



## READ ALL SAFETY INSTRUCTIONS FIRST

- › Follow all safety instructions carefully. Failure to do so will void warranty.
- › Ensure installation complies with local laws and any applicable standards.
- › Input voltage range 120-277 V AC
- › Only use Lumascape power supply, control equipment and leader cables.
- › Ensure mains input power is surge protected.
- › Never make connections whilst the power is connected.
- › Do not make modifications or alter product.
- › Keep luminaire clean and free of debris.
- › Connectors are to be kept clean and dry at all times.
- › Once installed, all connectors are to be mated and a PowerSync™ terminator is required on the last fitting of run.

Products and specifications are subject to change without notice.

## Overview

Below is a general overview of a typical LS9260 setup.



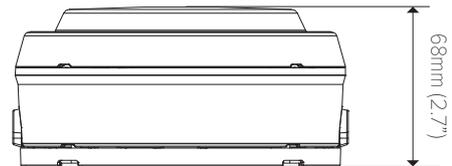
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# Faisca F6 LS9260 (International)

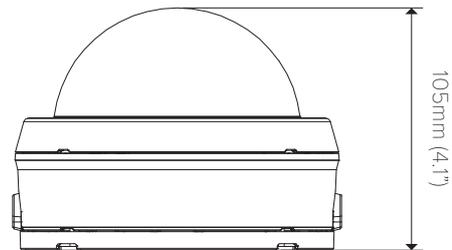
## Installation Instructions

## Dimensions

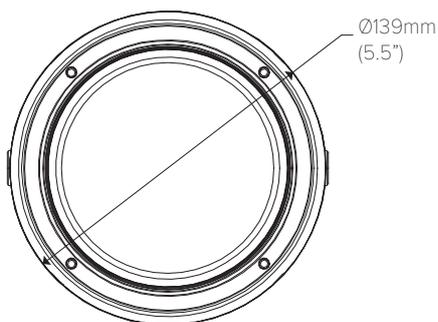
### Flat Lens, Transparent (DF)



### Domed Lens, Diffused (DC)

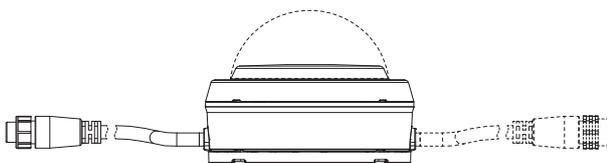


### Top View

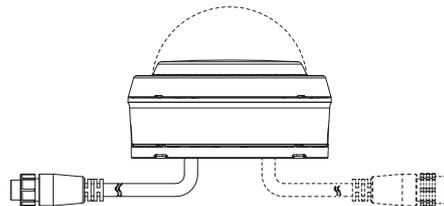


### Luminaire Connection Type - (Connectorised)

#### Side Entry



#### Bottom Entry



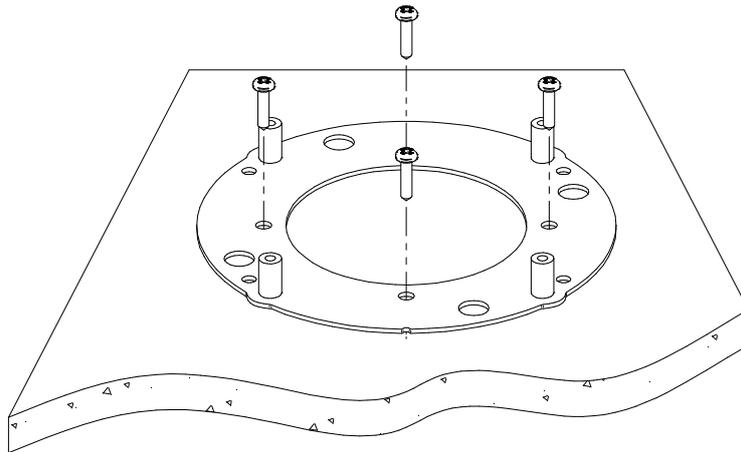
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## Installation Instructions

## Installation

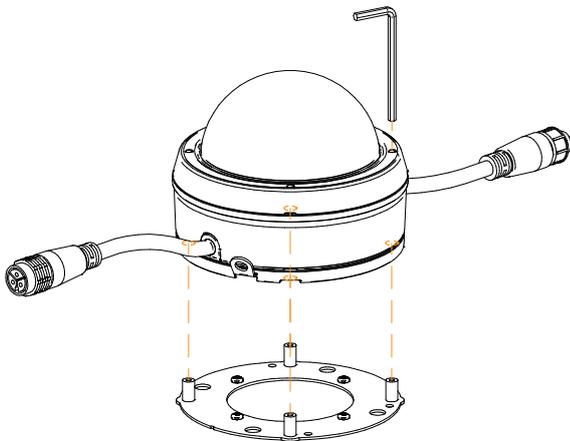
### Step 1

Secure pre-install base to mounting surface. Use maximum 1/5" (5mm) fasteners of type suitable for substrate. **Do NOT use countersunk fasteners.**



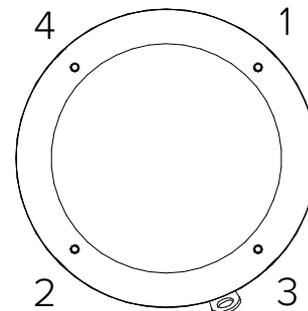
### Step 2

Align luminaire with the pre-install plate; tighten screw to secure luminaire to pre-install plate.



### Step 3

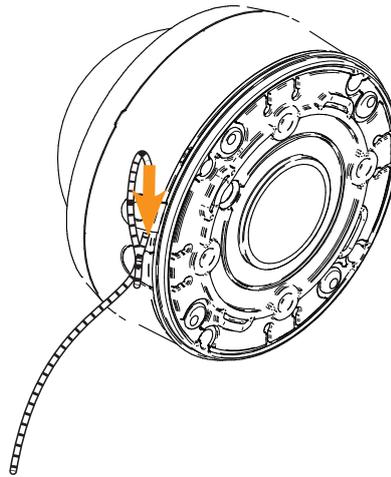
Tighten in the following torque pattern.



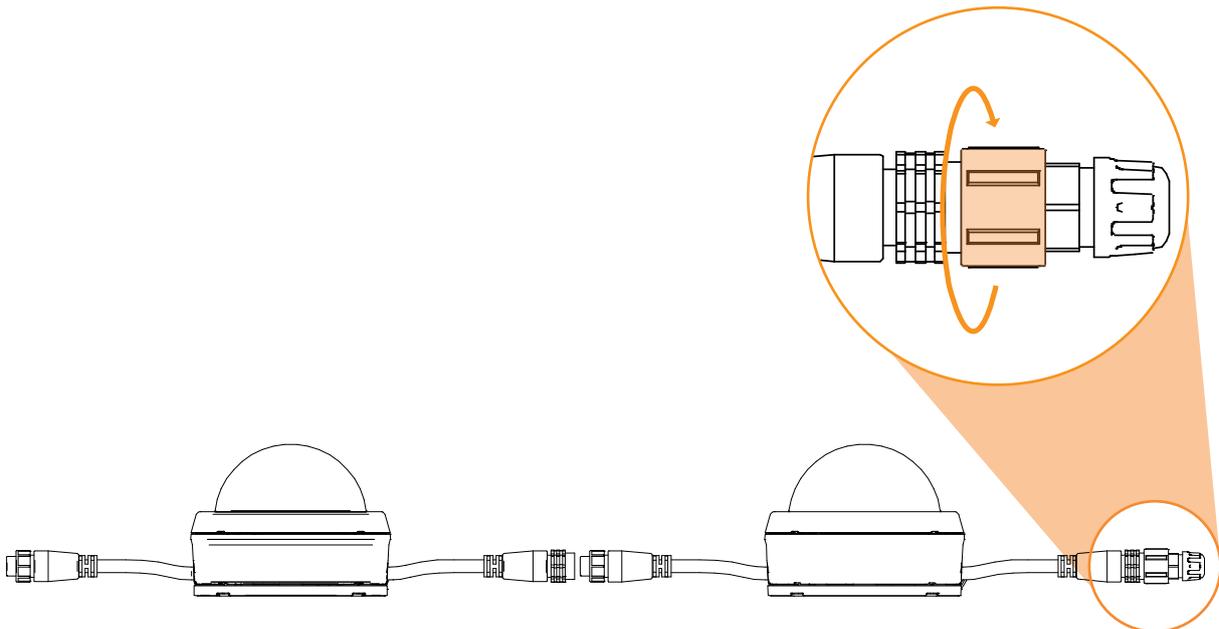
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## Installation

**Step 4** Lanyard attachment bracket. Tie lanyard (supplied by other) to the bracket when required.



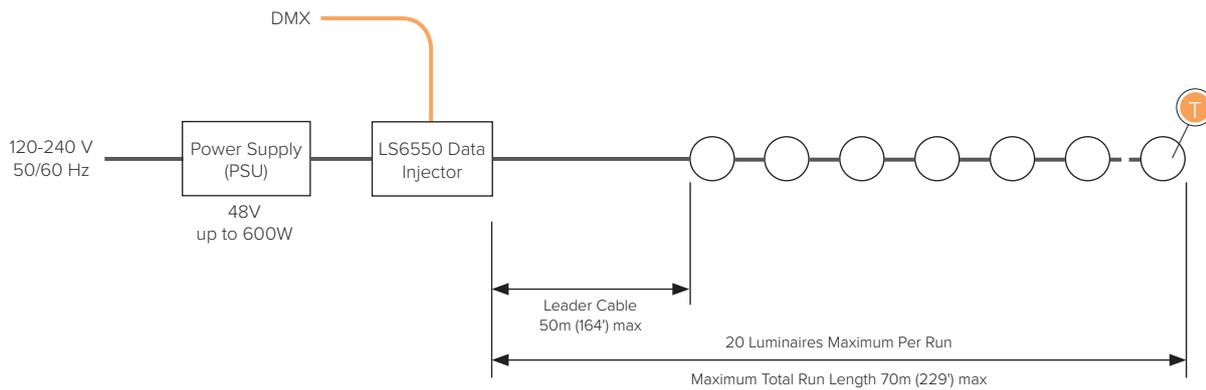
**Step 5** Attach the terminator to the output of the last luminaire in the chain and tighten.



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## Network Topology

### PowerSync™ Low Voltage



**T Terminator**

Use PowerSync™ terminator, supplied with leader cable to terminate last luminaire in chain.

**I Maximum Current**

Through Cables & Connectors ≤12.8A.

**● Connection Type**

Circuits are configured as connectorised. For details consult installation instructions and comply with local electrical codes.

### Up to 20 luminaires per 48V PowerSync circuit / LS6550

Maximum Circuit Loading - Single Run						
LED Power	Max Leader Cable Length from LS6550 to first fitting	Maximum number of luminaires / 48V Power Supply				
		120W	240W	320W	480W	600W
20W	15m / 50ft	4	9	12	17	20
	30m / 98ft	4	9	11	16	18
	50m / 164ft	4	8	10	14	15

Values in the above table show the maximum circuit loading per 48V circuit. Values are based on 1.2m (4.0') spacing. Smaller spacing may effect the circuit loading. Extended fixture cables, inclusion of jumper cables, or longer leader cable will effect loading. Contact factory for details. Circuits can be made up of up to 20 fixtures, up to the maximum circuit loading in the table above. Circuits are limited to maximum 12.8A. For non-continuous runs, contact factory for details. For assistance, contact Lumascape.

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