMATION OVER BACNET/IP WHERE APPLICABLE AND WITH PROPER NECY OPTIONS (SEE NECY SPECIFICATION SHEET FOR MORE INFORMATION).

SYSTEM CONTROLLER LEVEL

NECY ON THIS LEVEL WILL HOST AN NLIGHT NETWORK. DEVICES ON THIS LEVEL SHOULD BE LOCATED ON THE SAME SUB NETWORK (SUBNET).

BRIDGE HUB LEVEL

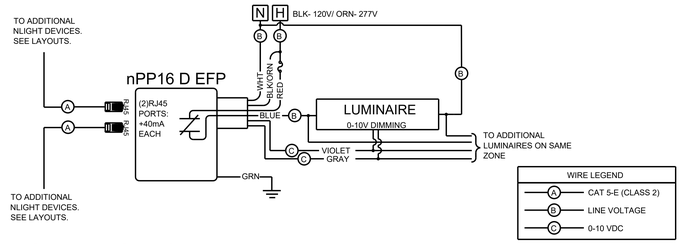
NLIGHT BRIDGES ON THIS LEVEL FUNCTION AS HUBS IN A STAR TOPOLOGY. THE NLIGHT NETWORK HOSTED BY THE NECY MUST BE ROUTED TO EACH BRIDGE ON THE LOCAL BRIDGE LEVEL. EACH BRIDGE HUB WILL UTILIZE ONE PORT TO RUN UPSTREAM (TOWARDS THE NECY) AND ANY NUMBER OF THE REMAINING 7 PORTS TO FEED DOWNSTREAM RUNS (TOWARDS NLIGHT ZONE). LARGE SYSTEMS WILL OFTEN USE A TIERED APPROACH WITH BRIDGE HUBS RUNNING TO ADDITIONAL BRIDGE HUBS. IN THESE SITUATIONS, THE MAXIMUM NUMBER OF BRIDGE HUB TIERS IS 8.

LOCAL BRIDGE LEVEL

NLIGHT BRIDGES ON THIS LEVEL UTILIZE ONE PORT TO RUN UPSTREAM (TOWARDS BRIDGE HUBS) AND ANY NUMBER OF THE REMAINING 7 PORTS TO FACILITATE NLIGHT ZONES CONSISTING OF CAT5E-DAISY-CHAINED NLIGHT LIGHTING CONTROL DEVICES.

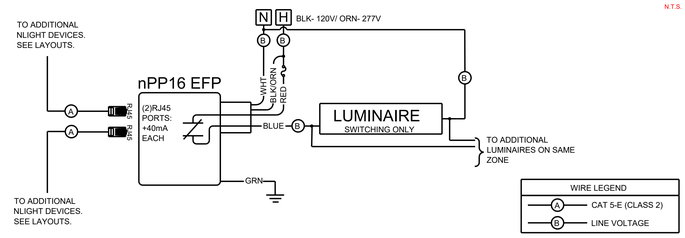
NLIGHT NETWORK RISER

N.T.S.



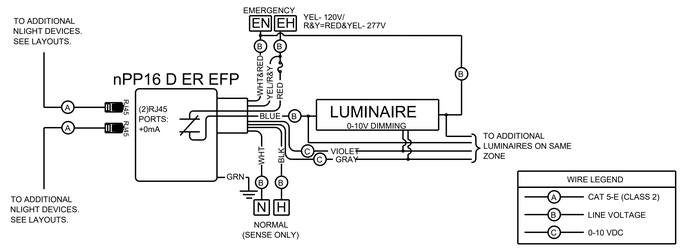
TYPICAL WIRING DIAGRAM: NPP16 D EFP

N.T.S.



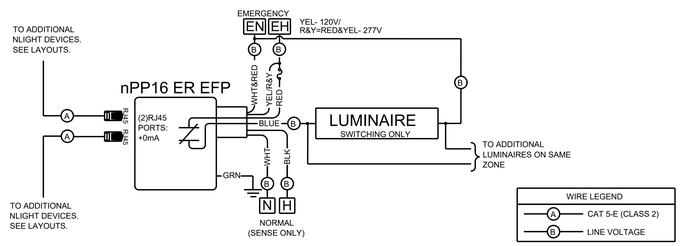
TYPICAL WIRING DIAGRAM: NPP16 EFP

N.T.S.



TYPICAL WIRING DIAGRAM: NPP16 D ER EFP

N.T.S.



TYPICAL WIRING DIAGRAM: NPP16 ER EFP

N.T.S.

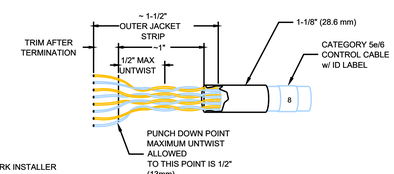
TIA / EIA-568-B CABLING STANDARD TERMINATION

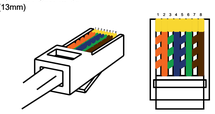
Function	PAIR #	PIN OUT (T568B)	Wire Color
(T1) (R1)	1	5 4	WHITE w/ BLUE BLUE
Tx + (T2) Tx - (R2)	2	1 2	WHITE w/ ORANGE ORANGE
Rx + (T3) Rx - (R3)	3	3 6	WHITE w/ GREEN GREEN
(T4) (R4)	4	7 8	WHITE w/ BROWN BROWN

TERMINATION & TESTING OF CAT5E/6 CABLES MUST BE DONE BY A QUALIFIED NETWORK INSTALLER

Cable termination requirements :

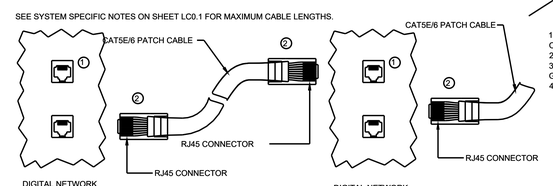
1. Strip off outer jacket - approximately 1-1/2" (37.6 mm)
2. Terminate approximately 1/2" (12.2 mm) from end of conductors on type 110 punch down block or connector per schedule (t568b) - maximum untwist of conductors to terminations is 1/2" (12.2 mm) - trim excess leads.





1. WHITE w/ ORANGE
2. ORANGE
3. WHITE w/ GREEN
4. BLUE
5. WHITE w/ BLUE
6. GREEN
7. WHITE w/ BROWN
8. BROWN

SEE SYSTEM SPECIFIC NOTES ON SHEET LC0.1 FOR MAXIMUM CABLE LENGTHS.



Notes:

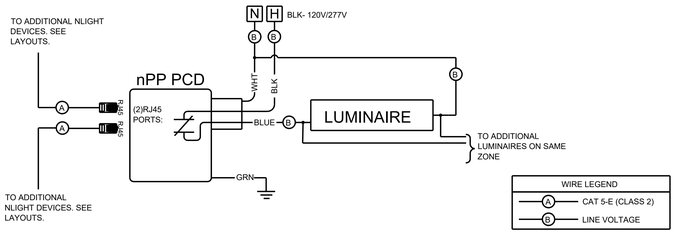
Daisy-chain CAT5E/6 patch cable with RJ45 connectors from digital device to digital device.

Refer to manufacturers instructions for long distance runs between digital devices.

Crimp and test each cable with a LAN circuit tester prior to installation.

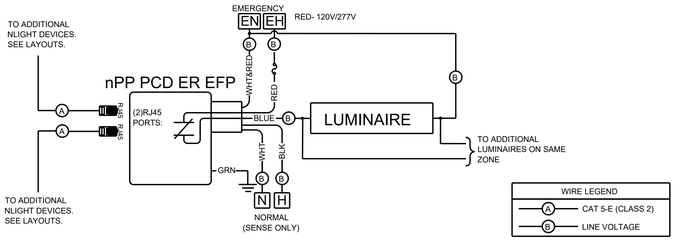
CAT5E/6 CABLE TERMINATION

N.T.S.



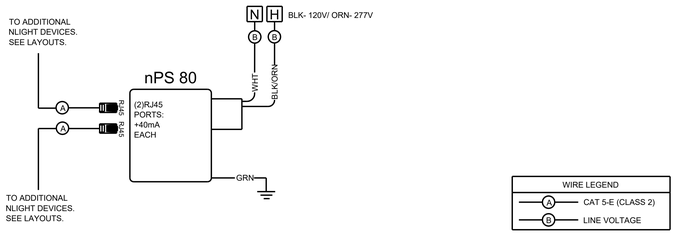
TYPICAL WIRING DIAGRAM: NPP PCD

N.T.S.



TYPICAL WIRING DIAGRAM: NPP PCD ER EFP

N.T.S.



TYPICAL WIRING DIAGRAM: NPS 80

N.T.S.

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ATLANTA, GA

Drawing Type: Control Layout

Prepared For: REVISED SUBMITTAL FOR RECORD & RELEASE

Revision	Date
C	4/17/2026
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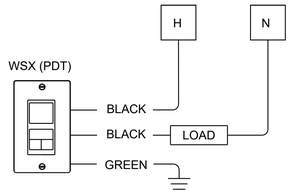
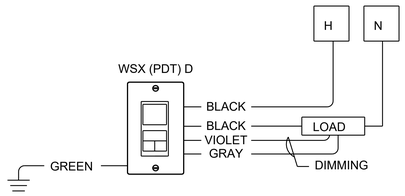
Scale:	NOT TO SCALE
Drawn By:	EJUERS
Project#	26662 / 25-76942
DWG Ref:	unknown
Sheet:	LC1

SENSORSWITCH TYPICALS



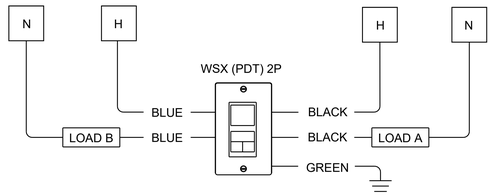
WALL SWITCH, 1 POLE, AUTO ON/OFF

N.T.S.



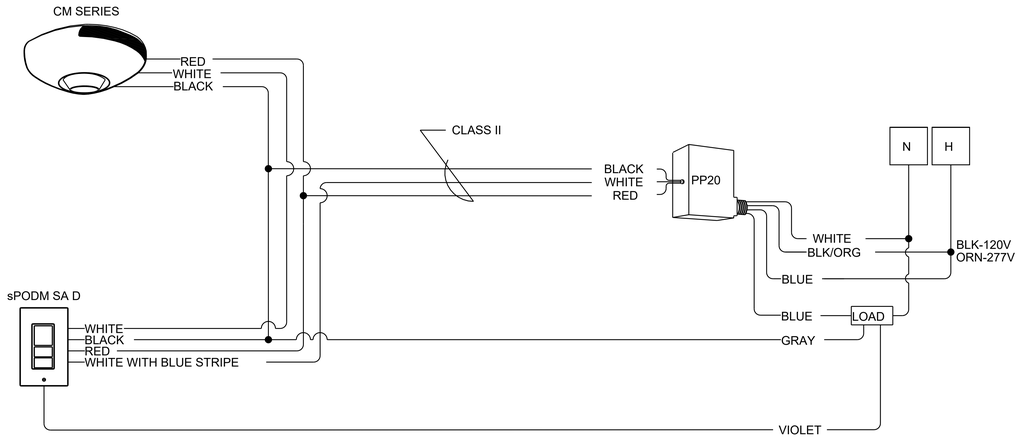
WALL SWITCH, 1 POLE, DIMMABLE AUTO ON/OFF

N.T.S.



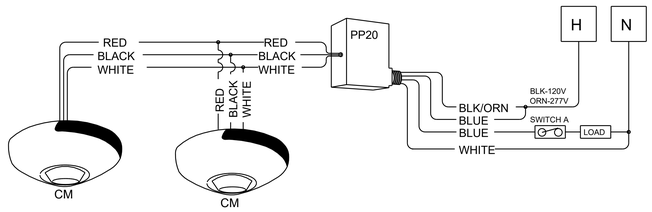
WALL SWITCH, 2 POLE, AUTO ON/OFF

N.T.S.



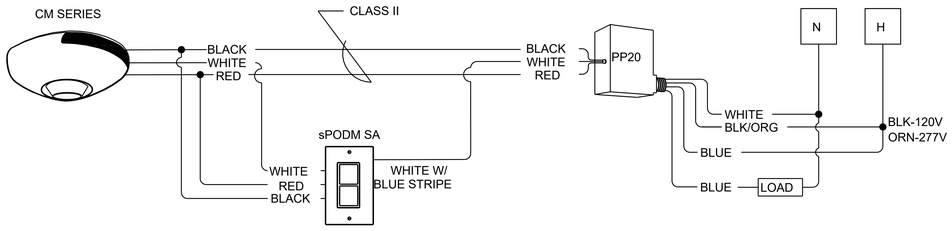
CEILING MOUNT SENSOR, MANUAL ON AUTO OFF, DIMMING

N.T.S.



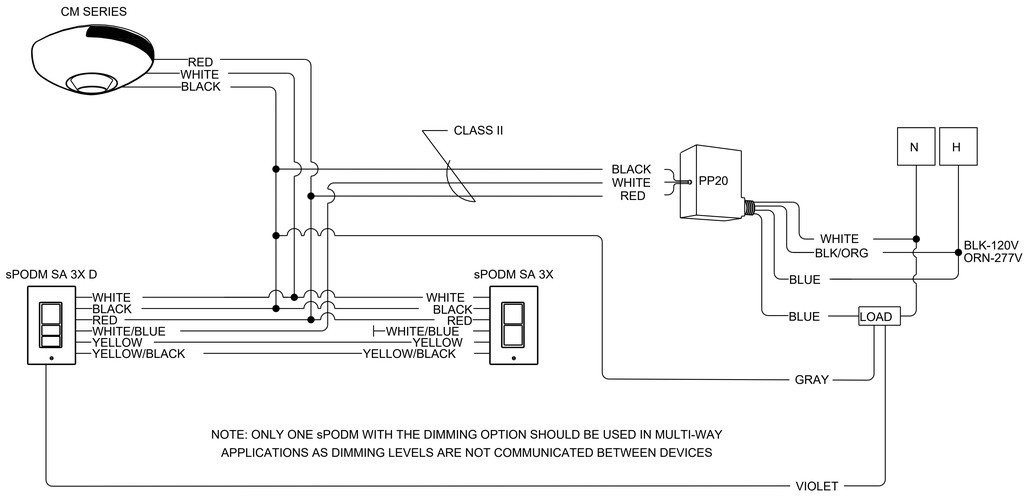
PP20 SINGLE CIRCUIT W/MULTIPLE OCC SENSORS

N.T.S.



CEILING MOUNT SENSOR, MANUAL ON AUTO OFF

N.T.S.



CEILING MOUNT SENSOR, 3 WAY MANUAL ON AUTO OFF, DIMMING

N.T.S.

Lighting Associates inc

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Drawing Type: Control Layout

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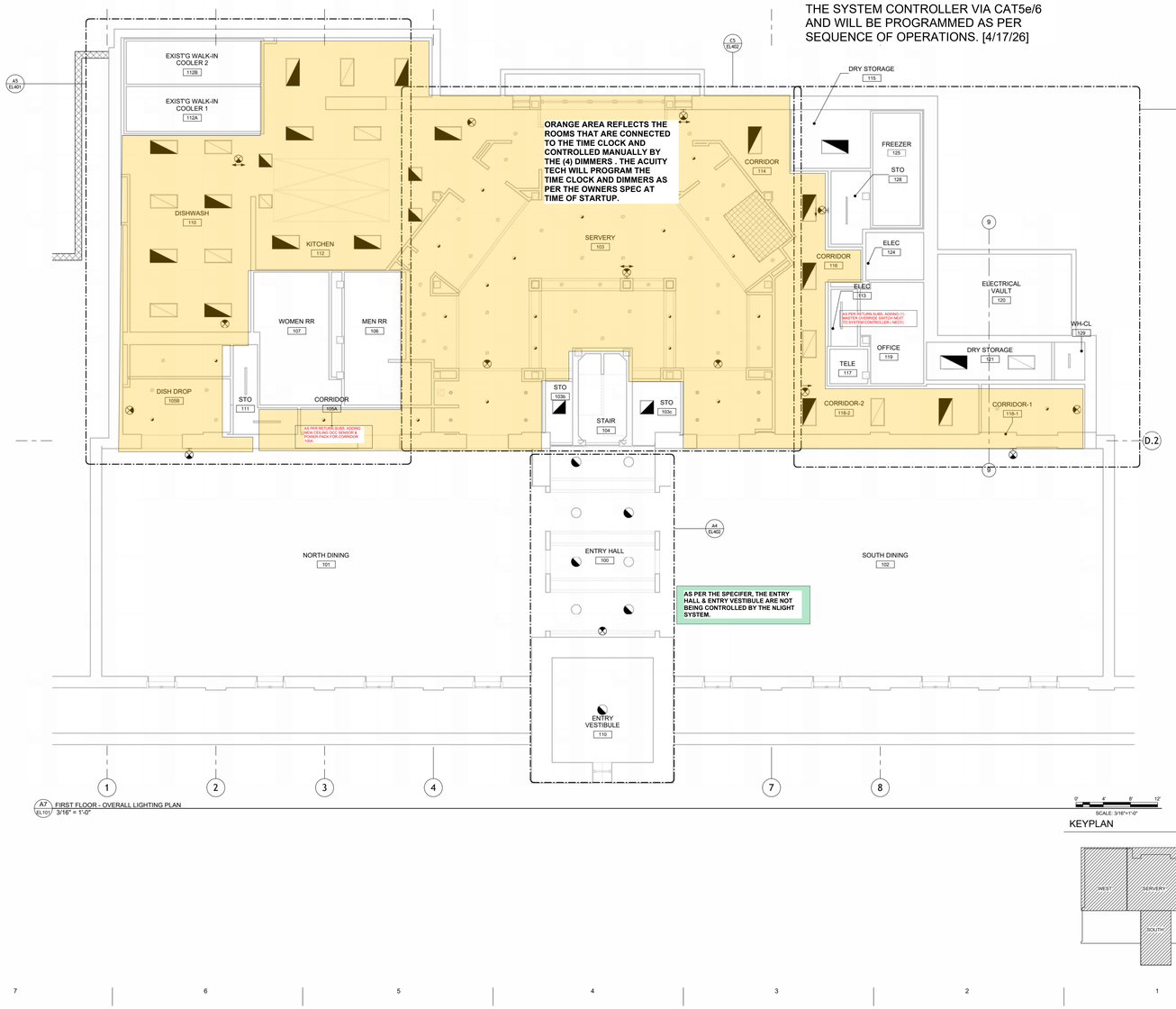
DWG Ref:	unknown
Sheet:	LC1

WIRE LEGEND
EL101 OVERALL LTG

PRODUCT LEGEND
EL101 OVERALL LTG

THIS SHEET FOR REFERENCE - NO LIGHTING CONTROLS ARE SHOWN

ALL CORRIDORS ARE COVERED WITH OCCUPANCY SENSORS AND TIME CLOCK CONTROLS. ALL ROOM CONTROLLERS ARE WIRED BACK TO THE SYSTEM CONTROLLER VIA CAT5e/6 AND WILL BE PROGRAMMED AS PER SEQUENCE OF OPERATIONS. [4/17/26]



A7 / EL101 FIRST FLOOR - OVERALL LIGHTING PLAN
3/16" = 1'-0"

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

KEYPLAN

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DRAWN BY: RDY
CHECKED BY: RCC
DATE: 12/2/2025
REVISION
TITLE: FIRST FLOOR OVERALL LIGHTING PLAN
PROJECT NUMBER: 202406
SHEET NUMBER: EL101
GMP SET

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Drawing Type: Layout
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Scale:	3/16" = 1'
Drawn By:	EJUERS
Project#	276662 / 25-76942
DWG Ref:	
Sheet:	EL101 OVERALL LTG

A EL101 OVERALL LTG
3/16" = 1'

Created in Visual Controls

WIRE LEGEND EL401 WEST LTG PLAN	
	CAT5 nLight CAT5e nLight Pre-terminated CAT5e cable for nLight communication network

LAi Lighting Associates inc

PRODUCT LEGEND EL401 WEST LTG PLAN			
1	nP 16D		DP2 NPP16 D EFP Power/Relay Pack, Occupancy Controlled Dimming, External Fault Protection
1	nCP 10		OS2 NCM PDT 10 RJB Low Voltage Ceiling Mount Sensor, Passive Dual Technology, Large Motion / Extended Range 360° Lens, Rear RJ-45 Ports
1	$XA PDT	SA	SO1 WSXA PDT SA IV Wall Switch Sensor, Passive Dual Technology, Vacancy (default) or Auto-On
1	nPOD MADX		SW3 NPODMA DX IV nLight Wired Aesthetic Wallpod, Raise/Lower Dimming Without Wires

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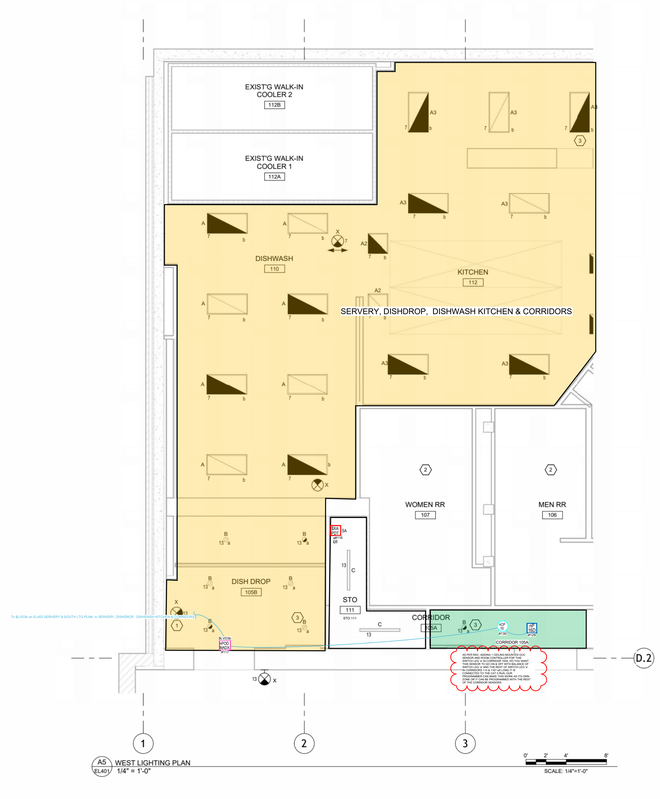

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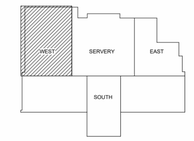

GENERAL SHEET NOTES

1. ENCLOSED SPACES HAVE INDEPENDENT LIGHTING CONTROLS.
2. THE FOLLOWING LIGHTING FIXTURE MANUFACTURERS WILL BE CONSIDERED EQUAL, PROVIDED THAT THE SUBSTITUTED LUMINAIRE IS SIMILAR IN SIZE, AESTHETIC, FINISH, BUILD, MATERIAL, INSTALLATION, MAINTAINABILITY, AND PERFORMANCE (INCLUDING, BUT NOT LIMITED TO: DELIVERED LUMENS, OPTICAL DISTRIBUTION, EFFICACY, DIMMING RANGE, COLOR QUALITY, AND CONTROLS INTERFACE): ACUITY BRANDS LIGHTING, COOPER LIGHTING, COOPER LIGHTING, SIGNIFY LIGHTING, CURRENT LIGHTING, COLUMBIA LIGHTING, AND H.E. WILLIAMS. LUMINAIRES BY MANUFACTURERS OTHER THAN THOSE LISTED MAY ALSO BE CONSIDERED EQUAL, PROVIDED THAT THEY MEET THE ABOVE CRITERIA. FOR EQUALS FROM MANUFACTURERS OTHER THAN THOSE LISTED, CONTACT ENGINEER FOR APPROVAL PRIOR TO BID.
3. LUMINAIRE TYPE MARK WITH HALF SHADE INDICATES EMERGENCY LUMINAIRE. PROVIDE INTEGRAL BATTERY UNIT WIRED SO THAT POWER LOSS INITIATES OPERATION OF BATTERY UNIT TO HALF LUMEN OUTPUT MINIMUM.
4. LIGHTING CONTROL STRATEGIES ARE DIAGRAMMATIC ONLY TO SHOW CONTROL INTENT AND DEVICES INVOLVED. REFER TO LIGHTING FLOOR PLANS ON SHEET FOR ACTUAL LIGHTING LAYOUTS, CIRCUITS, CONTROL ZONES, AND DEVICE LUMINAIRE TYPES, QUANTITIES, AND LOCATIONS.
5. WIRE EMERGENCY FIXTURES EXIT SIGNS AND EMERGENCY FIXTURE BATTERY BACKUP PACKS UPSTREAM OF ANY SWITCHING DEVICES. USE LOCAL CIRCUIT SERVING SPACE.
6. ALL EMERGENCY LIGHTING SHALL UTILIZE INTEGRAL BATTERY PACKS.
7. DEMOLISH LIGHTING, CONTROLS, AND ASSOCIATED CIRCUITRY IN KITCHEN, SERVERY, AND ADJACENT AREAS WITHIN LIMITS OF WORK BACK TO SOURCE EXCEPT WHERE INDICATED TO REMAIN OR TO BE MODIFIED. COORDINATE WITH THE EARLY DEMOLITION WORK THAT OCCURRED FOR THIS PROJECT.

KEYNOTES

1. REPLACE EXISTING EXIT SIGN IN SAME LOCATION WITH INDICATED EXIT SIGN.
2. THIS SPACE IS NOT IN SCOPE. MAINTAIN OPERABILITY OF LIGHTING IN THIS SPACE.
3. SEE SHEET EP402 FOR LIGHTING CIRCUIT CONTINUATION AND HOME RUN.

A EL401 WEST LTG PLAN
3/16" = 1'

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ATLANTA, GA 30332

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ATLANTA, GA

DRAWN BY: RDY | CHECKED BY: RCC
DATE: 12/2/2025
REVISION
TITLE: ENLARGED LIGHTING PLANS
PROJECT NUMBER: 202406
SHEET NUMBER: EL401
GMP SET

Drawing Type: Layout
Prepared For: REVISED SUBMITTAL FOR RECORD & RELEASE

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C	4/17/2026
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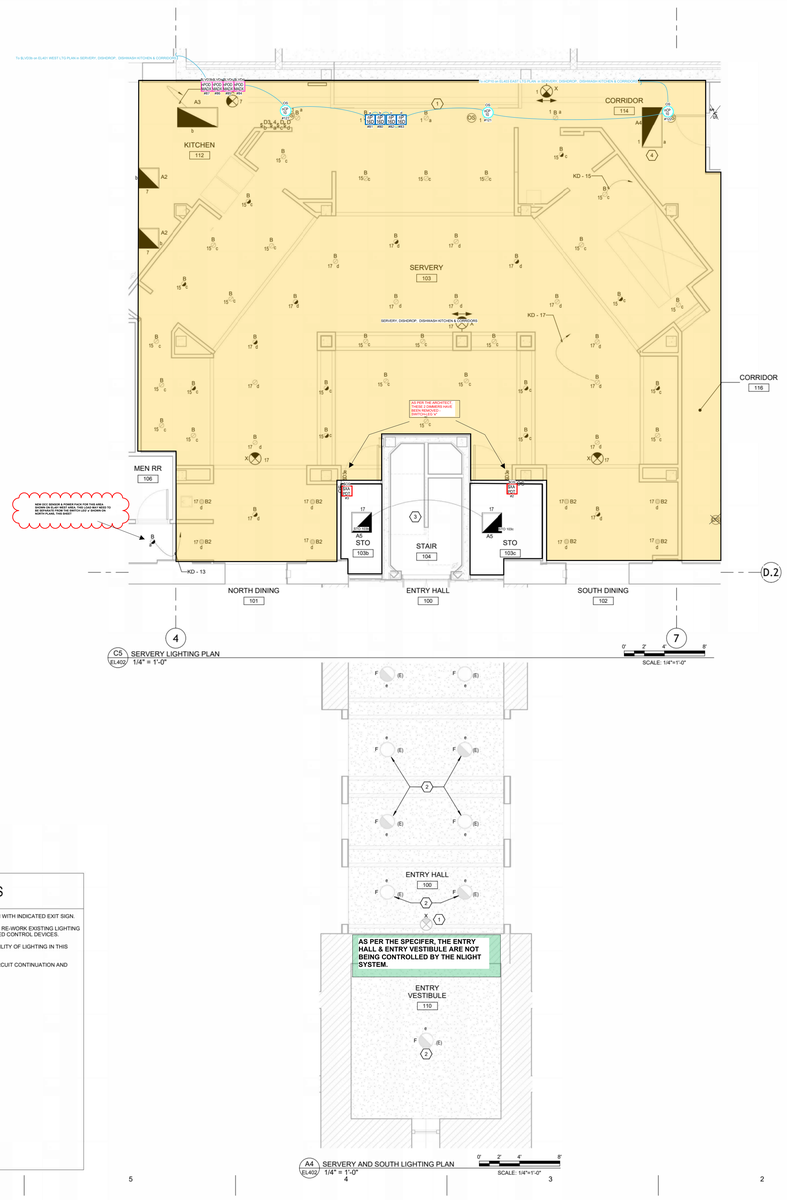
Scale: 3/16" = 1
Drawn By: EJUERS
Project#: 76662 / 25-76942
DWG Ref:

Sheet: EL401 WEST LTG PLAN

WIRE LEGEND EL402 SERVERY & SOUTH LTG PLAN	
	CAT5 nLight CAT5e nLight Pre-terminated CAT5e cable for nLight communication network

LAi Lighting Associates inc

PRODUCT LEGEND EL402 SERVERY & SOUTH LTG PLAN		
4	nP 16D	DP2 NPP16 D EFP Power/Relay Pack, Occupancy Controlled Dimming, External Fault Protection
3	nCP 10	OS2 NCM PDT 10 RJB Low Voltage Ceiling Mount Sensor, Passive Dual Technology, Large Motion / Extended Range 360° Lens, Rear RJ-45 Ports
2	$XA PDT	SO2 WSXA PDT IV Wall Switch Sensor, Passive Dual Technology
4	nPOD MADX	SW3 NPODMA DX IV nLight Wired Aesthetic Wallpod, Raise/Lower Dimming Without Wires



GENERAL SHEET NOTES

1. ENCLOSED SPACES HAVE INDEPENDENT LIGHTING CONTROLS.
2. THE FOLLOWING LIGHTING FIXTURE MANUFACTURERS WILL BE CONSIDERED EQUAL, PROVIDED THAT THE SUBSTITUTED LUMINAIRE IS SIMILAR IN SIZE, AESTHETIC, FINISH, BUILD, MATERIAL, INSTALLATION, MAINTAINABILITY, AND PERFORMANCE (INCLUDING, BUT NOT LIMITED TO: DELIVERED LUMENS, OPTICAL DISTRIBUTION, EFFICACY, DIMMING RANGE, COLOR QUALITY, AND COLOR CONSISTENCY) TO THAT SPECIFIED: ACUITY BRANDS LIGHTING, COOPER LIGHTING, SIGNIFY LIGHTING, AND KIM LIGHTING. ALL OTHER LUMINAIRES MANUFACTURED BY MANUFACTURERS OTHER THAN THOSE LISTED MAY ALSO BE CONSIDERED EQUAL, PROVIDED THAT THEY MEET THE ABOVE CRITERIA. FOR EQUALS FROM MANUFACTURERS OTHER THAN THOSE LISTED, CONTACT ENGINEER FOR APPROVAL PRIOR TO BID.
3. LUMINAIRE TYPE MARK WITH HALF SHADE INDICATES EMERGENCY LUMINAIRE. PROVIDE INTEGRAL BATTERY UNIT WIRED SO THAT POWER LOSS INITIATES OPERATION OF BATTERY UNIT TO HALF LUMEN OUTPUT MINIMUM.
4. LIGHTING CONTROL STRATEGIES ARE DIAGRAMMATIC ONLY TO SHOW CONTROL INTENT AND DEVICES INVOLVED. REFER TO LIGHTING FLOOR PLANS ON SHEET FOR ACTUAL LIGHTING LAYOUTS, CIRCUITS, CONTROL ZONES, AND DEVICE LUMINAIRE TYPES, QUANTITIES, AND LOCATIONS.
5. WIRE EMERGENCY FIXTURES EXIT SIGNS AND EMERGENCY FIXTURE BATTERY BACKUP PACKS UPSTREAM OF ANY SWITCHING DEVICES.
6. ALL EMERGENCY LIGHTING SHALL UTILIZE INTEGRAL BATTERY PACKS.
7. DEMOLISH LIGHTING, CONTROLS, AND ASSOCIATED CIRCUITRY IN KITCHEN, SERVERY, AND ADJACENT AREAS WITHIN LIMITS OF WORK BACK TO SOURCE EXCEPT WHERE INDICATED TO REMAIN OR TO BE MODIFIED. COORDINATE WITH THE EARLY DEMOLITION WORK THAT OCCURRED FOR THIS PROJECT.

KEYNOTES

1. REPLACE EXISTING EXIT SIGN IN SAME LOCATION WITH INDICATED EXIT SIGN.
2. RELAMP EXISTING LUMINAIRED WITH LED LAMPS. RE-WORK EXISTING LIGHTING CIRCUIT TO CONTROL LUMINAIRS FROM INDICATED CONTROL DEVICES.
3. THIS SPACE IS NOT IN SCOPE. MAINTAIN OPERABILITY OF LIGHTING IN THIS SPACE.
4. SEE SHEETS EP401 AND EP403 FOR LIGHTING CIRCUIT CONTINUATION AND HOME RUN.

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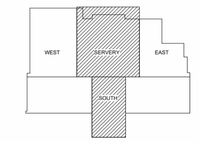
KEYPLAN



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RDY	RCC

DATE
12/2/2025

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TITLE
ENLARGED LIGHTING PLANS

PROJECT NUMBER
202406

SHEET NUMBER
EL402

GMP SET

A EL402 SERVERY & SOUTH LTG PLAN
3/16" = 1'

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ATLANTA, GA

Drawing Type: Layout	Prepared For: REVISED SUBMITTAL FOR RECORD & RELEASE

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Project#	76662 / 25-76942
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Sheet:	EL402 SERVERY & SOUTH LTG PLAN

WIRE LEGEND EL403 EAST LTG PLAN	
	CAT5 nLight CAT5e nLight Pre-terminated CAT5e cable for nLight communication network

LAi Lighting Associates inc

PRODUCT LEGEND EL403 EAST LTG PLAN			
4	nCP 10		OS2 NCM PDT 10 RJB Low Voltage Ceiling Mount Sensor, Passive Dual Technology, Large Motion / Extended Range 360° Lens, Rear RJ-45 Ports
1	nECY ENC		SC1 NECY MVOLT ENC nLight Eclypse, 120-277 VAC, 14 1/4"H x 14 1/4"W x 4"D metal enclosure for ECLYPSE EnergySyte or nLight ECLYPSE.
3	$XA PDT	SA	SO1 WSXA PDT SA IV Wall Switch Sensor, Passive Dual Technology, Vacancy (default) or Auto-On
2	nPOD MA		SW6 NPODMA IV nLight Wired Aesthetic Wallpod

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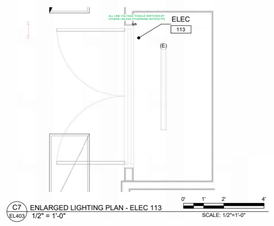
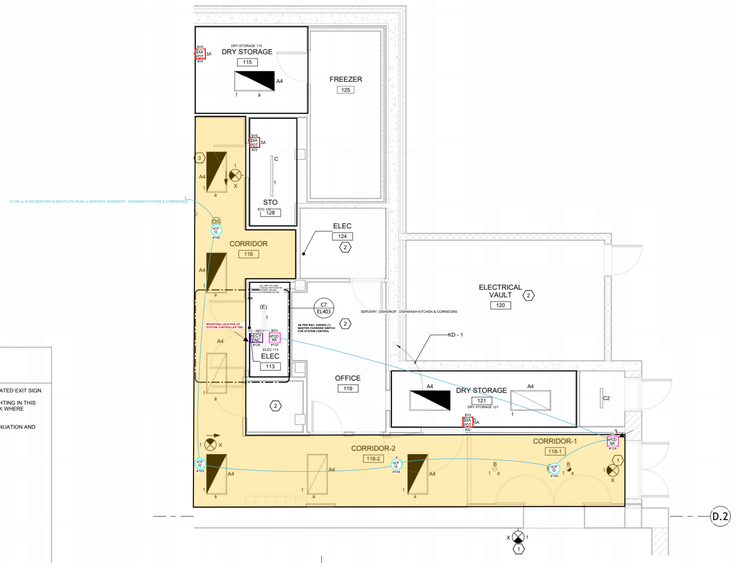
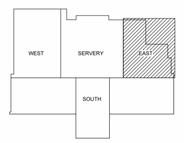


C7 EL403 ENLARGED LIGHTING PLAN - ELEC 113
1/2" = 1'-0"
SCALE: 1/2"=1'-0"



A5 EL403 EAST LIGHTING PLAN
1/4" = 1'-0"
SCALE: 1/4"=1'-0"

KEYPLAN



GENERAL SHEET NOTES

1. ENCLOSED SPACES HAVE INDEPENDENT LIGHTING CONTROLS.
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3. LUMINAIRE TYPE MARK WITH HALF SHADE INDICATES EMERGENCY LUMINAIRE. PROVIDE INTEGRAL BATTERY UNIT WIRED SO THAT POWER LOSS INITIATES OPERATION OF BATTERY UNIT TO HALF LUMEN OUTPUT MINIMUM.
4. LIGHTING CONTROL STRATEGIES ARE DIAGRAMMATIC ONLY TO SHOW CONTROL INTENT AND DEVICES INVOLVED. REFER TO LIGHTING FLOOR PLANS ON SHEET FOR ACTUAL LIGHTING LAYOUTS, CIRCUITS, CONTROL ZONES, AND DEVICE LUMINAIRE TYPES, QUANTITIES, AND LOCATIONS.
5. WIRE EMERGENCY FIXTURES EXIT SIGNS AND EMERGENCY FIXTURE BATTERY BACKUP PACKS UPSTREAM OF ANY SWITCHING DEVICES.
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KEYNOTES

1. REPLACE EXISTING EXIT SIGN IN SAME LOCATION WITH INDICATED EXIT SIGN.
2. THIS SPACE IS NOT IN SCOPE. MAINTAIN OPERABILITY OF LIGHTING IN THIS SPACE. COORDINATE EXISTING LIGHTING WITH CEILING WORK WHERE APPLICABLE.
3. SEE SHEETS EP401 AND EP402 FOR LIGHTING CIRCUIT CONTINUATION AND HOME RUN.

A EL403 EAST LTG PLAN
3/16" = 1'

GEORGIA INSTITUTE OF TECHNOLOGY
BRITTAIN DINING HALL RENOVATION
649 TECHWOOD DRIVE NW
ATLANTA, GA 30308

GEORGIA INSTITUTE OF TECHNOLOGY BRITTAIN DINING HALL
ATLANTA, GA

DRAWN BY	CHECKED BY
RDY	RCC

DATE
12/2/2025

REVISION

TITLE
ENLARGED LIGHTING PLANS

PROJECT NUMBER
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EL403

GMP SET

Drawing Type: Layout	Prepared For: REVISED SUBMITTAL FOR RECORD & RELEASE

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C	4/17/2026
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Drawn By:	EJUERS
Project#	26662 / 25-76942
DWG Ref:	
Sheet:	EL403 EAST LTG PLAN

WIRE LEGEND
EL701 FIXTURES & SOO

PRODUCT LEGEND
EL701 FIXTURES & SOO

THIS SHEET FOR REFERENCE - NO LIGHTING CONTROLS ARE SHOWN

LIGHTING CONTROL DEVICES ARE NOT RATED DAMP OR WET LOCATIONS. CONFIRMED BY EC 4/17/26

INTERIOR LIGHTING LUMINAIRE SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	SERIES	LAMP	LUMENS	VOLTAGE	INPUT POWER	CONTROLS	DIMMING	CRI	CCT	MOUNTING	MOUNTING HEIGHT	COMMENTS
A	2'X4' RECESSED FLAT PANEL	ACUITY BRANDS LIGHTING	EPANL	LED	5547 lm	120 V	49 VA	0-10V	10%	80	3500 K	RECESSED	FLUSH WITH CEILING	DAMP LOCATION RATED. IP5X RATED.
A2	2'X2' RECESSED FLAT PANEL	ACUITY BRANDS LIGHTING	EPANL	LED	4730 lm	120 V	45 VA	0-10V	10%	80	3500 K	RECESSED	FLUSH WITH CEILING	FOOD SERVICE RATED.
A3	2'X4' RECESSED FLAT PANEL	ACUITY BRANDS LIGHTING	EPANL	LED	5547 lm	120 V	49 VA	0-10V	10%	80	3500 K	RECESSED	FLUSH WITH CEILING	FOOD SERVICE RATED.
A4	2'X4' RECESSED FLAT PANEL	ACUITY BRANDS LIGHTING	EPANL	LED	3915 lm	120 V	38 VA	0-10V	10%	80	3500 K	RECESSED	FLUSH WITH CEILING	DAMP LOCATION RATED. IP5X RATED.
A5	2'X2' RECESSED FLAT PANEL	ACUITY BRANDS LIGHTING	EPANL	LED	3964 lm	120 V	38 VA	0-10V	10%	80	3500 K	RECESSED	FLUSH WITH CEILING	DAMP LOCATION RATED. IP5X RATED.
B	4" RECESSED DOWNLIGHT	ACUITY BRANDS LIGHTING	EVO4	LED	2517 lm	120 V	36 VA	0-10V	10%	80	4000 K	RECESSED	FLUSH WITH CEILING	WIPE DOWN FLUSH POLYCARBONATE LENS. WET LOCATION.
B2	4" RECESSED WALLWASH	ACUITY BRANDS LIGHTING	EVO4LW	LED	1360 lm	120 V	20 VA	0-10V	10%	80	4000 K	RECESSED	FLUSH WITH CEILING	WIPE DOWN FLUSH POLYCARBONATE LENS. WET LOCATION.
C	48" LED STRIP LIGHT	ACUITY BRANDS LIGHTING	ZL1F L48	LED	3797 lm	120 V	39 VA	0-10V	10%	80	3500 K	SUSPENDED	8' 6" AFF	
C2	24" LED STRIP LIGHT	ACUITY BRANDS LIGHTING	ZL1F L24	LED	2682 lm	120 V	30 VA	0-10V	10%	80	3500 K	SUSPENDED	8' 6" AFF	
F	EXISTING DECORATIVE PENDANT	N/A	N/A	LED	1993 lm	120 V	34 VA	0-10V	10%	N/A	3500 K	PENDANT	EXISTING	
X	EXIT SIGN	ACUITY BRANDS LIGHTING	EXRG	LED	0 lm	120 V	5 VA	0-10V	N/A	N/A	N/A	N/A	8' AFF	MOUNT USING UNIVERSAL MOUNTING AS INDICATED ON DRAWINGS. PROVIDE WHITE HOUSING WITH GREEN LETTERING.

SEQUENCE OF OPERATION:

CORRIDOR: LIGHTING IS CONTROLLED WITH A COMBINATION OF MANUAL SWITCH, TIMECLOCK, AND OCCUPANCY SENSORS.
A. OPERATIONAL HOURS THE LIGHTING TURNS ON TO 100% UPON OCCUPANCY AND DIMS TO 50% WHEN NO OCCUPANCY IS DETECTED FOR 20 MINUTES.
B. AFTER OPERATIONAL HOURS: THE TIMECLOCK TURNS THE LIGHTING OFF AFTER OPERATIONAL HOURS. THE TIMECLOCK TURNS THE LIGHTING OFF AFTER OPERATIONAL HOURS. THE MANUAL SWITCH OVERRIDES THE LIGHTING FOR 30 MINUTES (ADJUSTABLE) DURING WHICH TIME THE LIGHTING RESPONDS TO OCCUPANCY SENSOR OPERATION. THE TIMECLOCK TURNS OFF THE LIGHTING AFTER THE OVERRIDE TIME EXPIRES.
C. THE LUMINAIRES EQUIPPED WITH EMERGENCY BATTERIES TURN ON TO 100% UPON LOSS OF NORMAL POWER REGARDLESS OF LIGHTING CONTROL SCHEME.

KITCHEN/SERVERY/DINING ENTRY: LIGHTING IS CONTROLLED WITH A COMBINATION OF MANUAL DIMMER SWITCH AND TIMECLOCK.
A. OPERATIONAL HOURS: LIGHTING TURNS ON AND IS ADJUSTABLE WITH MANUAL DIMMER SWITCH.
B. AFTER OPERATIONAL HOURS: THE TIMECLOCK TURNS THE LIGHTING OFF AFTER OPERATIONAL HOURS. THE MANUAL SWITCH OVERRIDES THE LIGHTING FOR 30 MINUTES (ADJUSTABLE) DURING WHICH TIME THE LIGHTING RESPONDS TO THE MANUAL DIMMER SWITCH. THE TIMECLOCK TURNS OFF THE LIGHTING AFTER THE OVERRIDE TIME EXPIRES.
C. THE LUMINAIRES EQUIPPED WITH EMERGENCY BATTERIES TURN ON TO 100% UPON LOSS OF NORMAL POWER REGARDLESS OF LIGHTING CONTROL SCHEME.

ALL EM LIGHT FIXTURES INCLUDE BATTERY BACKUP FOR EMERGENCY CONTROL. BATTERY BACKUP DOES NOT PROVIDE 100% FULL ON IN THE EVENT OF A POWER LOSS. SEE FIXTURE SPEC SHEETS FOR BATTERY BACKUP DETAILS

A EL701 FIXTURES & SOO
3/16" = 1'

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DRAWN BY: RDY | CHECKED BY: RCC
DATE: 12/2/2025
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TITLE: LUMINAIRE DETAILS
PROJECT NUMBER: 202406
SHEET NUMBER: EL701
GMP SET

GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL
ATLANTA, GA

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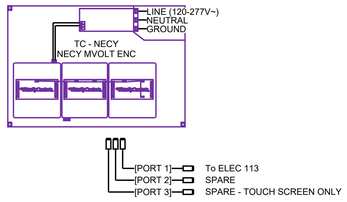
Project#Z76662 / 25-76942
DWG Ref:

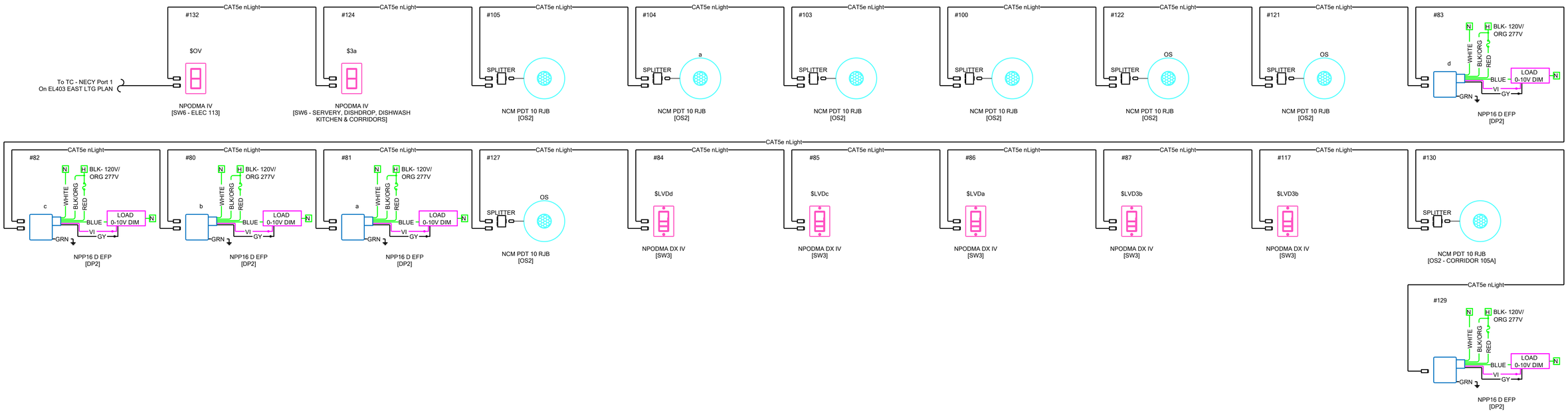
Sheet: EL701 FIXTURES & SOO

#125



1 Network Riser - TC - NECY

EL403 EAST LTG PLAN



2 TC - NECY Port 1 - ELEC 113

EL401 WEST LTG PLAN, EL402 SERVERY & SOUTH LTG PLAN , EL403 EAST LTG PLAN

GEORIGIA INSTITUTE TECHNOLOGY BRITTAIN DINING HALL

ATLANTA, GA

Drawing Type: Riser

Prepared For: REVISED SUBMITTAL FOR RECORD & RELEASE

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Scale: NOT TO SCALE
Drawn By: EJUERS
Project#: 26662 / 25-76942
DWG Ref:

Sheet: Riser 1

OVERVIEW

The nLight nPP16 EFP family of power packs is the workhorse of an nLight system, delivering robust system performance and design versatility for commercial and industrial lighting control applications. The nPP16 EFP family is capable of switching loads via an internal latching relay designed with robust protection from the harsh switching requirements of T5 fluorescent and LED loads. These power packs also provide nLight system bus power - up to 40mA from each of its two RJ-45 ports - by transforming Class 1 line voltage (120/277 VAC or 347 VAC) to Class 2 low voltage (15 VDC). This power is typically utilized by other nLight devices within the power pack's local control zone; however, remaining power is also made available over the network for Bridges and devices in other zones to utilize.

FEATURES

- Communicates w/ nLight Network
- Self-Contained Relay Switches Line Voltage Load
- Supplies 40mA of Bus Power / RJ-45 port
- Optional out-of-box vacancy and partial-on modes
- Remotely Configurable/Upgradeable
- Push-Button Programmable
- Configurable Relay Logic
- Extended Chase Nipple
- Plenum rated
- Includes fuse integrated to relay wirelead for protection from load faults
- Meets NEMA410 ratings for LED/electronic ballast inrush
- Programmable return to last state capability

Buy American Act
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Build America Buy America
Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

design select

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

nLIGHT

nPP16 EFP Power/Relay Pack

Model #: nPP16 (D) EFP

Design Select options indicated by this color background.

ORDERING INFORMATION

Series	Dimming	Fault Protection	Default Mode	Voltage	Temp/humidity	Buy America(n)[2]
nPP16 Power/Relay Pack	[blank] None D 0-10VDC Dimming output (via chase nipple) DS 0-10VDC Dimming output (via side slot)	EFP External Fault Protection	[blank] Auto On (Switch Ch. 1) SW2 Auto On (Switch Ch. 2) SW3 Auto On (Switch Ch. 3) SW4 Auto On (Switch Ch. 4) SA Manual On (Switch Ch. 1) SA2 Manual On (Switch Ch. 2) PA70 Auto On to 70% (Partial On)[1] PA Auto On to 50% (Partial On)[1]	[blank] 120/277VAC 230 220-240VAC 347 120/347VAC	[blank] Standard LT Low temp	[blank] Standard BAA Buy America(n) Act and/or Build America Buy America Qualified

ACCESSORIES

NPP FUSE J10	Replacement Fuse

Notes:
1. Requires D or DS option.
2. Not available with 230, 347, or LT options.

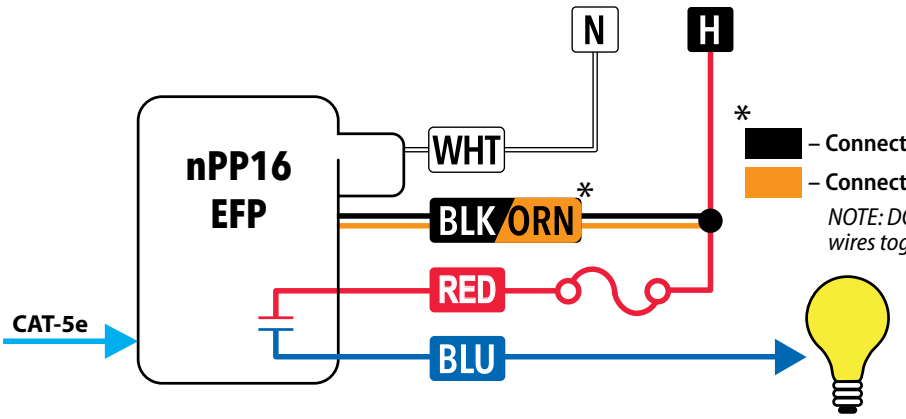
SPECIFICATIONS

Electrical	**Input Ratings**	120/277VAC, 50/60 Hz 220-240VAC, 50/60Hz (with 230 option) 120/347VAC, 50/60 Hz (with 347 option)
	Output Ratings	120/277VAC, 50/60 Hz 220-240VAC, 50/60Hz (with 230 version) 120/347VAC, 50/60 Hz (with 347 version) 16A - Tungsten, Standard Ballast, Electronic Ballast, General Purpose 120VAC, 50/60 Hz, 1/2 HP -Motor SCCR: 5KA 100mA, 0-10VDC Dimming Sink Current
	Relay Type	Latching
	Low Voltage Output Ratings	15VDC, 40mA per RJ-45 Port (80mA total)
	Class Rating	0-10V Dimming can be wired Class 1 or 2
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	3.38"H x 2.53"W x 1.83"D (86mm x 64mm x 47mm) - does not include ½" chase nipple
	Mounting	1/2" Knockout (7/8" hole)
	Color	White
	Connection Type	RJ-45 nLight Network Ports (2) Non-Dimming Model: Line Voltage Leads Dimming Model: Line and Low Voltage Leads
Environmental	**Warrantied Operating Temperature**	Standard: 14°F to 122°F (-10°C to 50°C) Standard: 14°F to 113°F (-10°C to 45°C) if enclosed within a junction box LT option: -4°F to 122°F (-20°C to 50°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS, Plenum UL2043
General	**Standards/ Ratings**	System Component to aid in compliance with Title 24, ASHRAE 90.1, IECC

WIRING

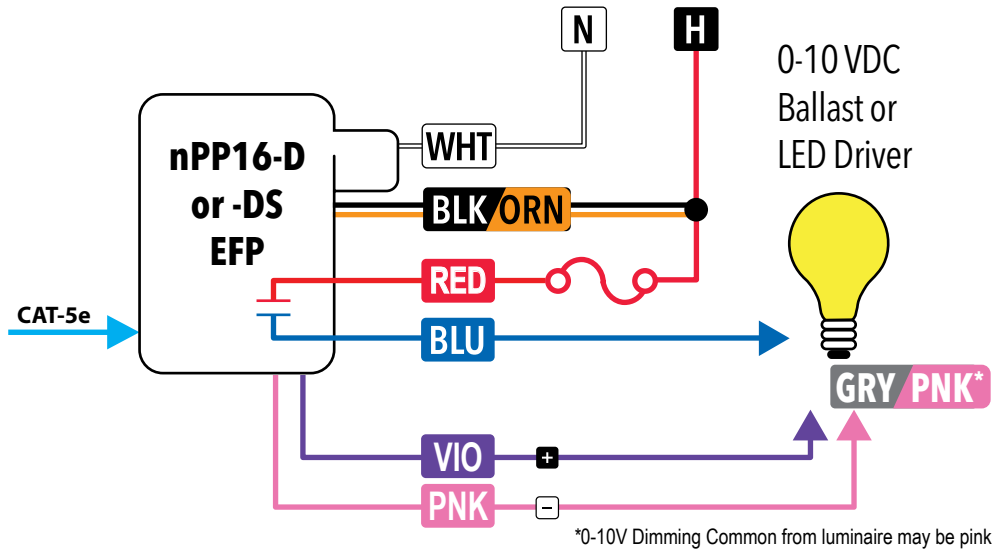
T568B pin/pair assignment is recommended for all CAT-5e cables. For Supply Connections, use 14 AWG or larger wires rated for at least 90° C.

Diagram for non-dimming units



LEGEND	Base (120/277VAC)	230 (220/240VAC)	347 (120/347VAC)
WHT	Neutral		
BLK	120VAC	N/A	120VAC
ORN	277VAC	220-240VAC	347VAC
RED	120/277VAC	220-240VAC	120/347VAC
BLU	Load (Switched Out)		

Diagram for units with a dimming option (-D or -DS suffix)



LEGEND	Base (120/277VAC)	230 (220/240VAC)	347 (120/347VAC)
WHT	Neutral		
BLK	120VAC	N/A	120VAC
ORN	277VAC	220-240VAC	347VAC
RED	120/277VAC	220-240VAC	120/347VAC
BLU	Load (Switched Out)		
VIO	0-10V Dim (+)		
PNK*	0-10V Com (-)		

NOTE: If there is a GREEN wire present, connect to earth ground.

*0-10V Dimming Common from luminaire may be pink or as otherwise indicated per section 410.69 of the 2020 NEC.

OVERVIEW

The nCM xx RJB family of nLight ceiling/surface mount occupancy sensors provide a range of networked sensor solutions for applications with finished ceilings (e.g. ceiling tiles, sheetrock, plaster). nCM xx RJB family sensors utilize 100% digital Passive Infrared (PIR) detection and are available with several lens options, providing flexibility for multiple mounting height and coverage pattern requirements. Dual technology occupancy detection can also be added as an option for applications where occupants are stationary for long periods of time. nCM xx RJB family sensors are also available with an optional auxiliary low voltage relay for simple integration with a BMS system or other building system.

nCM xx RJB family sensors are powered via the nLight network bus and typically communicate with one or more nLight enabled luminaires (e.g. Lithonia VTLED Series) or nLight relay/dimming packs to enable control of fixtures individually or in groups. These configurations work standalone and do not require a connection to a larger nLight network.

FEATURES

- 100% digital PIR detection
- Optional dimming photocell (ADCX option)
- Optional auxiliary low voltage relay (AR option) for dry contact output – relay only tracks occupancy by default, ignoring switch and photocell commands
- LED status indicator
- Adjustable settings (e.g. occupancy time delays, photocell set-points) via push-button or SensorView software application
- Broadcasts occupancy and photocell information over a local nLight channel
- Remotely upgradeable firmware

Buy American Act
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Build America Buy America
Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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

Specifications subject to change without notice.

A+ Capable

This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit www.acuitybrands.com/aplus.

design select

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

nLIGHT

nCM xx RJB
nCM PDT xx RJB

nCM 9 RJB
nCM PDT 9 RJB

nCM 10 RJB
nCM PDT 10 RJB

nCM 6 RJB

BABA BAA A+ CAPABLE c UL us LISTED

Design Select options indicated by this color background.

ORDERING INFORMATION

nCM xx RJB				Example: nCM PDT 9 ADCX RJB
Series / Detection	**Coverage Type**	**Options (See Below)**	**RJ45 Port Location**	**Buy America(n)[2]**
nCM PIR Detection nCM PDT Dual Tech (PIR/ Microphonics)	9 Small Motion 360° 10 Large Motion 360 ° 6 High Mount 360° (not available with PDT version)		RJB Rear RJ45 (CAT5e patch cable & RJ45 splitter included)	blank Standard BAA Buy America(n) Act and/or Build America Buy America Qualified

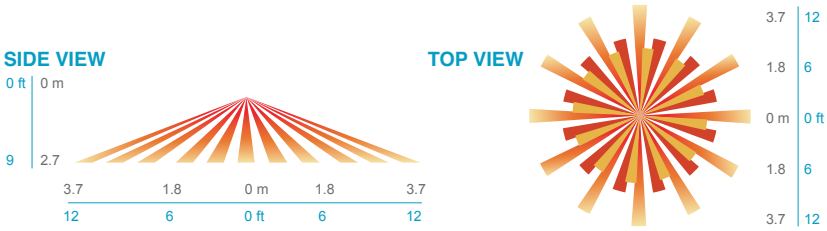
nCM xx RJB Options				
Photocell	**Auxiliary Relay**	**Preset Type[1]**	**Time Delay**	**Temp/ Humidity**
[blank] Standard (No photocell) ADCX Automatic Dimming Control (of remote dimming output)	[blank] None AR Low Voltage Aux. Relay	[blank] Single Time Delay 2P Dual Time Delay	[blank] Standard 15M 15 Minutes 20M 20 Minutes 30M 30 Minutes	[blank] Standard LT Low Temp / High Humidity

NOTES:
1. Not available with **AR** or **ADCX** options.
2. Not available with AR, 2P, Time Delay, or LT options.

COVERAGE PATTERNS*

SMALL MOTION 360° (Model # nCM 9/nCM PDT 9[1])

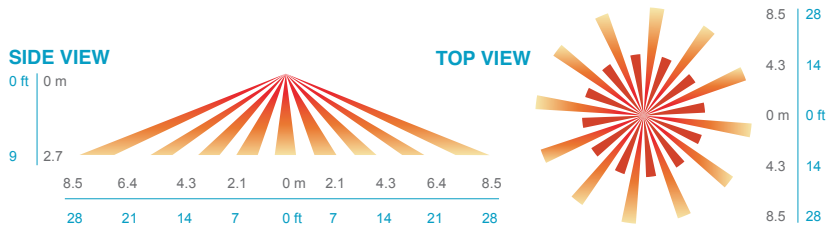
- Best choice for small motion (e.g. hand movements) detection
- 360° conical shaped pattern
- Provides 12 ft (3.66 m) radial coverage (~500 ft²) when mounted to standard 9 ft (2.74 m) ceiling
- 8 to 15 ft (2.44 to 4.57 m) mounting heights provide 10 to 20 ft (3.05 to 6.10 m) radial coverage
- Tested to NEMA WD 7-2011



[1] Sensors with Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on.

LARGE MOTION 360° (Model # nCM 10/nCM PDT 10[1])

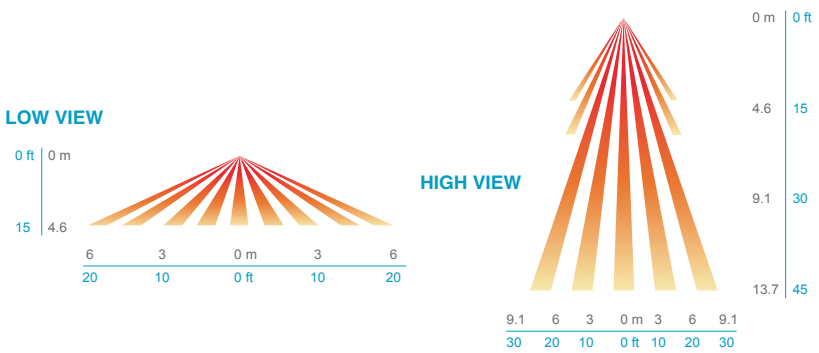
- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Detection range improves when walking across beams compared to into beams
- Tested to NEMA WD 7-2011



[1] Sensors with Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on.

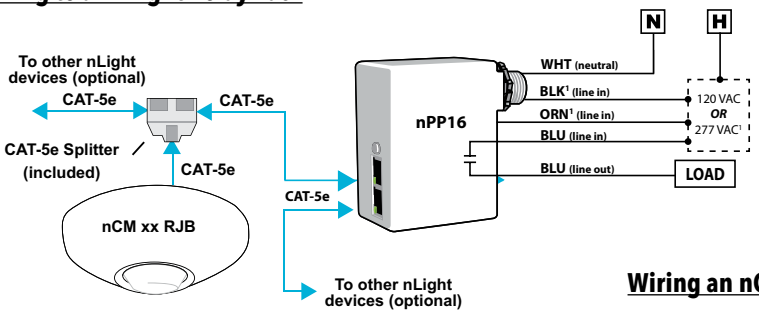
HIGH MOUNT 360° (Model # nCM 6)

- Best choice for 15 to 45 ft (4.57 to 13.72 m) mounting heights
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Excellent detection of large motion (e.g. walking) up to 35 ft (10.76 m)
- Excellent detection of extra large motion (e.g. forklifts) up to a 45 ft (13.72 m)
- Tested to NEMA WD 7-2011

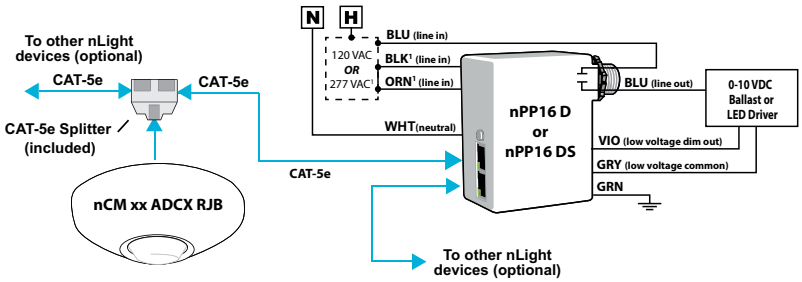


TYPICAL APPLICATIONS

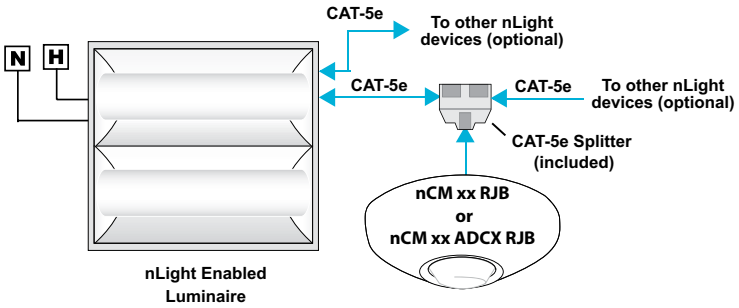
Wiring to an nLight Relay Pack



Wiring an nCM xx ADCX RJB to an nLight Dimming Pack



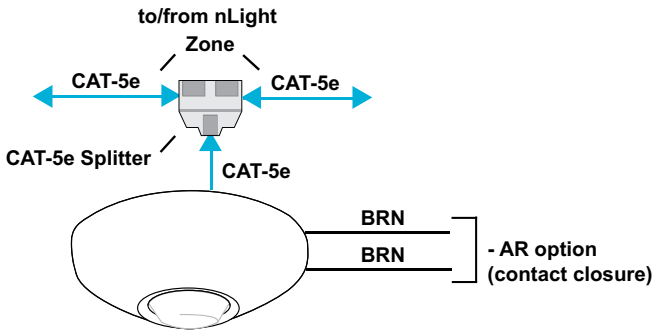
Wiring to an nLight Enabled Luminaire



TYPICAL APPLICATIONS

The following instructions are for mounting sensor directly to a ceiling tile or sheetrock surface.[1] Sensor's mounting holes also align with standard round fixture or single gang handy box (screws not provided).

1. Using template included with unit, mark spots on ceiling tile/sheetrock for cable hole and mounting anchors/screws
2. Drill 1/2" hole through ceiling surface at location indicated on template
3. Insert provided anchors into ceiling surface at locations indicated on template
4. Remove provided RJ-45 splitter from sensor's attached CAT5e cable and then thread cable (and low voltage wires if **-AR** option included) through hole from underside
5. Mount sensor to anchors using two screws provided
6. Attach provided RJ45 splitter device (model **CAT5 Y**) above ceiling to cable from sensor (see diagram on right)
7. Interconnect CAT-5e cables to/from rest of nLight zone to RJ45 splitter[2]
8. Once power is received via CAT-5e connection, all devices in zone will automatically begin functioning together according to each device's defaults
9. Install decorative sensor lid by rotating clockwise
10. Refer to included instruction card for default settings and directions on push-button programming.



Note:

1. Recommended mounting 4' or more away from HVAC vents.
2. T568B pin/pair assignment is recommended for all CAT-5e cables. Sensor power is provided via a CAT-5e connection to an nLight power pack/supply, nLight enabled digital luminaire, or nLight Bridge.

SPECIFICATIONS

Electrical	**Input Ratings**	15-24VDC, 3mA, Class 2 (nLight network power)
	Output Ratings	24 VAC/VDC, 1A - Resistive (AR option)
	Relay Type	Latching (AR option)
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	4.55"W x 1.55"D (116mm x 40mm)
	Mounting	Single-Gang or Octagonal Box, Surface Mount
	Color	White
	Finish	Matte
	Connection Type	RJ-45 nLight Network Ports (2 ports via included RJ-45 splitter) Low-Voltage Leads (AR option)
Environmental	**Warrantied Operating Temperature**	Standard: 14°F to 176°F (-10°C to 80°C) PDT option: 14°F to 140°F (-10°C to 60°C) LT option: -4°F to 176°F (-20°C to 80°C) PDT LT options: -4°F to 140°F (-20°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS
General	**Standards/ Ratings**	System Component to aid in compliance with Title 24, ASHRAE 90.1, IECC

OVERVIEW

The nLight ECLYPSE™ system controller connects an nLight® lighting network to support connectivity and management over an IP network, control and device setting adjustment, integration with building management, integration with demand response, and more.

FEATURES

- Communicates over IP, allowing the system controller and connected lighting controls devices to be accessed and configured across a local area network
- Each system controller supports up to 750 nLight and nLight AIR devices. Additional controllers can connect and scale a system of lighting controls to a maximum of 20,000 devices
- BACnet Testing Laboratories (BTL) listed as a BACnet Building Controller (B-BC)
- Can be discovered and managed through free SensorView software and through an onboard web GUI
- Provides time-of-day and astronomical time clock capabilities for scheduled lighting control events
- Manages forwarding of global control channels and system profiles to affect devices on multiple controllers at the same time
- Enhanced security through toggleable HTTP or HTTPS connections, a FIPS 140-2, Level 1 compliant security interface, SSO or Radius Server capabilities, and more
- Optional demand response client allows activation of configurable load shed dimming levels by utility DRAS through OpenADR 2.0a

Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

BACnet is a registered trademark of ASHRAE. ASHRAE does not endorse, approve or test products for compliance with ASHRAE standards. Compliance of listed products to the requirements of ASHRAE Standard 135 is the responsibility of BACnet International (BI). BTL is a registered trademark of BI.

Patents:
- US9819544B2
- EP3250970B1
- EP3139697B1
- US9924243B2
- US10073423B2
- US9608538B2
- CA2971061A1

nLight ECLYPSE™
System Controller

ORDERING INFORMATION

NECY									Example: NECY MVOLT BAC ENC
Series		**Voltage**		**BACnet**		**AutoDR**		**Visualization Software**	
nECY	nLight ECLYPSE	MVOLT	120-277VAC	[blank]	Not Enabled	[blank]	Not Enabled	[blank]	Not Enabled
		347	120-277VAC, 347VAC	BAC	BACnet/IP & MS/TP Enabled	ADR	Open ADR VEN	SVS[1]	Envysion

Cellular Modem		**Enclosure**		**Wi-Fi Adapter**		**Options**	
[blank]	No Cellular Modem	ENC	NEMA Type 1 metal enclosure	[blank]	Includes Wi-Fi Adapter	[blank]	None
REM[5]	Prewired CLAIRITY™ Link router with cellular SIM			NW	No Wi-FI Adapter Included	SEP	Single Ethernet Port
REMR[2,5]	Prewired CLAIRITY™ Link router with cellular SIM and cloud-toggleable relay					GFXK[3]	Touchscreen interface (model nGWY2 GFX, mounted separately), PS 150 power supply, CAT5 cable
						AIR[4]	Includes NECYD NLTAIR G2

ACCESSORIES	
nECY ENC	NEMA 1 Enclosure and pre-mounted 120-277VAC input, 24VDC output (Max 50W) power supply
nECYD NLTAIR G2	nLight AIR wireless adapter
nECYREPL INTF	nLight Interface module (introduces 750 device limit if added to an ECLYPSE with AIR option)

Notes

1. Requires BACnet option.
2. Cloud-toggleable relay is prewired and intended to powercycle the nLight ECLYPSE remotely.
3. If 347 voltage option is selected, includes PS150 347.
4. AIR option supports 150 devices. RJ45 ports for connecting nLight wired devices are not available with the AIR option. GFXK option is not available with AIR option.
5. 347 option is required for cellular connectivity in Canada. MVOLT versions will support connectivity in the United States and Mexico only. Active connectivity plan required for cellular connectivity. All routers ship with 12-months Ethernet connectivity enabled. See CLAIRITY Link router specification sheet for more information.
6. Cellular connectivity performance may be affected by carrier coverage and antenna placement. Coverage by supported carriers should be verified prior to purchase.
7. See the Specifications section for a list of all supported carriers per country.
8. Use of default SIM included with hardware is required for REMCONN CELL connectivity plan. REMCONN ETH does not require use of a cellular SIM but is required for connectivity with the portal using a non-standard, third-party SIM, provided by, paid for, and maintained by others. Compatibility with non-default, third party SIMs is not guaranteed or warranted.

CONNECTIVITY PLANS

Remote support via the CL**AIR**ITY Link solution is enabled through a connectivity plan (REMCONN). Purchase of a CL**AIR**ITY Link router includes an initial 12-month Ethernet connectivity plan that begins upon shipment of hardware from the factory. For extended periods of connectivity, or for cellular connectivity, supplementary plans can be purchased. Flexible plans are offered in 3-month to 24-month durations and can be purchased at any time.

FEATURES

- Flexible connectivity periods offer affordable, connected assistance from nLight technical experts
- With no hidden fees and no continuous costs, CL**AIR**ITY Link connectivity is an on-demand service that can be purchased at any time
- On-premise systems continue to operate when a connectivity plan is inactive
- Optional service plans affordably supplement the ability to remotely connect, adding comprehensive programming, sustainment, and preventative maintenance options

								Example: REMCONN ETH 24MO CAR1
Series		**Connection Type**		**Service Length**		**Supported Countries**	
REMCONN	Connectivity plan to enable remote access by factory representatives	ETH	Uses Ethernet connection to a customer-provided network with Internet access for communication with the CL**AIR**ITY Link portal	3MO	3-month length	CAR1	US, Mexico, and Canada
		CELL[6,7,8]	Includes a cellular plan to supplement or replace Ethernet connectivity for communication with the CL**AIR**ITY Link portal	6MO	6-month length		
				9MO	9-month length		
				12MO	12-month length		
				18MO	18-month length		
				24MO	24-month length		

SPECIFICATIONS

Control Module

Size:	4.74" H x 3.57" W x 2.31" D (12.03 cm x 9.07 cm x 5.86 cm)
Mounting:	DIN rail mounted
nLight ECLYPSE Assembly Size:	4.74" H x 14.76" W x 2.43" D (12.03 cm x 37.5 cm x 6.16 cm)
Ports:	Ethernet: (2) switched RJ-45 Ethernet ports USB Connections: 2 x USB 2.0 ports RS-485 Serial Communications: Screw terminals (Used for either BACnet MS/TP Subnet: RJ-45
Real Time Clock (RTC):	Real Time Clock with rechargeable battery. Supports SNTP network time synchronization
RTC Battery:	20 hours charge time, 20 days discharge time. Up to 500 charge / discharge cycles
Enclosure:	FR/ABS UL94-V0 flammability rating
Environmental:	Operating Temperature: 32°F to 122°F (0 to 50°C) Storage Temperature: -22°F to 158°F (-30 to 70°C) Relative Humidity: 0 to 90% non-condensing Ingress Protection Rating: IP20
Security:	FIPS Publication 140-2, Level 1 Compliant Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018)

nLight Network Interface Module

Size:	4.74" H x 3.20" W x 2.31" D (12.03 cm x 8.12 cm x 5.86 cm)
Mounting:	DIN rail mounted
Ports:	3 nLight bus ports (RJ-45)
nLight Bus Power Output:	0mA per port

Power Supply Module (24V)

Size:	24V: 4.74" H x 2.85" W x 2.31" D (12.03 cm x 7.24 cm x 5.86 cm)
Operating Voltage:	24V: 24VAC/DC; ±15%; Class 2
Output Voltage, Rated Current & Power:	24V: 18VDC regulated, 0-1.6A, 30W max

Enclosure

Type:	NEMA 1 rated surface mount screw cover
Size:	14.25"H x 14.25"W x 4.00"D (36.20cm x 36.20cm x 10.16cm)
Rating:	UL 2043 (Plenum) Rated

CLAIRITY Link Router

Size:	2.92"H x 3.27"W x 0.99"D (74mm x 83mm x 25mm)
Power Consumption:	< 6.5W
Input Voltage Range:	9-30VDC
Mobile:	4G LTE - up to 150Mbps 3G - up to 42Mbps 2G - up to 236.8kbps United States - ATT, T-Mobile/Sprint, US Cellular, Alaska Wireless Mexico - Telefonica Canada - Tellus, Bell, SaskTel[6]
Ethernet:	WAN - 10/100Mbps; connects to an owner-provided, Internet-connected network. May be used for nLight ECLYPSE controller discovery on the same network. LAN-10/100Mbps; used for discovery of nLight ECLYPSE controllers that are connected to a network without Internet connectivity Wireless Mode - IEEE 802.11b/g/n Security - WPA2-Enterprise Wi-Fi Hotspot - used for modem and SIM diagnostics Wi-Fi Client - not supported
Environmental:	Operating temperature - -40C to 75C Operating humidity - 10% to 90% non-condensing Storage temperature - -45C to 75C
Security:	Firewall - pre-configured firewall Attack Prevention - DDOS prevention, port scan prevention WEB filter - whitelist for specifying allowed sites only Access control - control of TCP, UDP, ICMP packets, MAC address filter Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018)
Ingress Protection	IP30
Regulatory	FCC, IC/ISED, EAC, RCM, PTCRB, RoHS, CE/RED, WEEE, Wi-Fi Certified, CCC, Anatel, GCF, REACH, Thailand NBTC, Ukraine UCRF, SDPPI (POSTEL)
Antennas:	Mobile - 698-960/1710-2690 MHz, SMA male connector Wi-Fi - 2400-2483.5 MHz, SMA male connector
Input/Output	Input - 1x digital, non-isolated input (on 4 pin power connector) Output - 1 x digital, open collector output (30 V, 300 mA, on 4 pin power connector)
SIM	1 x SIM slot (Mini SIM – 2FF), 1.8V/3V, external SIM holder
Dimensions	83 x 25 x 74 mm

COMMUNICATION

Ethernet Connection Speed:	10/100 Mbps
Addressing:	IPv4 or Hostname
BACnet Profile:	BACnet Building Controller (B-BC)
BACnet Listing:	BTL, B-BC
BACnet Interconnectivity:	BBMD forwarding capabilities BACnet/IP to BACnet MS/TP routing
BACnet Transport Layer:	MS/TP & IP (optional)
Web Server Protocol:	HTML5
Web Server Application Interface:	REST API

Supported BACnet MS/TP Connectivity:

- 1 x RS-485 serial communications port for BACnet MS/TP
- RS-485 EOL Resistor – Built-in
- RS-485 Baud Rates – 9600, 19200, 38400, or 76800 bps

Supported Wireless Connectivity:

- Wireless Adapter – USB Port Connection
- Wi-Fi Communication Protocol – IEEE 802.11b/g/n
- Wi-Fi Network Types – Client, Access Point, Hotspot

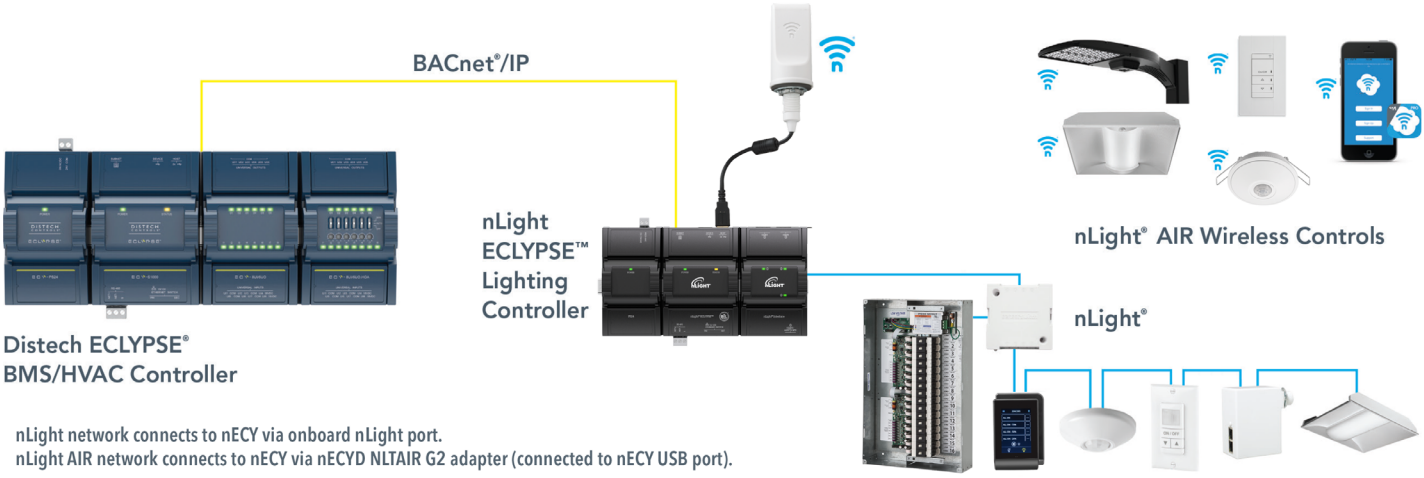
SYSTEM ARCHITECTURE

The nLight ECLYPSE serves as the backbone for nLight and nLight AIR digital lighting networks. The nLight ECLYPSE provides networked devices with schedule management and remote software programming via SensorView web-based software. The backbone also provides support for system-wide controls such as master override switches, automated demand response, and BACnet integration. One nLight ECLYPSE is capable of handling up to 750 total devices and up to 128 global channels for the entire network. The nLight ECLYPSE is also compatible with other Distech ECLYPSE products, offering a full suite of BAS capabilities.

ENVYSION
Lighting Control and Visualization

Space Utilization
Edge Application

SensorView
Lighting Configuration



nLight network connects to nECY via onboard nLight port.
nLight AIR network connects to nECY via nECYD NLTAIR G2 adapter (connected to nECY USB port).

HVAC Integration with ECLYPSE and Third Party Controllers

Lighting Management and Control Through Web Applications

Connection with nLight Wired and nLight AIR Devices

EXAMPLE NLIGHT ECLYPSE NOMENCLATURE AND OPTIONS

Example Nomenclature	Connection to Wired Devices	Maximum of 150 Wireless Devices	Maximum of 750 Wireless Devices	All License Options Available (BAC, SVS, SVEA)
NECY MVOLT ENC	✓	No AIR Adapter	No AIR Adapter	✓
NECY MVOLT ENC + NECYD NLTAIR G2	✓	Not Limited at 150	✓	✓
NECY MVOLT ENC AIR	No Wired Interface Module	✓	Reduced Capability	✓
NECY MVOLT ENC AIR + NECYREPLY INTF	✓	Not Limited at 150	✓	✓

OVERVIEW

The WSXA Family of wall switch occupancy sensors provides simple and cost effective solutions for commercial and residential lighting control applications. All WSXA Family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20 ft (6.10 m), making them perfect for private offices, private restrooms, closets, copy rooms, or any other small enclosed space. Additionally, all WSXA Family sensors have a patent-pending wiring method that enables them to function either with or without a neutral connection. WSXA units come pre-configured for wiring without a neutral, however if connection to neutral is required by code, contractors can convert the unit in seconds.

MULTI-WAY (MWO)

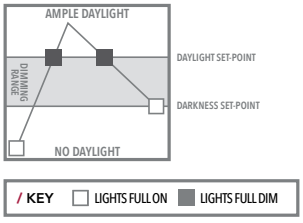
Our new WSXA MWO series allows for multi-location On/Off or 0-10 dimming up to 9 devices (2 device limit when neutral-less wiring used) on a single traveler.

FEATURES

- Single Pole devices can be programmed with Sensor Switch VLP app or traditional push button programming
- WSXA MWO can be used in conjunction with sPODMRA MWO
- Devices can be spaced up to 250 ft with MWO option
- MWO option support up to 9 additional MWO enabled devices (2 neutral-less) on a single traveler
- Compatible w/LEDs, electronic & magnetic ballasts, CFLs, & incandescents
- 100% passive detection, no potential for interference with other building systems
- Small motion detection to up to 20 ft, Large motion detection up to 36ft
- Push-button programmable without removing cover plate - adjustable time delays & operating modes
- Dual technology (PDT) utilizes PIR/Microphonics™ detection (patented)
- Device accommodates powering over ground or neutral connection (patent pending)
- Fully meets NEC 2017 Section 404.2C neutral requirements - no current leakage to ground when connected to neutral
- Line power and load wires are interchangeable - impossible to wire backwards (patented)
- Integrated Photocell (disabled by default) prevents light from turning on if sufficient daylight is present
- New aesthetic with vandal resistant lens

ADAPTIVE DAYLIGHT HARVESTING (ADH)

With Sensor Switch's Adaptive Daylight Harvesting (ADH), automatic dimming has never been more reliable - even in a wall switch. It works by establishing two state change set-points; daylight and darkness. The light level in the space will then be automatically maintained by intelligently controlling the dim level of the electric light source. Set-points can be established using the "Set Now" option or programmed using desired light levels as measured in foot candles (fc).



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Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

design select

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

sensorswitch

WSXA Series
Wall Switch Sensor

WSXA/WSXA MWO
On/Off
Single Relay

WSXA D/WSXA MWO D
On/Off/Dimming
Single Relay

WSXA 2P FAN
On/Off Dual Relay

Available on the App Store
ANDROID APP ON Google play
VLP
TITLE 24 PART 6
c UL us LISTED

Design Select options indicated by this color background.

ORDERING INFORMATION

WSXA Single Pole

Example: WSXA MWO PDT D WH

Series Option		Detection Mode		eldoLED		Dimming [7]		Operating Mode [3]	
WSXA	Wall Switch Sensor (Occupancy and Daylighting)	[blank]	Passive Infrared (PIR)	[blank]	none	[blank]	On/Off	[blank]	Automatic on (default) or Vacancy
WSXA MWO	WSXA with Multi-way Operation	PDT	Dual Technology	EZ [2]	eldoLED Driver Compatibility	D	Dimming	SA	Manual On (default) or Automatic On
								VA	Vacancy
								ASL [3,4]	Automatic Start Level 5VDC

Voltage		Color [5]				Max Dim Level [6,7]		Min Dim Level [6,7]				Temp / Humidity	
[blank]	120-277 VAC	WH	White	AL	Light Almond	[blank]	10 VDC	[blank]	0 VDC	4V	4 VDC	[blank]	Standard
347	347 VAC	IV	Ivory	BK	Black	9H	9 VDC	1V	1 VDC	5V	5 VDC	LT	Low Temp/ High Humidity
		GY	Gray	RD	Red	8H	8 VDC	2V	2 VDC	6V	6 VDC		
						7H	7 VDC	3V	3 VDC				

Notes:

1 Max Dim Level default set to 9.1VDC. Min Dim Level default set to 1.5VDC.
2 EZ only available with D option.
3 Operating Modes re-programmable via push-button except for VA version.
4 Not available with EZ, Max Dim, or Min Dim Level. Also requires the D option.
5 Matching wall plate provided for 120-277 VAC units.
6 Only available with D option.
7 Minimum order qty of 30 units for Max or Min Dim Level settings. Additional time may be required.

WSXA 2P

Example: WSXA 2P FAN WH LT

Series Option		Detection Mode		Poles		Fan [2]		Operating Mode [3]	
WSXA	Wall Switch Sensor (Occupancy and Daylighting)	[blank]	Passive Infrared(PIR)	2P [1]	2 Poles	[blank]	No Fan	[blank]	Pole 1 auto-on Pole 2 Manual On
		PDT	Passive Dual Technology			FAN	Fan Operation	2SA	Both poles Manual On (default)
								2VA	Both poles vacancy (only)

Voltage		Run Time [4]		Color [5]				Temp/Humidity	
[blank]	120-277 VAC	[blank]	Pole 1 Lights Pole 2 Fan	WH	White	AL	Lt. Almond	[blank]	Standard
347	347 VAC	ASHRT	Pole 1 Lights Pole 2 Fan, Minimum Fan Run Time per Ashrae 62.2	IV	Ivory	RD	Red	LT	Low Temp/ High Humidity
				GY	Gray	BK	Black		

Notes:

1 2P does not have VLP functionality.
2 If Fan Operation is selected Operating Mode must be blank.
3 Operating Modes re-programmable via push-button except for VA version.
4 Only available if 2P FAN is selected.
5 Matching wall plate provided for 120-277VAC Units.

SSW

Example: SSW 1GNG OCC WH

Series		Number of Gangs		Mount		Color	
SSW	Sealed Screwless Wall-Plate	1GNG	Single Gang	[blank]	Standard Wall Switch	WH	White
				OCC	Occ. Wall Switch		

WALLP

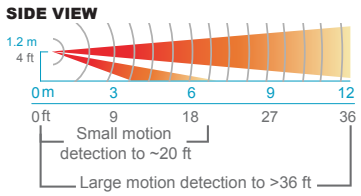
Series		Color				Multi-Pack Size	
WALLP1	Screwless Wall Plate Single Gang	WH	White	AL	Light Almond	M5	(5 Wall Plates)
WALLP2	Screwless Wall Plate Dual Gang	IV	Ivory	BK	Black		
		GY	Gray	RD	Red		

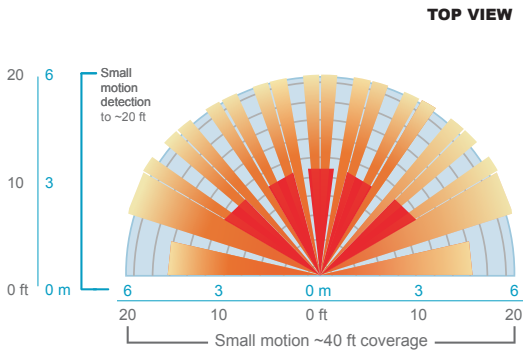
SPECIFICATIONS

Electrical	**Input Ratings**	120-277VAC, 50/60 Hz 347VAC, 50/60 Hz (with 347 option)
	Output Ratings	120VAC, 800W, 6.7A - Tungsten, Standard Ballast, Electronic Ballast 277VAC, 1200W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 347VAC, 1500W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 120/277/347VAC, 1/4 HP - Motor
	Relay Type	Latching
	Low Voltage Output Ratings	0-10VDC, Sinks <50mA
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box
	Connection Type	Low-Voltage Leads, Line-Voltage Leads
Environmental	**Warrantied Operating Temperature**	32°F to 140°F (0°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS

COVERAGE PATTERNS

- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft2
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft2
- Wall-to-wall PIR coverage
- Units with -PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.
- Tested to NEMA WD 7-2011

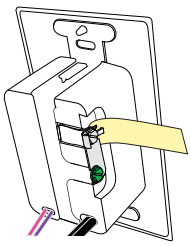




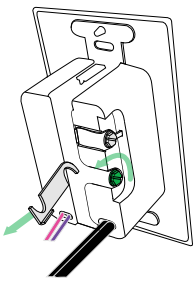
CONVERSION FROM GROUND ONLY (NO NEUTRAL) TO NEUTRAL WIRING

This product is pre-configured for wiring without a neutral; however, if connection to neutral is required by code, the unit easily converts in seconds.

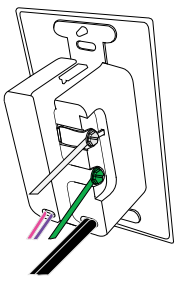
Step 1:
Remove Yellow Label



Step 2:
Loosen Screws and Remove Metal Link



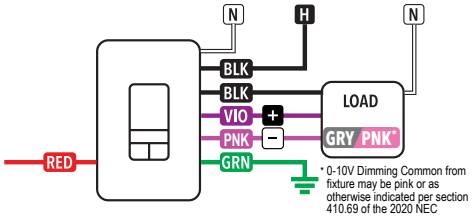
Step 3:
Connect Neutral to Silver Screw and Ground to Green Screw



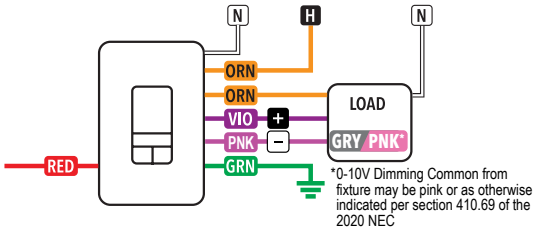
WIRING

CONVERTIBLE NEUTRAL

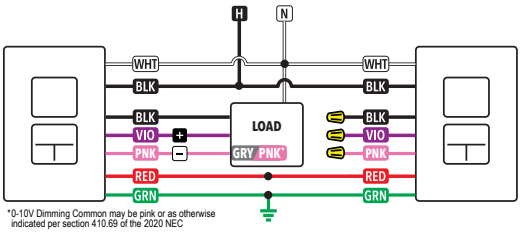
SINGLE RELAY, 120-277 VAC



SINGLE RELAY, 347 VAC

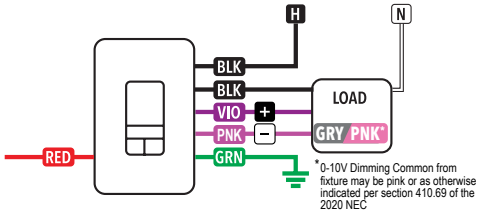


SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC

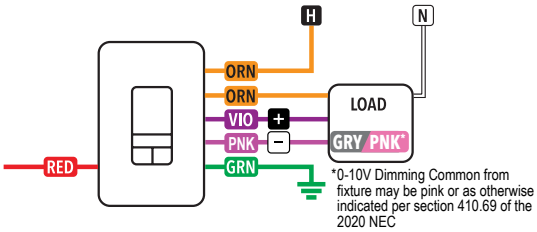


GROUND ONLY

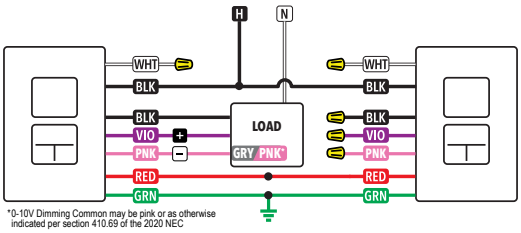
SINGLE RELAY, 120-277 VAC



SINGLE RELAY, 347 VAC



SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC



WIRE COLOR KEY

120-277 VAC WIRING

BLK	-	Line Input
BLK	-	Line Output
VIO	-	Low Voltage Dim Output (0-10 VDC)
PNK	-	Low Voltage Common
RED	-	Low Voltage Communication Wire

347 VAC WIRING (-347 Option)

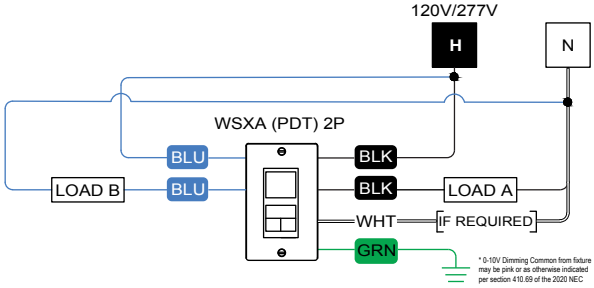
Orange (ORN) wires replace black (BLK) wires

***Some Pink wires may come as Gray

Notes:

- All load controls act in unison
- Black wires can be used interchangeably
- Violet and pink wires are not present on devices without D option
- Cap off violet and pink wires if dimming functionality is not being used
- Red Wire is not present on devices without MWO option
- Cap off red wire if Multi-Way functionality is not being used
- For ground Multi-Way Configurations ground must come from same source
- For neutral conversion Multi-Way Configurations power must come from the same panel
- Per NEC requirements, the 0-10V violet and pink wires must be installed as Class One.
- SPODMRA MWO paired with WSXA MWO will act accordingly with WSXA occupancy settings
- The 0-10V control wires must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- The Low Voltage Communication BUS must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- Dimming wires from individual MWO devices should only connect with fixture/driver dimming wires and never to another MWO device

2 POLE CONFIGURATION



Notes:

- Unit will draw power from either line connection.
- When switching 277 VAC or 347 VAC on both relays, the line inputs must be of the same phase.
- For dual relay, both relays must be fed from the same circuit.

Acuity Brands | One Lithonia Way Conyers, GA 30012 Phone: 800.535.2465 www.acuitybrands.com/sensorswitch

OVERVIEW

The WSXA Family of wall switch occupancy sensors provides simple and cost effective solutions for commercial and residential lighting control applications. All WSXA Family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20 ft (6.10 m), making them perfect for private offices, private restrooms, closets, copy rooms, or any other small enclosed space. Additionally, all WSXA Family sensors have a patent-pending wiring method that enables them to function either with or without a neutral connection. WSXA units come pre-configured for wiring without a neutral, however if connection to neutral is required by code, contractors can convert the unit in seconds.

MULTI-WAY (MWO)

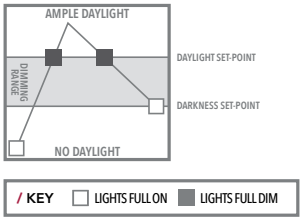
Our new WSXA MWO series allows for multi-location On/Off or 0-10 dimming up to 9 devices (2 device limit when neutral-less wiring used) on a single traveler.

FEATURES

- Single Pole devices can be programmed with Sensor Switch VLP app or traditional push button programming
- WSXA MWO can be used in conjunction with sPODMRA MWO
- Devices can be spaced up to 250 ft with MWO option
- MWO option support up to 9 additional MWO enabled devices (2 neutral-less) on a single traveler
- Compatible w/LEDs, electronic & magnetic ballasts, CFLs, & incandescents
- 100% passive detection, no potential for interference with other building systems
- Small motion detection to up to 20 ft, Large motion detection up to 36ft
- Push-button programmable without removing cover plate - adjustable time delays & operating modes
- Dual technology (PDT) utilizes PIR/Microphonics™ detection (patented)
- Device accommodates powering over ground or neutral connection (patent pending)
- Fully meets NEC 2017 Section 404.2C neutral requirements - no current leakage to ground when connected to neutral
- Line power and load wires are interchangeable - impossible to wire backwards (patented)
- Integrated Photocell (disabled by default) prevents light from turning on if sufficient daylight is present
- New aesthetic with vandal resistant lens

ADAPTIVE DAYLIGHT HARVESTING (ADH)

With Sensor Switch's Adaptive Daylight Harvesting (ADH), automatic dimming has never been more reliable - even in a wall switch. It works by establishing two state change set-points; daylight and darkness. The light level in the space will then be automatically maintained by intelligently controlling the dim level of the electric light source. Set-points can be established using the "Set Now" option or programmed using desired light levels as measured in foot candles (fc).



Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

design select

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

sensorswitch

WSXA Series
Wall Switch Sensor

WSXA/WSXA MWO
On/Off
Single Relay

WSXA D/WSXA MWO D
On/Off/Dimming
Single Relay

WSXA 2P FAN
On/Off Dual Relay

Available on the App Store
ANDROID APP ON Google play
VLP
TITLE 24 PART 6
c UL us LISTED

Design Select options indicated by this color background.

ORDERING INFORMATION

WSXA Single Pole

Example: WSXA MWO PDT D WH

Series Option		Detection Mode		eldoLED		Dimming [7]		Operating Mode [3]	
WSXA	Wall Switch Sensor (Occupancy and Daylighting)	[blank]	Passive Infrared (PIR)	[blank]	none	[blank]	On/Off	[blank]	Automatic on (default) or Vacancy
WSXA MWO	WSXA with Multi-way Operation	PDT	Dual Technology	EZ [2]	eldoLED Driver Compatibility	D	Dimming	SA	Manual On (default) or Automatic On
								VA	Vacancy
								ASL [3,4]	Automatic Start Level 5VDC

Voltage		Color [5]				Max Dim Level [6,7]		Min Dim Level [6,7]				Temp / Humidity	
[blank]	120-277 VAC	WH	White	AL	Light Almond	[blank]	10 VDC	[blank]	0 VDC	4V	4 VDC	[blank]	Standard
347	347 VAC	IV	Ivory	BK	Black	9H	9 VDC	1V	1 VDC	5V	5 VDC	LT	Low Temp/ High Humidity
		GY	Gray	RD	Red	8H	8 VDC	2V	2 VDC	6V	6 VDC		
						7H	7 VDC	3V	3 VDC				

Notes:

1 Max Dim Level default set to 9.1VDC. Min Dim Level default set to 1.5VDC.
2 EZ only available with D option.
3 Operating Modes re-programmable via push-button except for VA version.
4 Not available with EZ, Max Dim, or Min Dim Level. Also requires the D option.
5 Matching wall plate provided for 120-277 VAC units.
6 Only available with D option.
7 Minimum order qty of 30 units for Max or Min Dim Level settings. Additional time may be required.

WSXA 2P

Example: WSXA 2P FAN WH LT

Series Option		Detection Mode		Poles		Fan [2]		Operating Mode [3]	
WSXA	Wall Switch Sensor (Occupancy and Daylighting)	[blank]	Passive Infrared(PIR)	2P [1]	2 Poles	[blank]	No Fan	[blank]	Pole 1 auto-on Pole 2 Manual On
		PDT	Passive Dual Technology			FAN	Fan Operation	2SA	Both poles Manual On (default)
								2VA	Both poles vacancy (only)

Voltage		Run Time [4]		Color [5]				Temp/Humidity	
[blank]	120-277 VAC	[blank]	Pole 1 Lights Pole 2 Fan	WH	White	AL	Lt. Almond	[blank]	Standard
347	347 VAC	ASHRT	Pole 1 Lights Pole 2 Fan, Minimum Fan Run Time per Ashrae 62.2	IV	Ivory	RD	Red	LT	Low Temp/ High Humidity
				GY	Gray	BK	Black		

Notes:

1 2P does not have VLP functionality.
2 If Fan Operation is selected Operating Mode must be blank.
3 Operating Modes re-programmable via push-button except for VA version.
4 Only available if 2P FAN is selected.
5 Matching wall plate provided for 120-277VAC Units.

SSW

Example: SSW 1GNG OCC WH

Series		Number of Gangs		Mount		Color	
SSW	Sealed Screwless Wall-Plate	1GNG	Single Gang	[blank]	Standard Wall Switch	WH	White
				OCC	Occ. Wall Switch		

WALLP

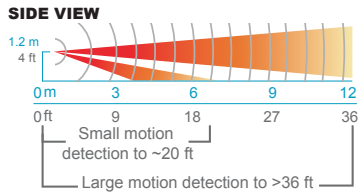
Series		Color				Multi-Pack Size	
WALLP1	Screwless Wall Plate Single Gang	WH	White	AL	Light Almond	M5	(5 Wall Plates)
WALLP2	Screwless Wall Plate Dual Gang	IV	Ivory	BK	Black		
		GY	Gray	RD	Red		

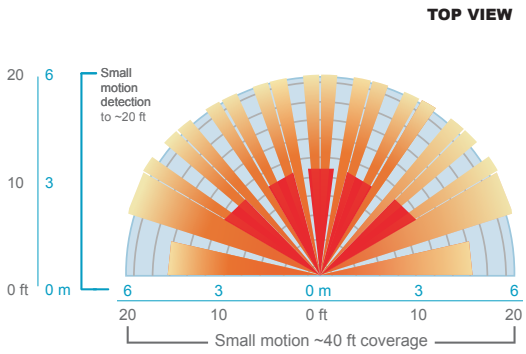
SPECIFICATIONS

Electrical	**Input Ratings**	120-277VAC, 50/60 Hz 347VAC, 50/60 Hz (with 347 option)
	Output Ratings	120VAC, 800W, 6.7A - Tungsten, Standard Ballast, Electronic Ballast 277VAC, 1200W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 347VAC, 1500W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 120/277/347VAC, 1/4 HP - Motor
	Relay Type	Latching
	Low Voltage Output Ratings	0-10VDC, Sinks <50mA
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box
	Connection Type	Low-Voltage Leads, Line-Voltage Leads
Environmental	**Warrantied Operating Temperature**	32°F to 140°F (0°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS

COVERAGE PATTERNS

- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft2
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft2
- Wall-to-wall PIR coverage
- Units with -PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.
- Tested to NEMA WD 7-2011

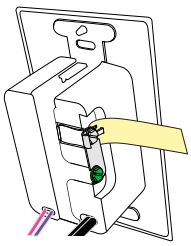




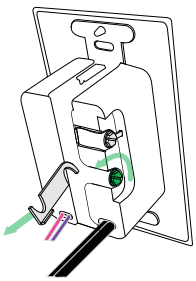
CONVERSION FROM GROUND ONLY (NO NEUTRAL) TO NEUTRAL WIRING

This product is pre-configured for wiring without a neutral; however, if connection to neutral is required by code, the unit easily converts in seconds.

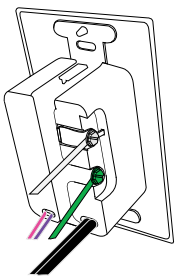
Step 1:
Remove Yellow Label



Step 2:
Loosen Screws and Remove Metal Link



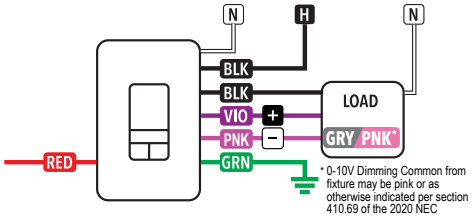
Step 3:
Connect Neutral to Silver Screw and Ground to Green Screw



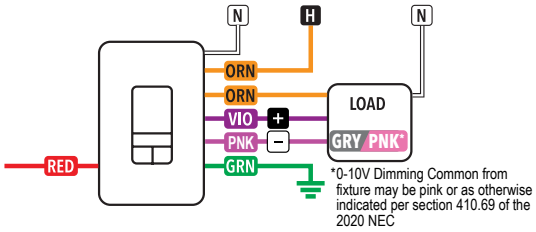
WIRING

CONVERTIBLE NEUTRAL

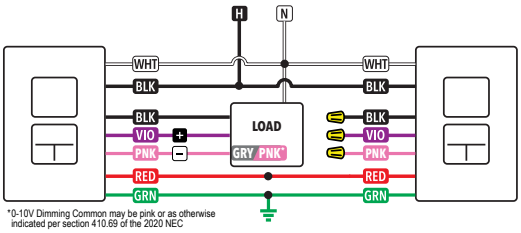
SINGLE RELAY, 120-277 VAC



SINGLE RELAY, 347 VAC

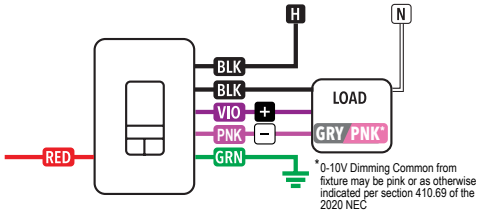


SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC

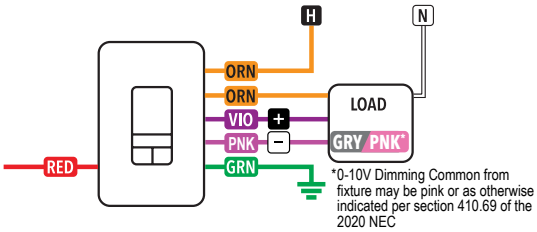


GROUND ONLY

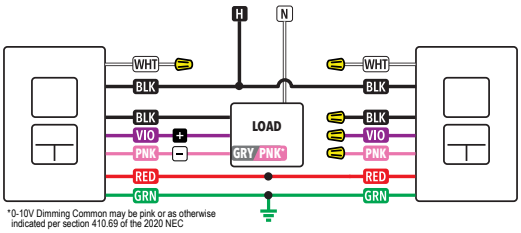
SINGLE RELAY, 120-277 VAC



SINGLE RELAY, 347 VAC



SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC



WIRE COLOR KEY

120-277 VAC WIRING

BLK	-	Line Input
BLK	-	Line Output
VIO	-	Low Voltage Dim Output (0-10 VDC)
PNK	-	Low Voltage Common
RED	-	Low Voltage Communication Wire

347 VAC WIRING (-347 Option)

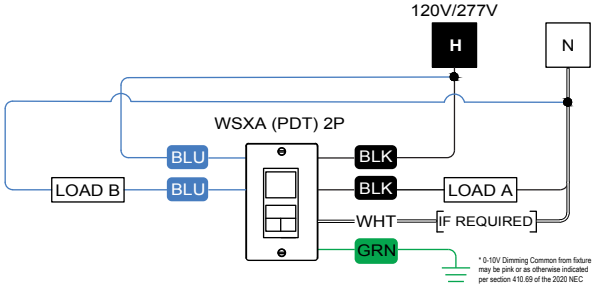
Orange (ORN) wires replace black (BLK) wires

***Some Pink wires may come as Gray

Notes:

- All load controls act in unison
- Black wires can be used interchangeably
- Violet and pink wires are not present on devices without D option
- Cap off violet and pink wires if dimming functionality is not being used
- Red Wire is not present on devices without MWO option
- Cap off red wire if Multi-Way functionality is not being used
- For ground Multi-Way Configurations ground must come from same source
- For neutral conversion Multi-Way Configurations power must come from the same panel
- Per NEC requirements, the 0-10V violet and pink wires must be installed as Class One.
- SPODMRA MWO paired with WSXA MWO will act accordingly with WSXA occupancy settings
- The 0-10V control wires must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- The Low Voltage Communication BUS must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- Dimming wires from individual MWO devices should only connect with fixture/driver dimming wires and never to another MWO device

2 POLE CONFIGURATION



Notes:

- Unit will draw power from either line connection.
- When switching 277 VAC or 347 VAC on both relays, the line inputs must be of the same phase.
- For dual relay, both relays must be fed from the same circuit.

OVERVIEW

The nPODMA Series WallPods are single gang nLight-enabled decorator wall switches that enable toggle/raise/lower/scene control of lighting zones. Equipped with soft-click push-buttons, and a green LED indicator for each button, these devices allow field replaceable and custom engraved button options. nPODMA WallPods communicate with other nLight devices, via CAT-5e cable, through RJ-45 connectors and can be daisy-chained to work with nLight power packs and/or nLight-enabled fixtures to provide switch control operations.

The scene control option presents a convenient method of selecting a custom lighting control scene for spaces in which installed, or requesting a global profile scene be run across several remote zones. By default, scene control wall switches are configured as on/off toggle switches and are to be customized programmatically through the SensorView software.

*In order to utilize a blink warning, system gateway and additional programming is required.

FEATURES

- Communicates with nLight network
- Remotely configurable/upgradeable
- Soft-click push-button control
- Sets lights to one of two or four preset levels with single button push (nPODMA xL versions only)
- Scene controllers run locally stored scenes or global scenes (stored on gateway)
  - Capable of Programming 4 Different Scene Types
    - Local "Profile" Scene – Modifies the operational configuration of up to 80 devices in the local zone. Stopping scene will revert devices to default settings.
    - Local "Preset" Scene – Modifies on/off/dim levels for up to 16 local switch groups. Exit scene through additional "preset" scene or WallPod control.
    - Global "Profile" Scene – Modifies the operational configuration of any devices on the system. Stopping scene will revert devices to default settings. Scene is stored on the system Gateway.
    - Global "Preset" Scene – Modifies on/off/dim levels for up to 128 global switch groups. Exit scene through additional "preset" scene or WallPod control.
- Easy-to-install screwless wall plate design offers a clean, uninterrupted aesthetic for a more refined look in the space.
- A full range of color options provides a variety of choices for your building designs with the assurance that the housing and the wall plate match.
- 1, 2, or 4 channel on/off
- 1, 2, or 4 channel raise/lower
- "Dynamic" options for custom button names when pairing with Acuity Brands nTUNE fixtures

CUSTOM BUTTON ENGRAVING

- Standard Button labeling is shown on back
- Custom lettering for units can be specified and ordered at: nGrave Form
- To ensure color uniformity, ordering templates facilitate specifying all buttons on a unit as custom lettered. Replacing single buttons not recommended
- Buttons may ship separately and require field installations

A+ Capable

This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit www.acuitybrands.com/aplus.

design select

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

nLIGHT

nPODMA

Wallpod: On/Off & On/Off+Raise/Lower

Government Procurement
BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

Design Select options indicated by this color background.

ORDERING INFORMATION

nPODMA						Example: nPODMA DX WH
Series	**Poles & Scenes**	**Dimming Control**	**Dynamic**	**Color**	**Temp/Humidity**	**Buy America(n)[6][7]**
nPODMA	[blank] None 2P Two channels 4P Four channels 2L [1] Two levels 2L AB [1] High/low step control 4L [2] Four levels with raise/lower 1SB [1] 1 Scene control (2 buttons) 2S 2 Scene control (2 buttons) 2SB [1] 2 Scene control (4 buttons) 4S 4 Scene control (4 buttons) 4SB [1] 4 Scene control (8 buttons)	[blank] Standard DX On/off + raise/lower control	[blank] Standard CCT [3] Correlated color temperature GRSC [5] Grayscale COLOR [5] Color control EDUTW [4] Tuneable White	WH White IV Ivory GY Gray AL Lt Almond BK Black RD Red	[blank] Normal LT Low temp	[blank] Standard BAA Buy America(n) Act and/or Build America Buy America Qualified

ACCESSORIES					
Series	**# of Gangs**	**Mounting**	**Color**		**Packaging**
WS xPODA Wall Plates (Standard) SSW [10] Sealed Cover	1 GNG Single Gang	[blank] Standard	WH White IV Ivory GY [9] Gray AL [9] Lt Almond	BK [9] Black RD Red VP [9] Variety Pack	[blank] Single Unit [11] M5 [9] 5 Pack M6 [8,9] 6 Pack

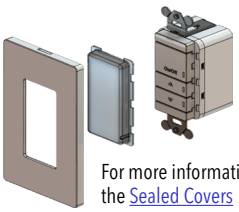
All nPODMA switches are shipped with wall plates and mounting flanges (WS XPODA), and mounting flanges (WS XPODA), however, the following order information is available to acquire replacement wall plates. Also compatible with the WALLP Series.

Notes
1. Not available with DX option.
2. Only available with DX option.
3. Only available with 2P DX version.
4. Only available with 4S and 4S DX versions.
5. Only available with 2P DX and 4S DX versions.
6. Only available in WH, IV, or GY.
7. Not available with LT option.
8. Only available for Variety Packs.
9. Not available for SSW Series.
10. Ships with custom screwless wall plate.
11. Single units only available with SSW series.

WALL SWITCH CLEANING

It will occasionally be necessary to clean the wall switches. All nPODMA switches may be wiped down with a soft cloth or paper towel dampened with glass cleaner, vinegar and water, hydrogen peroxide, or a mild abrasive. Spray a limited amount on the cloth or paper towel prior to applying. Do not spray cleaner on the switches directly, and do not wipe the switches down with a towel saturated (drips when wrung out) with cleaner.

If the ability to clean the switches using chemical spray disinfectants is desired, we recommend the use of the Sealed Screwless Wall Plate (SSW). The Sealed Screwless Wall Plate is a cover for the standard wall plate, designed with an IP54 rating. It consists of a transparent silicone rubber layer that covers the wall switch to prevent liquids from entering the wall switch while maintaining a tactile button feel. The Sealed Screwless Wall Plate is the ideal solution to help protect a wall switch from fluid entering the device while enabling the use of disinfectants recommended by the EPA for use against SARS-CoV-2, the coronavirus that causes COVID-19, which often require spraying or saturating the surface.



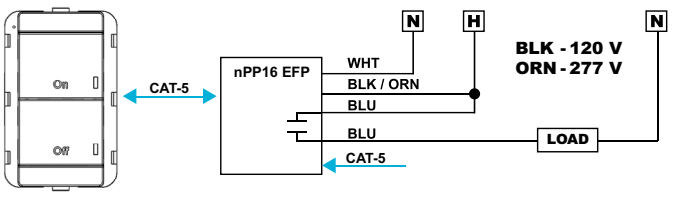
For more information on the Sealed Covers

WIRING

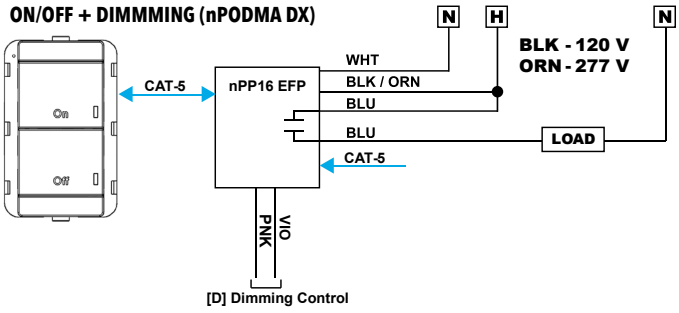
TYPICAL WIRING

Power to WallPod device is provided via the CAT-5e connection to an nLight enabled fixture, nLight power pack (e.g. **nPP16**), power supply (**nPS80**), or Bridge (**nBRG 8**).

ON/OFF

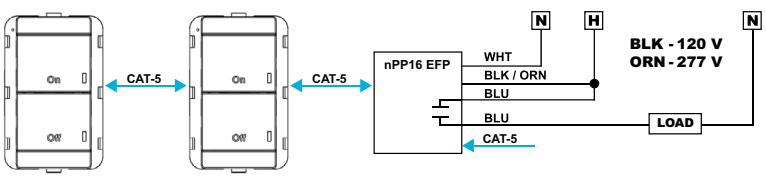


ON/OFF + DIMMMING (nPODMA DX)

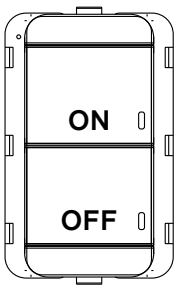


3-WAY CONFIGURATION WIRING

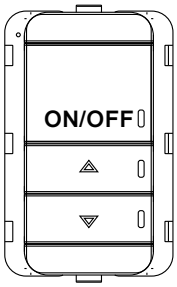
WallPods and/or nLight wall switch sensors can be configured together to create zones with multiple switching locations.



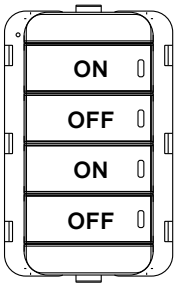
DEFAULT LABELING



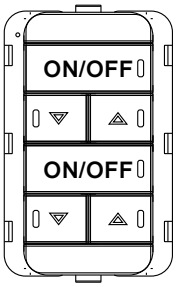
nPODMA



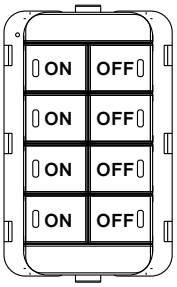
nPODMA DX



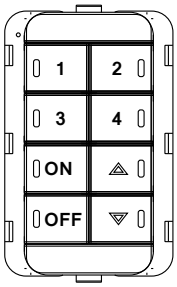
nPODMA 2P



nPODMA 2P DX



nPODMA 4P



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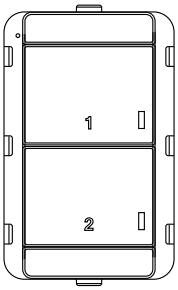

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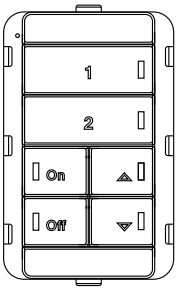

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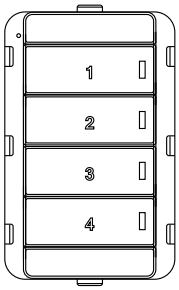

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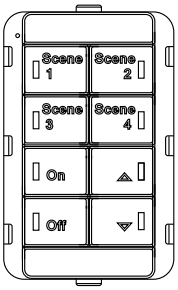

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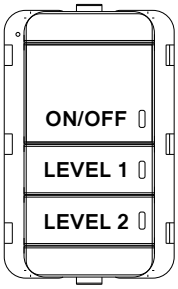
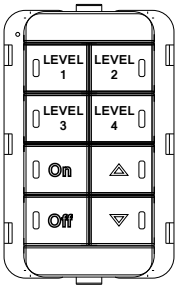


LEVEL 1 100%

LEVEL 2 50%

nPODMA 2L



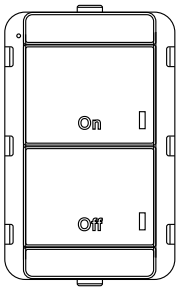
LEVEL 1 100%

LEVEL 2 75%

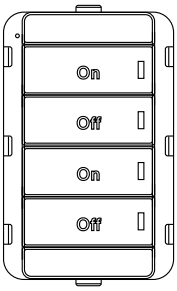
LEVEL 3 50%

LEVEL 4 25%

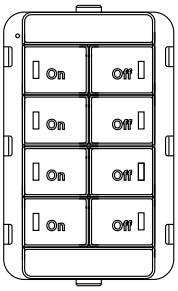
nPODMA 4L DX



nPODMA 1SB

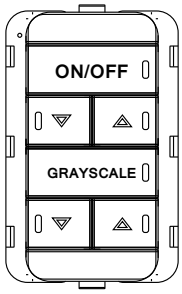


nPODMA 2SB

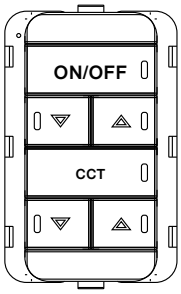


nPODMA 4SB

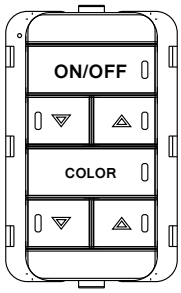
Dynamic wallpods below are paired with Acuity Brands nTUNE fixtures for out-of-box operation. Reference fixture cut sheets for additional details.



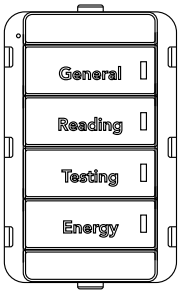
nPODMA 2P DX GRSC



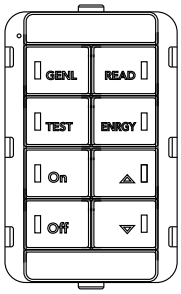
nPODMA 2P DX CCT



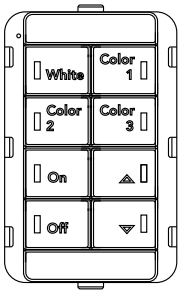
nPODMA 2P DX COLOR



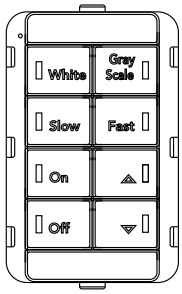
nPODMA 4S EDUTW



nPODMA 4S DX EDUTW



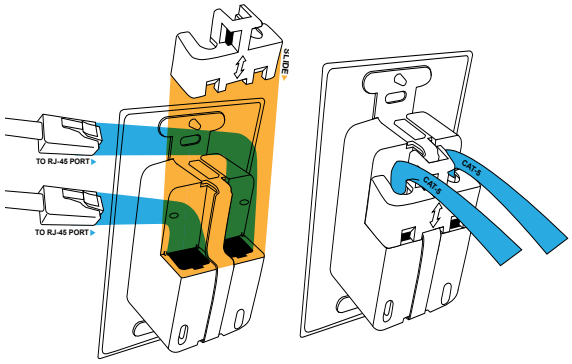
nPODMA 4S DX COLOR



nPODMA 4S DX GRSC

INSTALLATION

- Ensure CAT-5e cable(s) an effectively fed through the gang box
  - Push the CAT5e cables through the back of the gang box
- Remove the wall plate from the device by pulling the sides out to expand the wall plate and release it from the mounting flanges.
- Access RJ-45 port(s) on the WallPod by sliding the plastic guard up
- Insert the CAT-5e cable(s) to the RJ-45 port(s)
- Slide the guard back onto metal strap
- Connect the unit to the gang box
  - The unit will connect to the gang box by screws, one at the top and one at the bottom
  - To ensure correct wall plate installation, drive the screws until the mounting flanges contact the wall surface. If the screws are overdriven, the mounting flanges will disengage, preventing wall plate installation. If this happens, reattach the mounting flange(s) and install to correct position. (The flanges may be reattached by inserting the two tabs in the side of the unit and pushing the part inward to engage the three snaps.)
- Reattach the wall plate
  - Expand the wall plate horizontally
  - Place the wall plate onto the unit
  - Contract the horizontally expanded wall plate onto the unit such that the side flange features seat inside the wall plate



Attention! Only use non-booted CAT5e cables.

PROGRAMMING

- Refer to instruction card IN-11.3 for directions on programming the switch via the upper-most left push-button. All buttons are factory set to the matching switch channel (button 1 - channel 1, button 2 - channel 2, etc). For nPODMA 4P DX, channels to be controlled are selected first, then the control button (on/off or raise/lower).
- For 2L and 4L variants, the preset dim level of a button can be changed by first adjusting the light level with either the unit's raise/lower buttons (nPODM 4L DX) or via another raise/lower WallPod broadcasting on the same switch channel (necessary with a nPODM 2L). Once lights are at desired level, hold a LEVEL button for 8 seconds until the LED flashes. Levels can also be set via SensorView.

SPECIFICATIONS

Electrical	**Input Ratings**	15-24VDC, 5mA, Class 2 (nLight network power)
	Standards/Ratings	Energy Management Equipment, C-UL-US, UL916 (E167435)
Mechanical	**Dimensions**	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box or Low Voltage Ring
	Connection Type	RJ-45 nLight Network Ports (2)
Environmental	**Warrantied Operating Temperature**	32°F to 140°F (0°C to 60°C) LT Option: -4°F to 140°F (-20°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS
	Security	Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018)

OVERVIEW

The nPODMA Series WallPods are single gang nLight-enabled decorator wall switches that enable toggle/raise/lower/scene control of lighting zones. Equipped with soft-click push-buttons, and a green LED indicator for each button, these devices allow field replaceable and custom engraved button options. nPODMA WallPods communicate with other nLight devices, via CAT-5e cable, through RJ-45 connectors and can be daisy-chained to work with nLight power packs and/or nLight-enabled fixtures to provide switch control operations.

The scene control option presents a convenient method of selecting a custom lighting control scene for spaces in which installed, or requesting a global profile scene be run across several remote zones. By default, scene control wall switches are configured as on/off toggle switches and are to be customized programmatically through the SensorView software.

*In order to utilize a blink warning, system gateway and additional programming is required.

FEATURES

- Communicates with nLight network
- Remotely configurable/upgradeable
- Soft-click push-button control
- Sets lights to one of two or four preset levels with single button push (nPODMA xL versions only)
- Scene controllers run locally stored scenes or global scenes (stored on gateway)
  - Capable of Programming 4 Different Scene Types
    - Local "Profile" Scene – Modifies the operational configuration of up to 80 devices in the local zone. Stopping scene will revert devices to default settings.
    - Local "Preset" Scene – Modifies on/off/dim levels for up to 16 local switch groups. Exit scene through additional "preset" scene or WallPod control.
    - Global "Profile" Scene – Modifies the operational configuration of any devices on the system. Stopping scene will revert devices to default settings. Scene is stored on the system Gateway.
    - Global "Preset" Scene – Modifies on/off/dim levels for up to 128 global switch groups. Exit scene through additional "preset" scene or WallPod control.
- Easy-to-install screwless wall plate design offers a clean, uninterrupted aesthetic for a more refined look in the space.
- A full range of color options provides a variety of choices for your building designs with the assurance that the housing and the wall plate match.
- 1, 2, or 4 channel on/off
- 1, 2, or 4 channel raise/lower
- "Dynamic" options for custom button names when pairing with Acuity Brands nTUNE fixtures

CUSTOM BUTTON ENGRAVING

- Standard Button labeling is shown on back
- Custom lettering for units can be specified and ordered at: nGrave Form
- To ensure color uniformity, ordering templates facilitate specifying all buttons on a unit as custom lettered. Replacing single buttons not recommended
- Buttons may ship separately and require field installations

A+ Capable

This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit www.acuitybrands.com/aplus.

design select

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

nLIGHT

nPODMA

Wallpod: On/Off & On/Off+Raise/Lower

Government Procurement
BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

Design Select options indicated by this color background.

ORDERING INFORMATION

nPODMA — Example: nPODMA DX WH

Series	Poles & Scenes	Dimming Control	Dynamic	Color	Temp/Humidity	Buy America(n)[6][7]
nPODMA	[blank] None 2P Two channels 4P Four channels 2L[1] Two levels 2L AB[1] High/low step control 4L[2] Four levels with raise/lower 1SB[1] 1 Scene control (2 buttons) 2S 2 Scene control (2 buttons) 2SB[1] 2 Scene control (4 buttons) 4S 4 Scene control (4 buttons) 4SB[1] 4 Scene control (8 buttons)	[blank] Standard DX On/off + raise/lower control	[blank] Standard CCT[3] Correlated color temperature GRSC[5] Grayscale COLOR[5] Color control EDUTW[4] Tuneable White	WH White IV Ivory GY Gray AL Lt Almond BK Black RD Red	[blank] Normal LT Low temp	[blank] Standard BAA Buy America(n) Act and/or Build America Buy America Qualified

ACCESSORIES

Series	# of Gangs	Mounting	Color		Packaging
WS xPODA Wall Plates (Standard) SSW[10] Sealed Cover	1 GNG Single Gang	[blank] Standard	WH White IV Ivory GY[9] Gray AL[9] Lt Almond	BK[9] Black RD Red VP[9] Variety Pack	[blank] Single Unit[11] M5[9] 5 Pack M6[8,9] 6 Pack

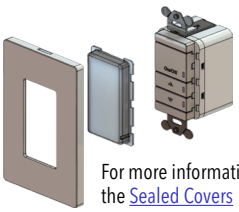
All nPODMA switches are shipped with wall plates and mounting flanges (WS XPODA), and mounting flanges (WS XPODA), however, the following order information is available to acquire replacement wall plates. Also compatible with the WALLP Series.

Notes
1. Not available with DX option.
2. Only available with DX option.
3. Only available with 2P DX version.
4. Only available with 4S and 4S DX versions.
5. Only available with 2P DX and 4S DX versions.
6. Only available in WH, IV, or GY.
7. Not available with LT option.
8. Only available for Variety Packs.
9. Not available for SSW Series.
10. Ships with custom screwless wall plate.
11. Single units only available with SSW series.

WALL SWITCH CLEANING

It will occasionally be necessary to clean the wall switches. All nPODMA switches may be wiped down with a soft cloth or paper towel dampened with glass cleaner, vinegar and water, hydrogen peroxide, or a mild abrasive. Spray a limited amount on the cloth or paper towel prior to applying. Do not spray cleaner on the switches directly, and do not wipe the switches down with a towel saturated (drips when wrung out) with cleaner.

If the ability to clean the switches using chemical spray disinfectants is desired, we recommend the use of the Sealed Screwless Wall Plate (SSW). The Sealed Screwless Wall Plate is a cover for the standard wall plate, designed with an IP54 rating. It consists of a transparent silicone rubber layer that covers the wall switch to prevent liquids from entering the wall switch while maintaining a tactile button feel. The Sealed Screwless Wall Plate is the ideal solution to help protect a wall switch from fluid entering the device while enabling the use of disinfectants recommended by the EPA for use against SARS-CoV-2, the coronavirus that causes COVID-19, which often require spraying or saturating the surface.



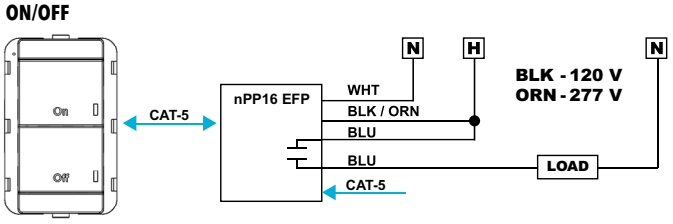
For more information on the Sealed Covers

WIRING

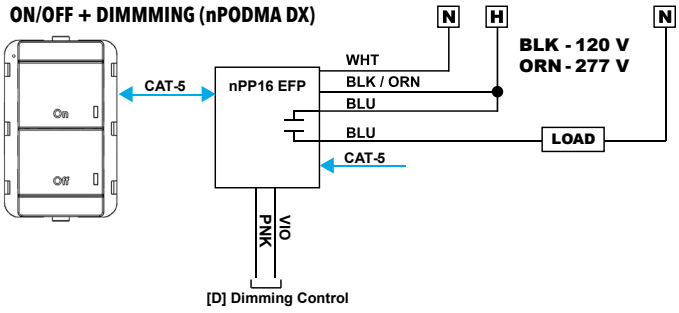
TYPICAL WIRING

Power to WallPod device is provided via the CAT-5e connection to an nLight enabled fixture, nLight power pack (e.g. **nPP16**), power supply (**nPS80**), or Bridge (**nBRG 8**).

ON/OFF

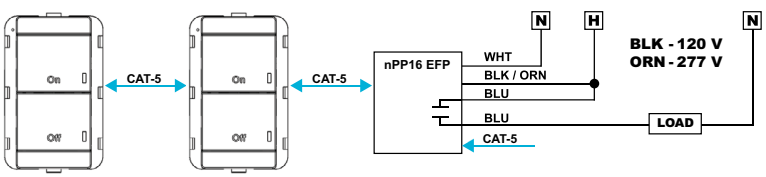


ON/OFF + DIMMMING (nPODMA DX)

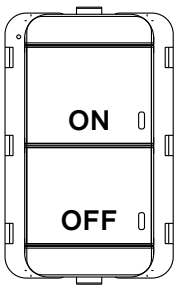


3-WAY CONFIGURATION WIRING

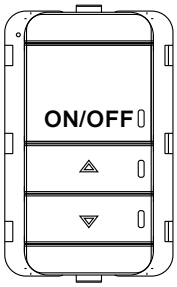
WallPods and/or nLight wall switch sensors can be configured together to create zones with multiple switching locations.



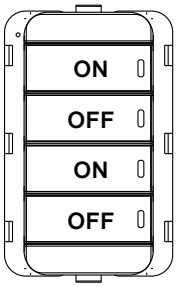
DEFAULT LABELING



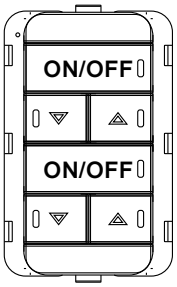
nPODMA



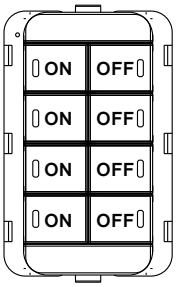
nPODMA DX



nPODMA 2P



nPODMA 2P DX



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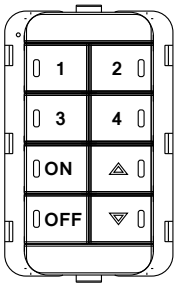

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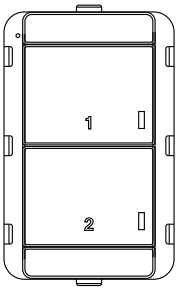
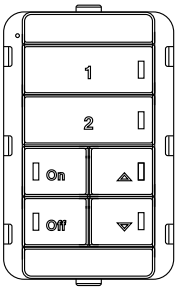
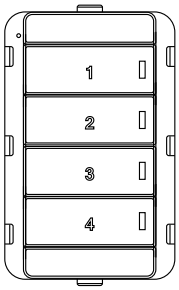


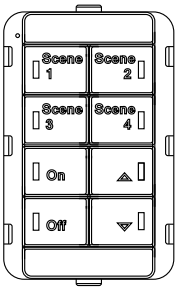
nPODMA 2S



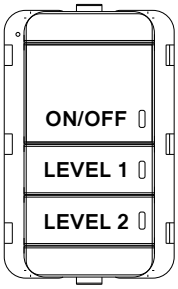
nPODMA 2S DX



nPODMA 4S



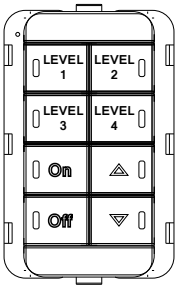
nPODMA 4S DX



LEVEL 1 100%

LEVEL 2 50%

nPODMA 2L



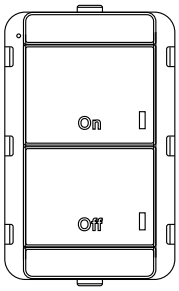
LEVEL 1 100%

LEVEL 2 75%

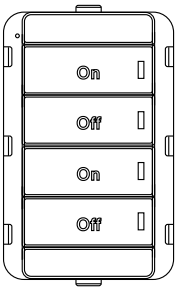
LEVEL 3 50%

LEVEL 4 25%

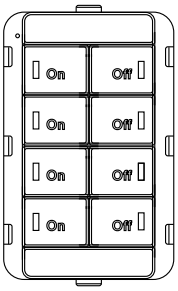
nPODMA 4L DX



nPODMA 1SB

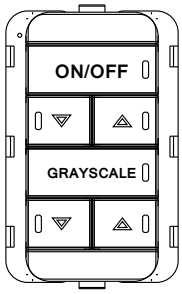


nPODMA 2SB

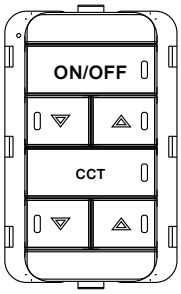


nPODMA 4SB

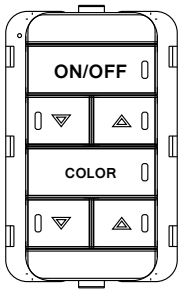
Dynamic wallpods below are paired with Acuity Brands nTUNE fixtures for out-of-box operation. Reference fixture cut sheets for additional details.



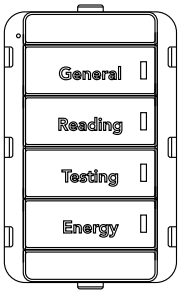
nPODMA 2P DX GRSC



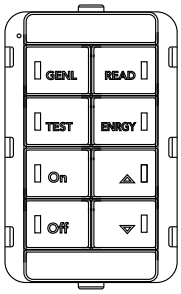
nPODMA 2P DX CCT



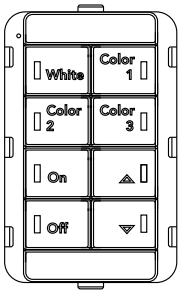
nPODMA 2P DX COLOR



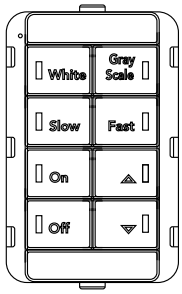
nPODMA 4S EDUTW



nPODMA 4S DX EDUTW



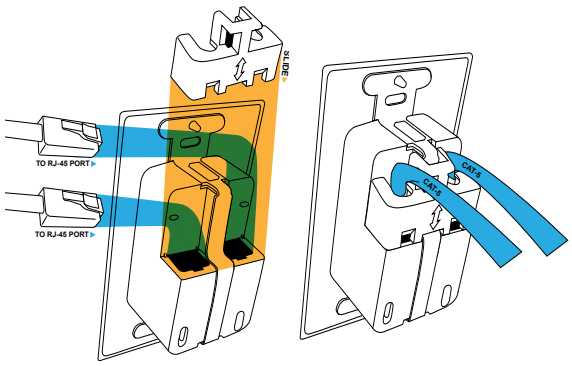
nPODMA 4S DX COLOR



nPODMA 4S DX GRSC

INSTALLATION

- Ensure CAT-5e cable(s) an effectively fed through the gang box
  - Push the CAT5e cables through the back of the gang box
- Remove the wall plate from the device by pulling the sides out to expand the wall plate and release it from the mounting flanges.
- Access RJ-45 port(s) on the WallPod by sliding the plastic guard up
- Insert the CAT-5e cable(s) to the RJ-45 port(s)
- Slide the guard back onto metal strap
- Connect the unit to the gang box
  - The unit will connect to the gang box by screws, one at the top and one at the bottom
  - To ensure correct wall plate installation, drive the screws until the mounting flanges contact the wall surface. If the screws are overdriven, the mounting flanges will disengage, preventing wall plate installation. If this happens, reattach the mounting flange(s) and install to correct position. (The flanges may be reattached by inserting the two tabs in the side of the unit and pushing the part inward to engage the three snaps.)
- Reattach the wall plate
  - Expand the wall plate horizontally
  - Place the wall plate onto the unit
  - Contract the horizontally expanded wall plate onto the unit such that the side flange features seat inside the wall plate



Attention! Only use non-booted CAT5e cables.

PROGRAMMING

- Refer to instruction card IN-11.3 for directions on programming the switch via the upper-most left push-button. All buttons are factory set to the matching switch channel (button 1 - channel 1, button 2 - channel 2, etc). For nPODMA 4P DX, channels to be controlled are selected first, then the control button (on/off or raise/lower).
- For 2L and 4L variants, the preset dim level of a button can be changed by first adjusting the light level with either the unit's raise/lower buttons (nPODM 4L DX) or via another raise/lower WallPod broadcasting on the same switch channel (necessary with a nPODM 2L). Once lights are at desired level, hold a LEVEL button for 8 seconds until the LED flashes. Levels can also be set via SensorView.

SPECIFICATIONS

Electrical	**Input Ratings**	15-24VDC, 5mA, Class 2 (nLight network power)
	Standards/Ratings	Energy Management Equipment, C-UL-US, UL916 (E167435)
Mechanical	**Dimensions**	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box or Low Voltage Ring
	Connection Type	RJ-45 nLight Network Ports (2)
Environmental	**Warrantied Operating Temperature**	32°F to 140°F (0°C to 60°C) LT Option: -4°F to 140°F (-20°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS
	Security	Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018)