

# seamlessline® Lighting Fixtures

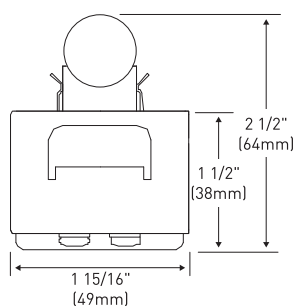
## INSTALLATION INSTRUCTIONS

Read all instructions before installation.

Cat. No. : dimming model **SAL-UW850AM · SAL-UW1000AM · SAL-UW1250AM · SAL-UW1500AM (120V)**  
**SAL-UW850CM · SAL-UW1000CM · SAL-UW1250CM · SAL-UW1500CM (277V)**  
 non dimming **SAL-UW500A · SAL-UW850A · SAL-UW1000A · SAL-UW1250A · SAL-UW1500A (120V)**  
**SAL-UW500C · SAL-UW850C · SAL-UW1000C · SAL-UW1250C · SAL-UW1500C (277V)**

### SPECIFICATION

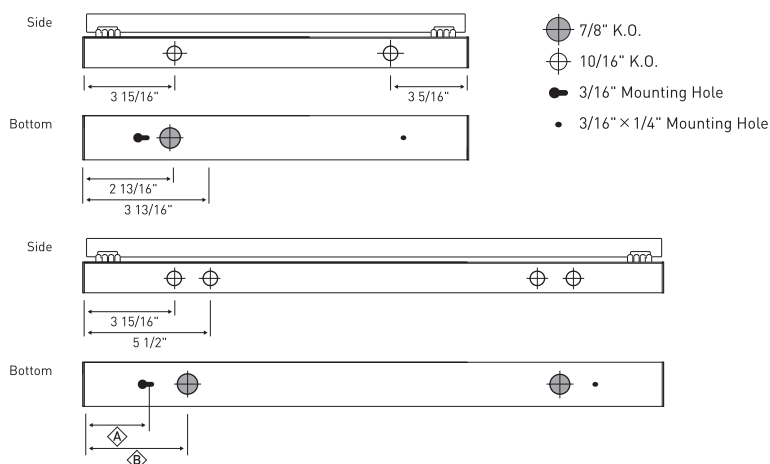
#### Section



#### 20" Fixture

#### 34", 40", 50", 60" Fixture

	A	B
34"	3	4 9/16"
40"	5 15/16"	7 9/16"
50"	8 15/16"	10 1/2"
60"	13 13/16"	15 6/16"



	voltage	catalog no.	O.A.length	Input current [A]	Input wattage [W]	Weight [lb]	Lamp wattage [W]	Lumen [lm] *
dimming	120	<input type="checkbox"/> SAL-UW850AM	33 9/16" [853mm]	0.32	35	2.3	27	2240
		<input type="checkbox"/> SAL-UW1000AM	39 1/2" [1003mm]	0.36	40	2.4	31	2630
		<input type="checkbox"/> SAL-UW1250AM	49 5/16" [1253mm]	0.40	46	2.7	38	3350
		<input type="checkbox"/> SAL-UW1500AM	59 3/16" [1503mm]	0.47	54	2.9	45	3970
	277	<input type="checkbox"/> SAL-UW850CM	33 9/16" [853mm]	0.18	35	2.3	27	2240
		<input type="checkbox"/> SAL-UW1000CM	39 1/2" [1003mm]	0.20	40	2.4	31	2630
		<input type="checkbox"/> SAL-UW1250CM	49 5/16" [1253mm]	0.22	46	2.7	38	3350
		<input type="checkbox"/> SAL-UW1500CM	59 3/16" [1503mm]	0.24	54	2.9	45	3970
non dimming	120	<input type="checkbox"/> SAL-UW500A	19 3/16" [503mm]	0.19	22	2.6	17	1350
		<input type="checkbox"/> SAL-UW850A	33 9/16" [853mm]	0.26	31	3.0	27	2240
		<input type="checkbox"/> SAL-UW1000A	39 1/2" [1003mm]	0.32	38	3.2	30	2630
		<input type="checkbox"/> SAL-UW1250A	49 5/16" [1253mm]	0.38	45	3.4	39	3350
		<input type="checkbox"/> SAL-UW1500A	59 3/16" [1503mm]	0.44	52	3.7	46	3970
	277	<input type="checkbox"/> SAL-UW500C	19 3/16" [503mm]	0.08	22	2.6	17	1350
		<input type="checkbox"/> SAL-UW850C	33 9/16" [853mm]	0.12	33	3.0	27	2240
		<input type="checkbox"/> SAL-UW1000C	39 1/2" [1003mm]	0.14	38	3.2	30	2630
		<input type="checkbox"/> SAL-UW1250C	49 5/16" [1253mm]	0.17	47	3.4	39	3350
		<input type="checkbox"/> SAL-UW1500C	59 3/16" [1503mm]	0.19	52	3.7	46	3970

\* 4200, 3500, 3000, 2800K

Sales office

**Verbatim Americas, LLC**

8210 University Executive Park Drive Suite 300 Charlotte, NC 28262

Toll Free : 877-NIPPO-11(647-7611)

e-mail : nippo@verbatim.com

MANUFACTURER

**DN LIGHTING CO., LTD.**

15-23 Miyamatsu-cho, Hiratuka,

Kanagawa, 254-0036, JAPAN

**NIPPO**

## WARNING

- Only a trained, qualified, licensed electrician should install this product. It is not intended for a do-it-yourself installation. Hire a professional. Improper installation may result in electric shock, fire, or serious personal injury.

- Always install product with the power shut off to all wiring you will be touching or handling. Secure the panel, fuse, or circuit breaker so that someone else does not endanger you by restoring power without your permission before you have completed your work. Even when you believe the power is shut off, be sure you do not handle the product or wiring with wet hands, bare feet, or when standing on a wet surface.

- Installation must comply with local electrical and building codes. Permits should be obtained and work inspected by the local code enforcement authority. Improper installation may result in electric shock, fire, or serious personal injury.

- Product must be installed indoors, in a safe operating environment, free from flammable or explosive gases or liquids, flammable or explosive dusts or powders, excessive vibration, condensing moisture, corrosive gases or liquids, or temperatures below 41 degrees F or above 104 degrees F. This product is intended only for indoor installation in an operating environment typical of a home, retail business, or office. Never use it in spaces used for manufacturing, fueling, mining, or chemical use, preparation or mixing.

- Do not disassemble or modify fixture unless specifically told to do so by the installation instructions.

- Inserting screwdrivers, wires, metal scraps, or other metal objects into openings in product or across terminals may cause electrical shock, fire, or serious personal injury. Never position product so that such metal objects may fall into it.

- Wear proper safety glasses, goggles, or face shield when installing the product, especially when handling lamps or drilling. Wear gloves when handling the lamp in case of breakage.

- Power must be shut off to each unit when lamps are installed, removed or cleaned. Secure the panel, fuse, or circuit breaker so that someone else does not endanger you by restoring power without your permission or knowledge before you have completed your work.

- When installing or removing a lamp from the fixture, grasp near the sockets. Do not use excessive force, or the lamp may break.

- Use only the wiring specified in these instructions or supplied with the product. The fixture must be securely grounded to operate properly and safely. Inadequate grounding may cause electrical shock or fire. Installation must fully comply with your local electrical codes.

- Follow instructions carefully for secure mounting of the fixture. A loose or insecure mounting may cause the product to fall and cause personal injury, property damage, or fire. To prevent lamp from falling out of the fixture, always use the drop down protection wire ("WIRE HOLDER" ) to secure the lamp. This is especially important when lamp is installed facing down.

- Fixture is not intended for recessed installation where it is surrounded by or near wood, sheet rock, insulation, or other building materials which might cause it to overheat.

- If product smokes or smells when turned on, shut off power immediately and check your work. Do not turn the power on again until you have found and fixed the problem.

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## CAUTION

- Fixture generates heat and should never be covered with or installed near paper, cloth, wallpaper, insulation, or other flammable material. Never allow any of these materials inside the unit.

- Never allow the total current draw of all fixtures and other devices to exceed the rated capacity of the building's circuit which supplies the fixture or fixtures.

- Use only these recommended lamps in the fixture: FRT500, 850, 1000, 1250, or 1500. Using the wrong lamp may cause fixture to fail. If you have any doubt about which lamp to use, contact the Sales office 877 - NIPPO11 (877-647-7611) .

- Supply voltage must be within 10% of the specified voltage. If voltage is too high, fixture may overheat, smoke, and catch fire. If voltage is too low, the lamp will not light.

- Always insert the lamp firmly and securely in the fixture so that it makes good contact and cannot fall.

- Don't mix line voltage/main wiring of the fixtures with motors, compressors, refrigerators, or similar power units.

### Other Recommendations for Proper Operation

- Keep cloth, cosmetics, medicines and other perishable commodities away from the lamp.

- This product may interfere with the use of infrared remote controls.

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## WARRANTY

DN L warrants that its products shall be free from defects in materials and workmanship and to conform to the specification and performance expressly mentioned in the catalogue information under normal use and service.

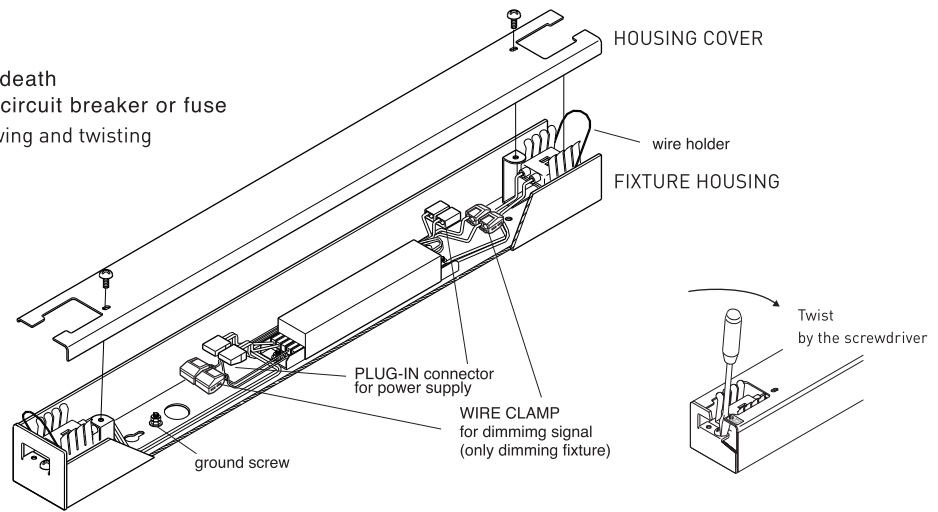
This warranty shall run only for a period of two years from the date of initial sale and DN L's obligations under this warranty are limited to remedying any defect or replacing any defective part and shall be effective only if the defective unit is shipped to DN L postage prepaid within 24 months after the date of initial sale. Damage due to abuse, misuse, inadequate wiring or installation is not covered by this warranty. In no event shall DN L or any other seller be liable for any other loss or damage, including consequential or special damages that may arise through the use by a purchaser or others of this device and the purchaser assumes and will hold harmless DN L in respect of all such loss. Although every attempt is made to ensure that catalogue information is accurate and up-to-date,

please contact the Sales office before purchasing the products.

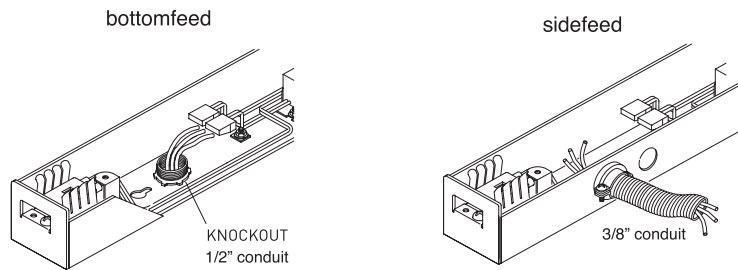
# INSTALLATION

**WARNING :** To avoid fire, shock or death  
TURN OFF POWER at circuit breaker or fuse

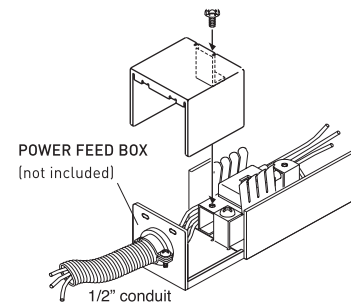
**Step 1** remove HOUSING COVER by unscrewing and twisting



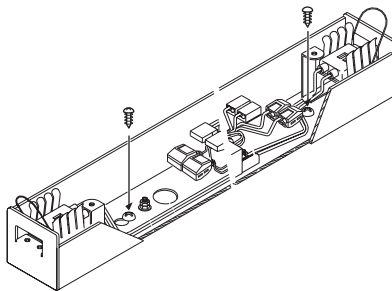
**Step 2** knock out KNOCKOUT plate at the bottom or side



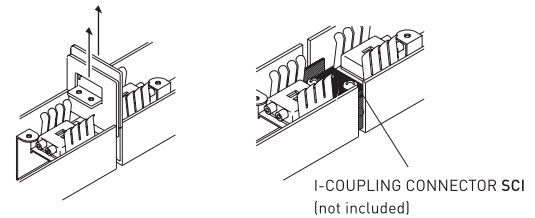
for endfeed, use POWER FEED BOX (not included)



**Step 3** mount FIXTURE HOUSING by using SCREW HOLES at the bottom

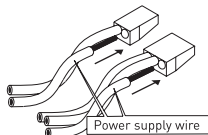


For connecting each fixture,  
remove the end plate and use I-coupling connector.



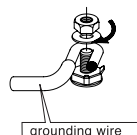
**Step 4** wire according to N.E.C. and any applicable local codes

Remove 3/8" (11mm) of insulation from power supply wire and insert to PLUG-IN connector



solid 14 AWG or 12 AWG  
(black and white)

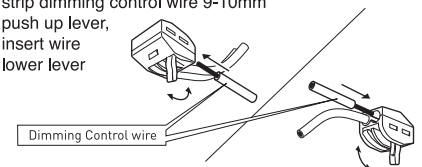
Remove 1" (25mm) of insulation from grounding wire and place onto the grounding post



solid 12 AWG  
(green with a yellow stripe)

in case of dimming fixture

strip dimming control wire 9-10mm  
push up lever,  
insert wire  
lower lever

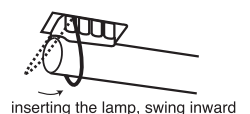


300V 20AWG 1pair Shielded Cable  
Use 300 volts rated wire to make dimming connections internal to the luminaire. Use a wiring method specified in Article 725 of the NEC to make dimming connections external to the luminaire.  
Maintain a minimum 1/4"(6.4mm) permanent spacing between the conductors and connectors operating at line and conductors and connectors connected in the dimmer circuit.

in case of installing downward, use wire holder for safety

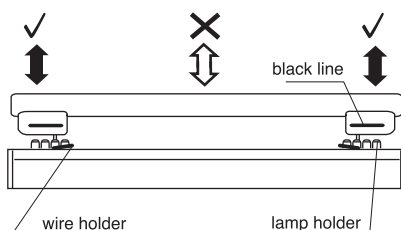


swinging outward



**Step 5** attach HOUSING COVER and tighten screws

**Step 6** Insert the lamp properly into the lamp holder to the black line till unseen



Condition of Lamp-installation

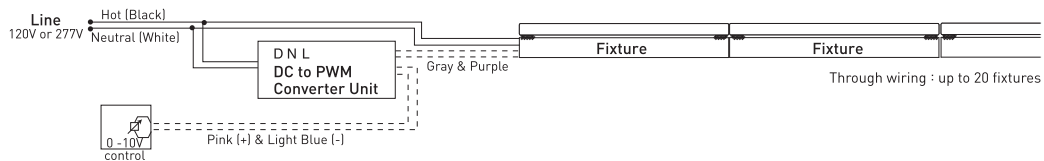
✓	×	×
good	not good	not good

**Step 7** Restore Power at circuit breaker or fuse.  
Installation is complete.

**NIPPO**

# WIRING DIAGRAM for dimming model SAL-UW850AM, SAL-UW1000AM, SAL-UW1250AM, SAL-UW1500AM (120V) SAL-UW850CM, SAL-UW1000CM, SAL-UW1250CM, SAL-UW1500CM (277V)

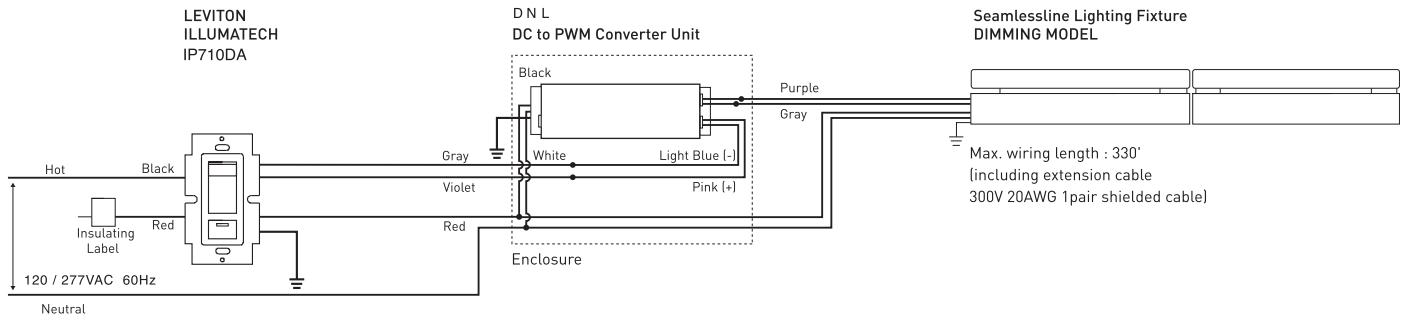
## STANDARD



## EXAMPLE 1 in case of 0-10V dimmer

LEVITON

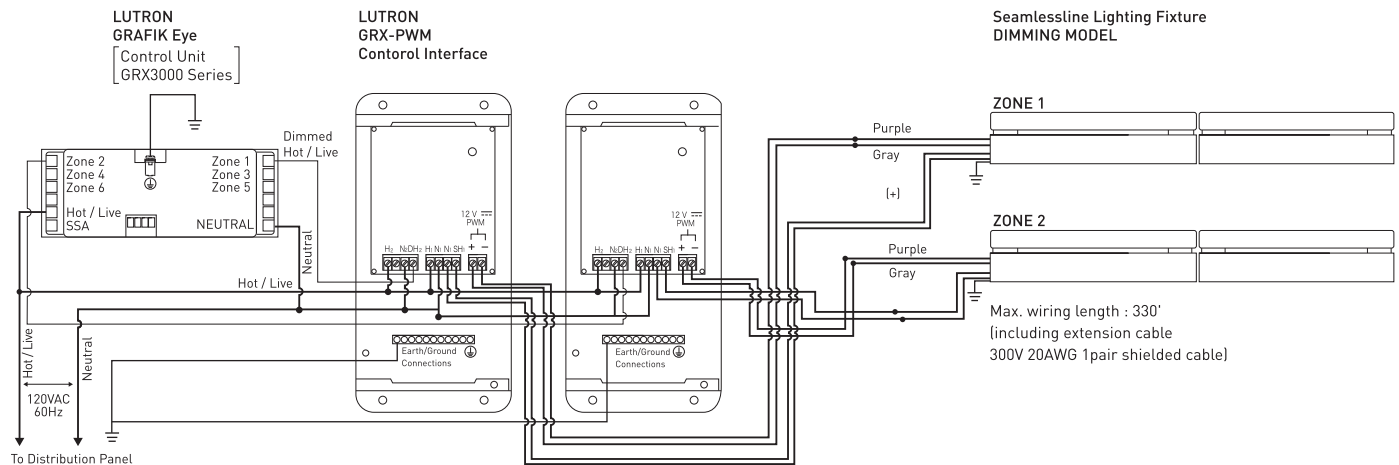
up to 20 fixtures



## EXAMPLE 2 in case of PWM dimmer

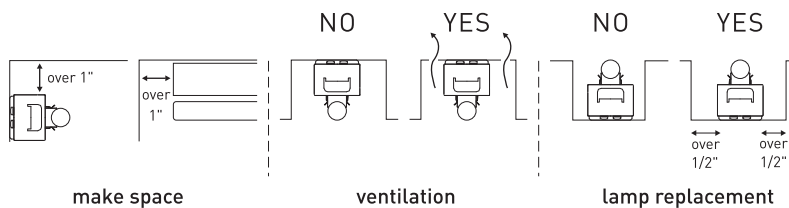
LUTRON

multi zones



for more information, please see LUTRON web page

## CAUTION to prevent short lamp life, ballast failure, bad replacement



## TROUBLE SHOOTING

### Light does not turn on

- Lamp is burned out.
- Wiring is not correct.
- Circuit breaker has tripped.

### Lights flickering

- Lamp has a bad connection.
- Wires not secured firmly

### Lamp short life

- Excess voltage
- Frequent switching

If further information is needed, please contact below.