

NYX SERIES DOWNLIGHT INSTALLATION GUIDE - WARNING

WARNING – READ ALL PRODUCT LABELS AND INSTRUCTIONS BEFORE INSTALLING FIXTURE. **AVERTISSEMENT** - LIRE TOUTES LES ÉTIQUETTES ET LES INSTRUCTIONS AVANT DE PROCÉDER À L'INSTALLATION.

WARNING – THE FIXTURE IS INTENDED FOR MOUNTING ONLY IN A COVERED CEILING WHERE ONLY THE LED SIDE OF THE LUMINAIRE WILL BE EXPOSED TO WET LOCATIONS WHEN REFLECTOR IS INSTALLED. **AVERTISSEMENT** - LE LUMINAIRE EST PREVU POUR ÊTRE INSTALLER DANS UN PLAFOND COUVERT, OU SEUL LA FACE AVEC LES LEDS PEUT ÊTRE EXPOSÉ À UN ENVIRONNEMENT MOUILLÉ UNE FOIS LE RÉFLECTEUR INSTALLÉ.

WARNING – INSTALLATION SHOULD ONLY BE PERFORMED AFTER POWER TO THE FIXTURE HAS BEEN TURNED OFF. **AVERTISSEMENT** - L'INSTALLATION DU LUMINAIRE DOIT ÊTRE FAITE UNE FOIS LE COURANT MIS HORS TENSION.

WARNING – RISK OF FIRE OR ELECTRIC SHOCK. INSTALLATION OF THIS FIXTURE REQUIRES A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE LUMINAIRE'S ELECTRICAL SYSTEM AND THE HAZARD INVOLVED. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN. **AVERTISSEMENT** - RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE, L'INSTALLATION DE CE NÉCESSAIRE DE MODERNISATION EXIGE UNE PERSONNE FAMILIÈRE AVEC LA CONSTRUCTION ET LE FONCTIONNEMENT DU SYSTÈME ÉLECTRIQUE DU LUMINAIRE ET DES RISQUES ASSOCIÉS. TOUTE PERSONNE QUI N'EST PAS QUALIFIÉE NE DOIT FAIRE AUCUNE TENTATIVE D'INSTALLATION ET DOIT CONTACTER UN ÉLECTRICIEN QUALIFIÉ.

WARNING – RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN THE LUMINAIRE THAT HAS THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWINGS AND WHERE THE INPUT RATING OF THE FIXTURE DOES NOT EXCEED THE INPUT RATING OF THE LUMINAIRE.

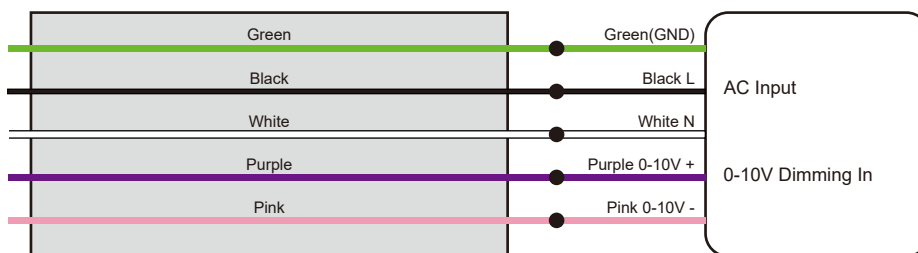
AVERTISSEMENT - RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE. N'INSTALLER CE NÉCESSAIRE QUE DANS LE LUMINAIRE DONT LES CARACTÉRISTIQUES DE CONSTRUCTION ET LES DIMENSIONS SONT MONTREES DANS LES DESSINS ET PHOTOS, ET OÙ LE COURANT D'ENTRÉE DU LUMINAIRE NE DÉPASSE PAS LE COURANT MAXIMUM INDIQUÉ.

DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION. IL EST INTERDIT DE FAIRE OU DE MODIFIER UNE OUVERTURE DANS UN BOÎTIER DE CÂBLAGE OU DE COMPOSANTS ÉLECTRIQUES AU COURS DE L'INSTALLATION DU NÉCESSAIRE.

CAUTION – TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS. **AVERTISSEMENT** AFIN DE PRÉVENIR L'ENDOMMAGEMENT OU L'ABRASION DES CÂBLES, ÉVITER TOUT CONTACT ENTRE CES CÂBLES ET LES BORDURES DES TOLES OU TOUT AUTRES OBJETS TRANCHANTS

CAUTION – THE MOUNTING MEANS OF REFLECTOR WITH MAGNET HAS NOT BEEN EVALUATED FOR RELIABILITY. IF INSTALLED WHERE FAILURE OF THE MOUNTING MEANS COULD CAUSE INJURY TO PERSONS OR DAMAGE TO PROPERTY BELOW, SUPPLEMENTAL MEANS OF SECUREMENT SHOULD BE CONSIDERED. **AVERTISSEMENT** - LA FIABILITÉ DES MOYENS DE MONTAGE DU RÉFLECTEUR AVEC AIMANT N'A PAS ÉTÉ ÉVALUÉE. SI L'INSTALLATION EST INSTALLÉE LORSQUE LA DÉFAILLANCE DES MOYENS DE MONTAGE POURRAIT CAUSER DES BLESSURES AUX PERSONNES OU DES DOMMAGES AUX BIENS SITUÉS EN DESSOUS, DES MOYENS D'ARRIMER SUPPLÉMENTAIRES DEVRAIENT ÊTRE ENVISAGÉS.

WIRING DIAGRAM



1. For non dimmable or forward & reverse phase dimming, use only black (L), white (N) & Green (GND). Cap the 0-10V wires (purple and pink).
2. **DO NOT USE** 0-10V and Forward/Reverse Phase dimming together, this will damage the luminaire.

ROUND REFLECTOR ASSEMBLY

1. Identify Light Engine and Reflector, light engine and reflector should be the same size. Locate the notches on the reflectors and the latches on the light engine.
2. Line up the notches of reflector and light engine, and insert the reflector in the light engine. For "dead front" reflectors with matching flange, pull the springs clips upward to allow easy insertion. (fig. 1)
3. Twist the reflector clockwise and lock the reflectors with the light engines, the 3 notches should lock in the latches of the light engine. (fig. 2)
4. Trim should be flush and secure with the downlight.

fig. 1

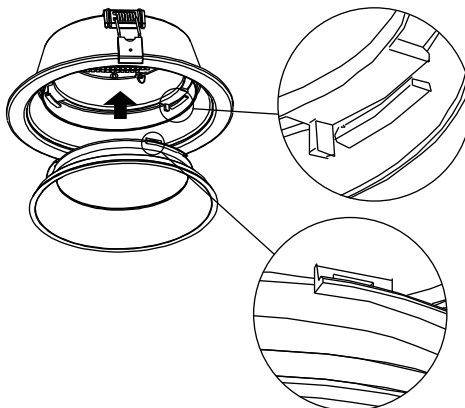
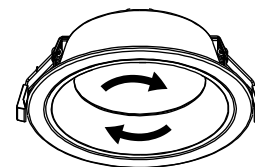


fig. 2



SQUARE REFLECTOR AND OPTIC ASSEMBLY

1. Locate the squeezing tabs on the optic and the 2 retainers on the light engine. Align tabs and retainer and insert the optic in the light engine. (fig. 1)
2. Secure the optic by maintaining pressure with one end on the middle of the optic, and with your other hand push alternatively on each tab to secure and lock them in the retainer, you should hear a click on both sides. (fig. 2 & 3)
3. Locate the 4 magnets on the light engine and the 4 magnets on the feet at each corner of the reflector. Align magnets and insert the trim in the light engine. For "dead front" reflectors with matching flange, pull the springs clips upward to allow easy insertion. (fig. 4)
4. Trim should be flush and secure with the downlight. (fig. 5)

fig. 1

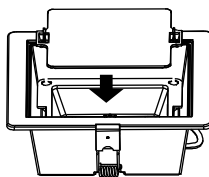


fig. 2

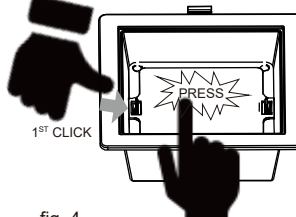


fig. 3

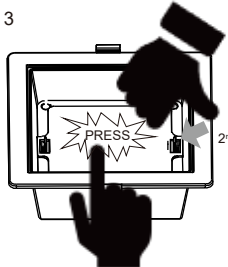


fig. 4

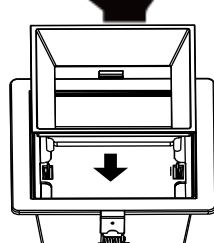
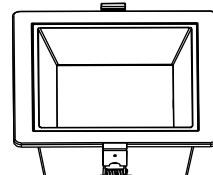


fig. 5



NEW CONSTRUCTION INSTALLATION

Product Information	Compatible Products
	NYX 4"
	NYX 6"
	NYX 8"

NYX NEW CONSTRUCTION INSTALLING THE DRIVER ON THE FRAME

1. Make sure the POWER IS TURNED OFF at the source to the location in which you are installing the product.
2. Locate the 2 studs on frame. And the hooks on the driver box. Place driver facing the hole of the frame. Slide left side of driver box into the left studs (hook is perpendicular to driver box), rotate and and slide the right part of the driver box to hook on the right studs (hook is parallel to driver box).(fig. 1)
3. Secure the driver box on the plate by hand tightening the thumb screws of the studs on both sides of the box, until driver box is firmly attached to the frame.

fig. 1

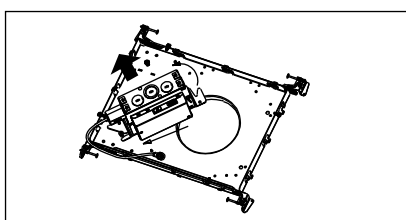
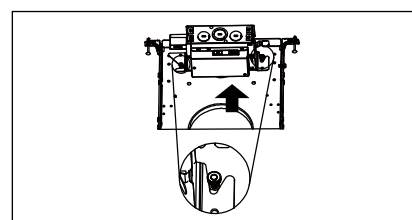


fig. 2



NYX NEW CONSTRUCTION DRYWALL INSTALLATION

- Using a hammer, secure the bar hangers to the wood joist with the nail. Secure at all four locations. For steel studs, use self-tapping sheet metal screws in place of nails. (fig. 3)
- Adjust and center the downlight opening hole as desired, by sliding the frame along the bar hangers. Lock and secure the frame with the bar hangers by tightening the edging screws. (fig. 4)

fig. 3

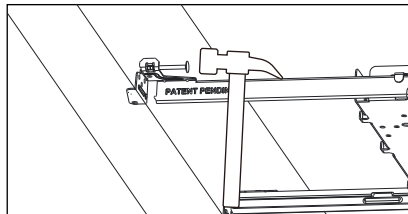
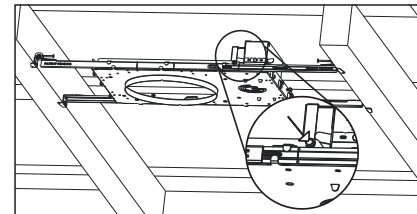


fig. 4



NYX NEW CONSTRUCTION T-GRID INSTALLATION

- Extend the bar hangers and secure to the ceiling T-Grid using the vertical slots at the end of each bar hanger.
- Adjust and center the downlight opening hole as desired, by sliding the frame along the bar hangers. Lock and secure the frame with the bar hangers by tightening the edging screws. (Fig. 5)
- If required by code, connect the bar hangers to the T-grid with self-tapping sheet metal screws. (fig. 6)

fig. 5

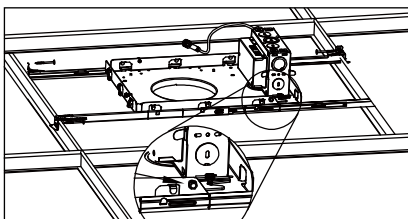
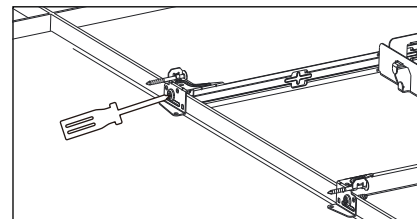


fig. 6



NYX NEW CONSTRUCTION INSTALLATION

- Once the frame is installed and secure. Open the driver face plate by gently pulling the metal tab. (fig. 7)
- Open one of the driver box knock-out with a flat head screwdriver, and insert source cable directly to the junction box, through one of the knock-outs, secure it. You can use provided power clamp for standard cable, for MC cable please use appropriate snap-in or screwing connector (not provided). (fig. 8)
- Close the lid and ensure all the wires and connectors are securely tucked into the driver box. Adjust the fixture power to desired lumen output by sliding the blue selector switch. Adjust the color temperature to desired one, by sliding the black selector switch. Make sure the switch is never in between positions. (fig. 9)

**Switch under the rubber cover can modify the mA output of the driver. It should be kept covered and unchanged to ensure listed output specification of NYX downlight.*

- If a new hole is needed for ceiling tile, hardlid or drywall installations, use an appropriate cutting tool to cut along the edge of the new construction round or square collar for the desired size (fig. 10)
- Reach and make sure the driver cable is accessible from the ceiling hole. (fig. 11)
- Connect the power cord from the driver to the fixture using the cable connector. Secure it by tightening the connector threaded lock nut. (fig. 12)
- Squeeze the two spring clips so they are in an upright position and insert lamp in the ceiling. (fig. 13)
- Once light engine and reflector. is inside the ceiling, release the spring clips and continue pushing fixture until securely fixed and flush with ceiling. (fig. 14 and 15)
- Restore power at the source and the installation is complete.

fig. 7

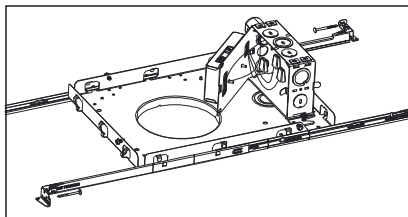


fig. 8

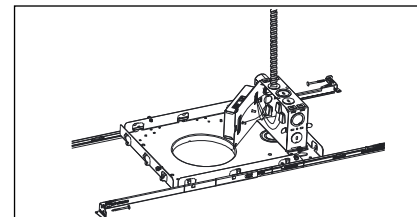


fig. 9

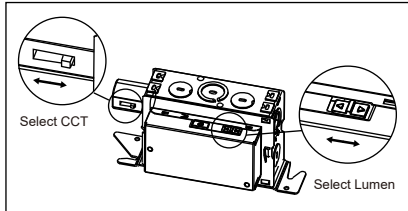


fig. 10

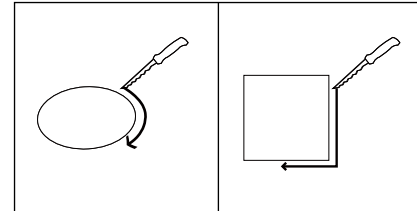


fig. 11

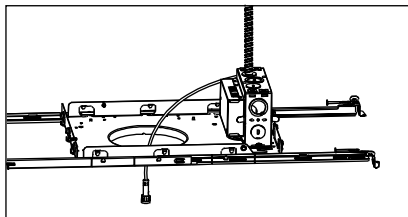


fig. 12

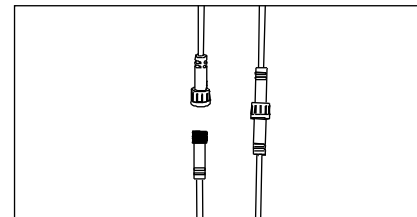


fig. 13

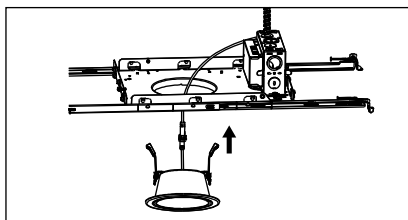


fig. 14

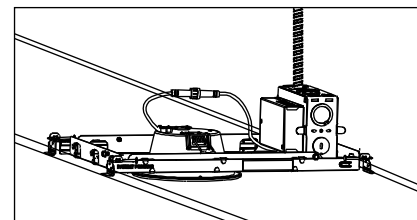
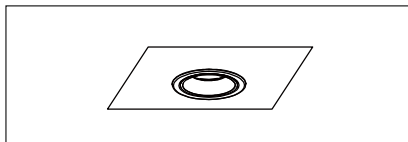


fig. 15



DIRECT MOUNT INSTALLATION

1. Make sure the POWER IS TURNED OFF at the source to the location in which you are installing the product.
2. If a new hole is needed for ceiling tile, hardlid or drywall installations, use an appropriate cutting tool to cut along the edge of the new construction round or square collar for the desired size. (fig. 1)
3. Open the driver face plate by gently pulling the metal tab. Open one of the driver box knock-out with a flat head screwdriver, and Insert the incoming power source cable directly to the junction box, through one of the knock-out, Open one of the driver box knock-out with a flat head screwdriver, and insert source cable directly to the junction box, through one of the knock-outs, secure it. Proceed to wiring following wiring diagram (p. 1). (fig. 2)
4. Close the lid and ensure all the wires and connectors are securely tucked into the driver box. Adjust the fixture power to desired lumen output by sliding the blue selector switch. Adjust the color temperature to desired one, by sliding the black selector switch. Make sure the switch is never in between positions. (fig. 3)
**Switch under the rubber cover can modify the mA output of the driver. It should be kept covered and unchanged to ensure listed output specification of NYX downlight.*
5. Set the driver in the ceiling following your local electric code for securing it. Make sure the driver cable is accessible. (fig. 4)
6. Connect the power cord from the driver to the fixture using the cable connector. Secure it by tightening the connector threaded lock nut. (fig. 5)
7. Squeeze the two spring clips so they are in an upright position and insert lamp in the ceiling. (fig. 6)
8. Once light engine and reflector is inside the ceiling, release the spring clips and continue pushing fixture until securely fixed and flush with ceiling. (fig. 7)
9. Restore power at the source and the installation is complete.

fig. 1

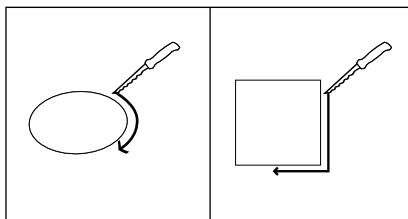


fig. 2

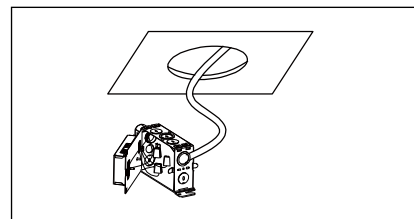


fig. 3

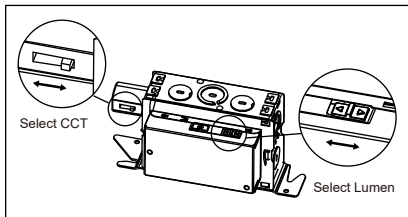


fig. 4

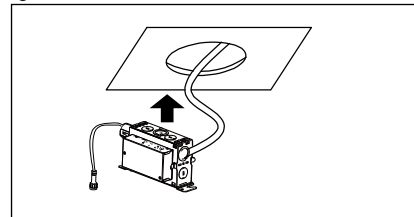


fig. 5

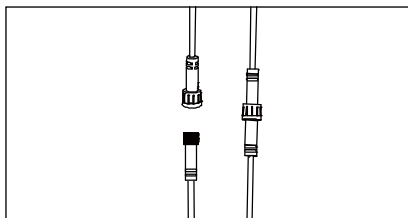


fig. 6

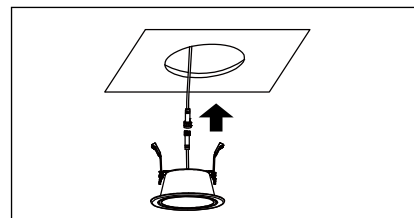
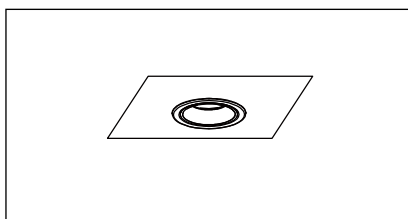


fig. 7



RETROFIT INSTALLATION

WARNING – Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. ATTENTION - Risque de feu ou de choc électrique. L'installation du kit de rénovation LED nécessite des connaissances sur les systèmes électriques des luminaires. Si vous n'êtes pas qualifiés, n'essayez pas de l'installer. Contacter un électricien qualifié

WARNING – Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire. ATTENTION - Risque de feu ou de choc électrique. Installer ce kit uniquement dans les luminaires dont les caractéristiques et les dimensions correspondent à celles indiquées dans les photos et schémas

WARNING – Risk of fire. Input ratings may need to be determined based on any configuration(s) permitted by the installation instructions. Regardless of the configuration(s) of the retrofit kit, the input ratings of the overall retrofit kit shall not exceed the marked input ratings of the host luminaire. ATTENTION - Risque d'incendie. Les valeurs nominales d'entrée peuvent devoir être déterminées en fonction des configurations autorisées par les instructions d'installation. Quelle que soit la configuration du kit de rénovation, les valeurs nominales d'entrée de l'ensemble ne doivent pas dépasser les valeurs nominales d'entrée indiquées pour le luminaire hôte.

Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components. SEULS LES OUVERTURES INDICUÉES DANS LES PHOTOS ET/OU LES DESSINS PEUVENT ÊTRE FAITS OU MODIFIÉS À LA SUITE DE L'INSTALLATION DU NÉCESSAIRE. IL EST INTERDIT DE LAISSER D'AUTRES OUVERTURES DANS UN BOÎTIER DE CÂBLAGE OU DE COMPOSANTS ÉLECTRIQUES.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation. IL EST INTERDIT DE FAIRE OU DE MODIFIER UNE OUVERTURE DANS UN BOÎTIER DE CÂBLAGE OU DE COMPOSANTS ÉLECTRIQUES AU COURS DE L'INSTALLATION DU NÉCESSAIRE. IL EST INTERDIT DE FAIRE OU DE MODIFIER UNE OUVERTURE DANS

WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. ATTENTION - Afin d'éviter toute abrasion ou dommage du câblage électrique, ne pas l'exposer aux arrêtes des feuilles métalliques ou tout autre objet tranchant

THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR AUTHORITIES HAVING JURISDICTION. LE NÉCESSAIRE DE MODERNISATION EST ACCEPTÉ À TITRE DE COMPOSANT D'UN LUMINAIRE LORSQUE LA PERTINENCE DE LA COMBINAISON DOIT ÊTRE DÉTERMINÉE PAR LES AUTORITÉS COMPÉTENTES

WARNING – Prior to installation, review all environmental designation locations in the retrofit kit installation instructions. Only install in damp or wet locations. ATTENTION - Avant l'installation, vérifiez toutes les désignations environnementales dans les instructions d'installation du kit de rénovation. N'installez le produit dans un endroit humide ou mouillé que si cela est indiqué dans les instructions d'installation.

SUITABLE for damp or wet locations, under covered ceiling, not directly exposed to weather. Convient aux endroits humides ou mouillés, sous plafond couvert, non exposé directement aux intempéries.

SUITABLE FOR "TYPE NON-IC" LUMINAIRES. CONVIENT AUX LUMINAIRES DE "TYPE NON-IC".

SUITABLE for 120-277V line voltage. Convient pour un voltage de 120-277V.

THIS KIT IS INTENDED TO RETROFIT RECESSED CAN LIGHTING ONLY. CE KIT DE RÉNOVATION EST PRÉVU POUR LES LUMINAIRES DOWNLIGHTS ENCASTRÉS.

SUITABLE for operation in luminaires with ambient not exceeding 45°C. Convient pour un fonctionnement dans des luminaires dont la température ambiante ne dépasse pas 45°C

ALL KITS ARE COMPOSED OF A LIGHT ENGINE (HOUSING AND DRIVER), AND A REFLECTOR WITH OPTIC. TOUS LES KITS SONT COMPOSÉS D'UN MODULE D'ÉCLAIRAGE (BOÎTIER ET DRIVER), ET D'UN RÉFLECTEUR AVEC OPTIQUE.

THE HOUSING BEING RETROFITTED NEED TO CARRY NRTL LISTING TOO. LES LUMINAIRES ENCASTRÉS À RÉNOVER DOIVENT ÉGALEMENT ÊTRE INSCRITS AU NRTL.

MUST BE INSTALLED IN AN ETL, UL, CSA LISTED FIXTURE. DOIT ÊTRE INSTALLÉ DANS UN LUMINAIRE HOMOLOGUÉ ETL, UL, CSA.

SUITABLE for use with can luminaires; 4", 6" or 8", square or round denoted by part number. Convient à des luminaires encastrés; 4", 6" ou 8", carrés ou ronds indiqués par le numéro de modèle.

1. Make sure the POWER IS TURNED OFF at the source to the location in which you are installing the product.
2. If existing lamp and trim are present, remove from ceiling or move it out of the way as it will not be needed during installation. Measure the ceiling opening to make sure the edge of the luminaire will cover the entire hole and still sit firmly in the ceiling before proceeding. A goof ring can be used if the gap is too large. (fig. 1)
3. Open the existing J-box and disconnect all wires connected to the ballast. Lampholders and leads need to be removed. (fig. 2)
4. Unplug incoming power cable or flex conduit from the existing Jbox. (fig. 3)
5. Open one of the driver box knock-out with a flat head screwdriver, and insert the incoming power source cable directly to the junction box. Proceed to wiring following wiring diagram (p. 1). (fig. 4 & 5)
6. Close the lid and ensure all the wires and connectors are securely tucked into the driver box. Adjust the fixture power to desired lumen output by sliding the blue selector switch. Adjust the color temperature to desired one, by sliding the black selector switch. Make sure the switch is never in between positions. (fig. 6)
7. Set the driver in the ceiling following your local electric code for securing it. Make sure the driver's cable is accessible. (fig. 7)
8. Connect the power cord from the driver to the fixture using the cable connector. Secure it by tightening the connector's threaded lock nut. (fig. 8)

fig. 1

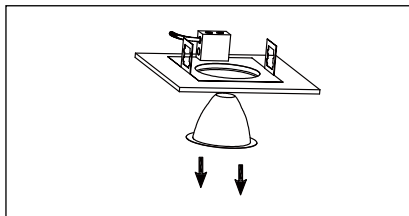


fig. 2

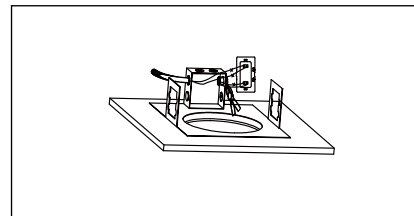


fig. 3

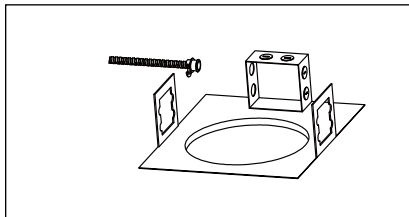


fig. 4

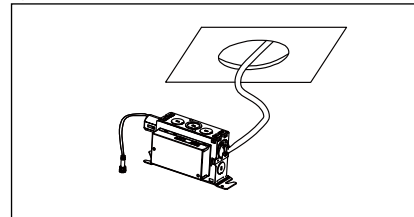


fig. 5

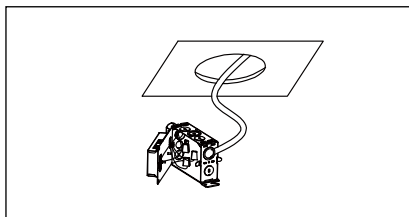


fig. 6

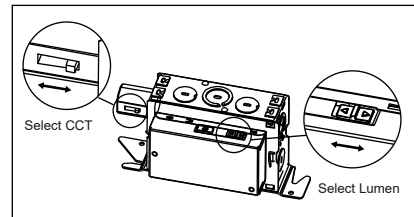


fig. 7

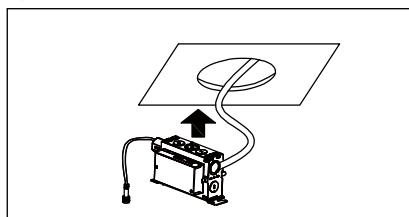
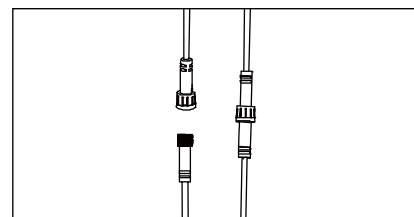


fig. 8



RETROFIT INSTALLATION

- Squeeze the two spring clips so they are in an upright position and insert lamp in the ceiling. (fig. 9)
- Once fixture is inside the ceiling, release the spring clips and continue pushing fixture until securely fixed and flush with ceiling. (fig. 10)
- Restore power at the source and the installation is complete.

fig. 9

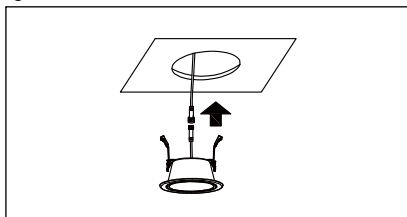
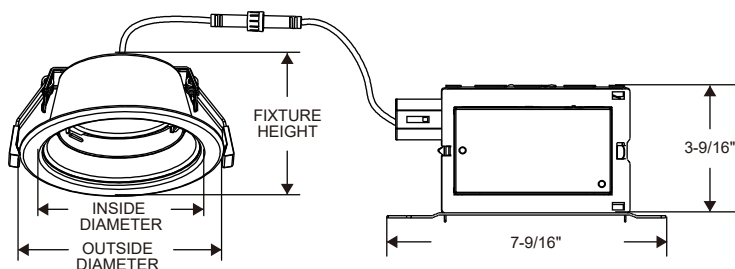
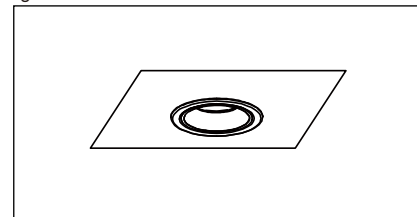
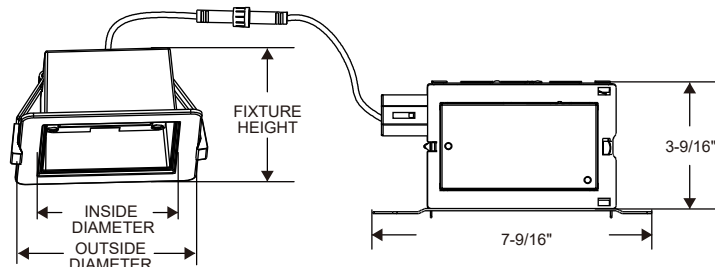


fig. 10



		Inside Diameter	Outside Trim Diameter	Fixture Height	Minimum Cutout	Maximum Cutout
NYX ROUND	4	3-15/16"	5-1/2"	2-1/2"	4-1/2"	4-3/4"
	6	5-1/2"	7-1/16"	2-1/2"	6-1/16"	6-5/16"
	8	7-1/16"	8-11/16"	2-9/16"	7-11/16"	8-1/16"



		Inside Diameter	Outside Trim Diameter	Fixture Height	Minimum Cutout	Maximum Cutout
NYX SQUARE	4	3-3/8x3-3/8"	4-7/8x4-7/8"	2-1/2"	4x4"	4-1/8x4-1/8"
	6	4-13/16x4-13/16"	6-3/8x6-3/8"	2-1/2"	5-5/16x5-5/16"	5-5/8x5-5/8"

NYX SQUARE WALL WASH INSTALLATION

- Locate the 2 side latches and the notch at the back of the wall wash. Insert the latches in the small gap between the reflector and light engine (fig. 1)
- Once latches are secure on both side of the reflector push the wall wash to the edge of the reflector and clip the end notches to secure it. (fig. 2)
- Wall wash should be secured and flush with the reflector. (fig. 3)

fig. 1

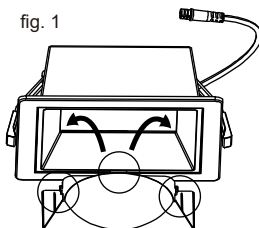


fig. 2

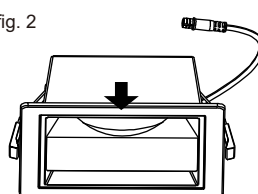
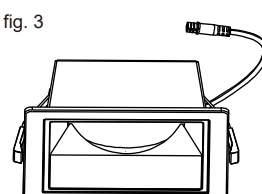


fig. 3



Open section should be directed toward and parallel to the wall when installed

NYX ROUND WALL WASH INSTALLATION

1. Locate the 3 latches and the notch on the open arch. (fig. 1)
2. Insert the latches in the small gap between the reflector and light engine. Once latches are secure to the reflector clip the end notches to secure it. (fig. 2)
3. Wall wash should be secured and flush with the reflector. (fig. 3)

fig. 1

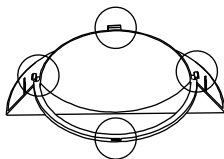


fig. 2

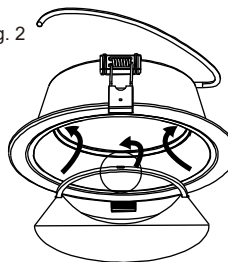
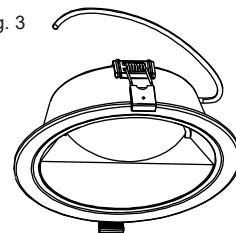


fig. 3



Open section should be directed toward and parallel to the wall when installed, by rotating the wall wash clockwise if necessary.

NYX ROUND LENS REPLACEMENT

1. Push on the optic to unlock it from the reflector. (fig. 1 and 2)
2. Insert the new optic to the reflector by pushing it on top of the reflector. The optic should click on the reflector and the 3 latches should clipped over the optic. (fig. 3 and 4)
3. Optic should be secured and flush with reflector.

fig. 1

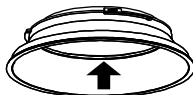


fig. 2

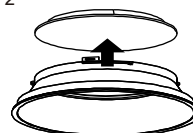


fig. 3

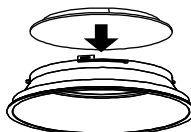


fig. 4

