



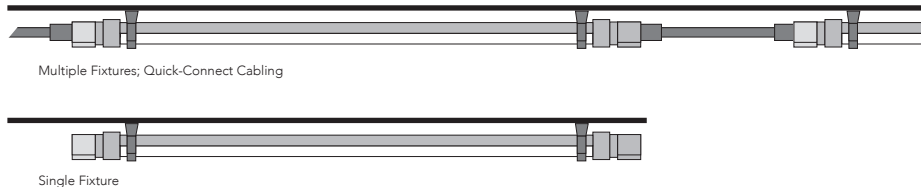
**CLASS-1
DIV-2**
R A T E D

**CLASS-2
DIV-2**
R A T E D

**IP68
IP69K**
C E R T I F I E D

**DIRECT AC
DRIVERLESS**

**EMI
SILENT**



HLX INSTALLATION MANUAL PAGE 1

WARNING:

To reduce the risk of ignition of hazardous atmospheres, disconnect the luminaire from the supply circuit before opening. Keep tightly closed when in operation.

Pour réduire le risque d'inflammation des atmosphères dangereuses, déconnectez le luminaire du circuit d'alimentation avant de l'ouvrir. Gardez bien fermé lors de l'utilisation.

NOTES:

- Fixtures must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations. Please read through this document entirely before beginning the installation.
- Ensure the last fixture in every daisy chain is capped. Each leader cable is packaged with an end cap. Failure to cap the fixture will result in water ingress.
- White connector = power input. Mate with white plug on leader cable/jumper cable.
- Longer jumper cables may be sleeved through PVC (1"), EMT or Wire Mold if desired.

1. Confirm All Components Received

A.) Supplied Materials

- HLX Series Luminaire(s)
- Jumper Cable(s) if applicable
- Leader Cable(s) with End Cap(s)
- Mounting Clips

B.) Required Materials

- Mounting Hardware (depending on mounting surface)



HLX INSTALLATION MANUAL PAGE 2

2. Verify Electrical Plan & Fixture Run Lengths

Length & Output	Lumens	Fixture Watts	Amps @120V	Amps @277V
HLX8 - SO	8000	64 W	0.53	0.23
HLX4 - SO	4000	32 W	0.27	0.12
HLX2 - SO	2000	16 W	0.13	0.06

Table 2.1: Power Specifications

Jumper Cable Length	HLX2 (120V)	HLX2 (277V)	HLX4 (120V)	HLX4 (277V)	HLX8 (120V)	HLX8 (277V)
JMP1 (1FT)	60 (179')	110 (339')	34 (169')	65 (324')	17 (152')	33 (296')
JMP4 (4FT)	45 (266')	90 (536')	31 (244')	58 (460')	15 (176')	29 (344')
JMP8 (8FT)	40 (392')	80 (792')	28 (328')	52 (616')	13 (200')	26 (408')

Table 2.2: Fixture Run Lengths

3. Mount Fixtures

HLX series fixtures are typically surface mounted (ceilings, walls, etc).

Each HLX8 and HLX6 fixture requires three mounting clips - one near each end, and one in the middle. Each HLX4 and HLX2 uses two mounting clips, one near each end.

Mark the clip locations and verify proper placement of the fixtures throughout the area to be lit. If all looks good, secure the mounting clips to the wall or ceiling using proper mounting hardware.

After securing the clips, snap the fixtures into position by pressing them up into the mounting clips. Ensure that the white connector is facing toward the cable input (leader cable or jumper) on all fixtures.

4. Connect Fixtures Together

Install the jumper cables between the mounted fixtures. The cables may be sleeved through PVC, EMT, or wiremold if desired.

5. Attach the End Cap

Ensure the last fixture in every daisy chain is capped. Failure to cap the fixture will result in water ingress.

HLX INSTALLATION MANUAL PAGE 3

6. Connect the Leader Cable and Power Supply



Figure 6.1 and 6.2: Leader Cable Dimensions and Wiring

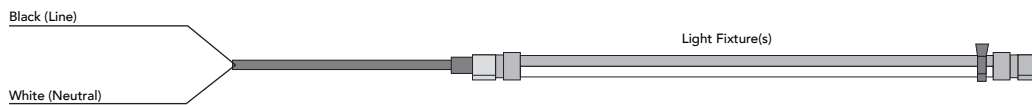


Figure 6.3: Standard Power Supply Connection

7. Turn the Power ON

If you have any questions throughout the process, please do not hesitate to contact G&G Support:
800-285-6780 x2