

Step 1

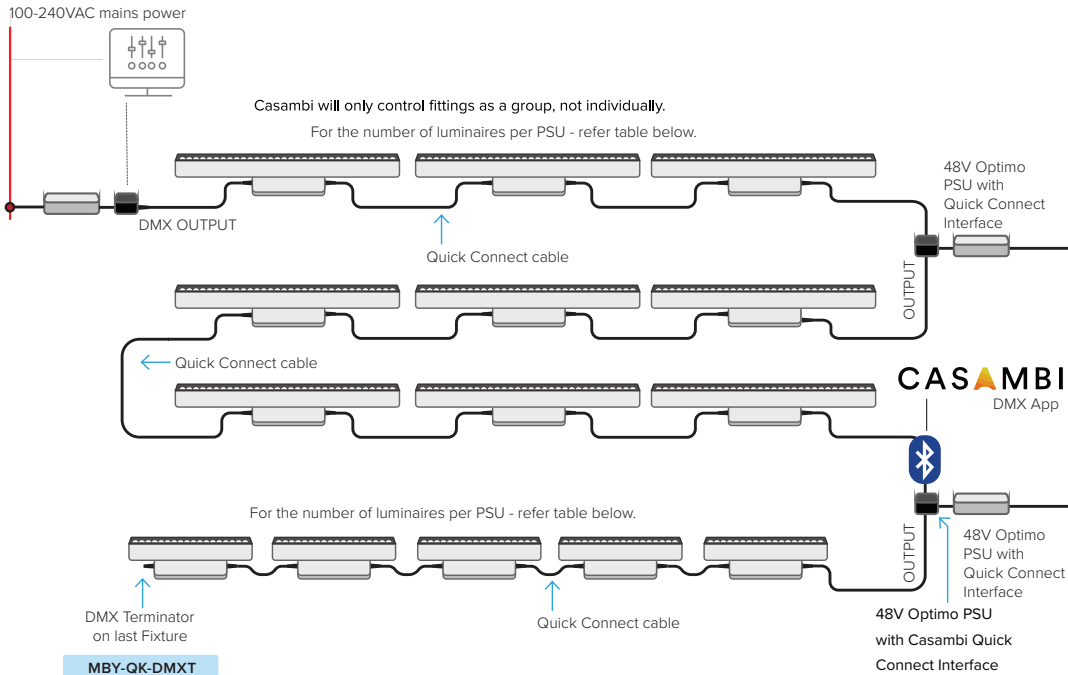
READ ALL SAFETY INSTRUCTIONS FIRST



- Follow instructions carefully, failure to do so will void warranty.
- Ensure installation complies with local law and applicable standards.
- **Input Voltage Range 40 - 55Vdc**
- Only use a Megabay Optimo power supply unit and Quick Connect cabling.
- Ensure mains input power is surge protected.
- Never make connections whilst the power is connected.
- Do not make modifications or alter the product.
- Keep luminaire clean and free of debris.

Step 2

REVIEW THE SYSTEM SCHEMATIC



48V PSU with QUICK CONNECT INTERFACE

ITEM	WATTS	CONTROL
MLE-OM-48V	320W	DMX
	320W	320 watts NDM no dimming
	240W	240 watts DMX DMX
	150W	150 watts CAS Casambi
	60W	60 watts

POWER SUPPLY TO LUMINAIRE TABLE

48V Optimo High Performance IP67 Power Supply Units can power the maximum number of luminaries

48V Optimo Power Supply	VE5 - 500mm		VE10 - 1000mm	
	15W	30W	25W	50W
MLE-OM-48V-320W	18	9	11	5
MLE-OM-48V-240W	12	6	8	4
MLE-OM-48V-150W	7	3	5	2
MLE-OM-48V-60W	3	1	2	1

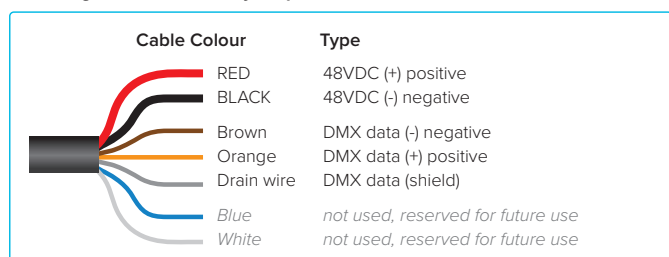
QUICK CONNECT CABLE

ITEM	LENGTH
MBY-QK-CABLE	0.6M
	600mm 0.6M
	800mm 0.8M
	1 metre 1M
	2 metres 2M
	5 metres 5M
	10 metres 10M
	20 metres 20M
	50 metres 50M

DMX TERMINATOR

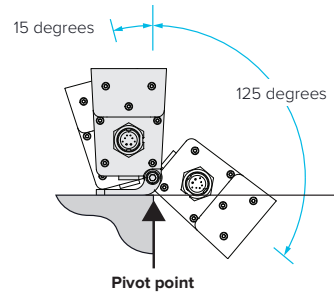
ITEM
MBY-QK-DMXT
For DMX control only, remove the END CAP and use the terminator on the end of the last fixture.

Cutting cable should only be performed to connect to DMX controller



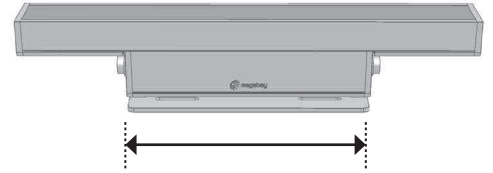
Step 3

Determine which way the fixture will pivot to suit the installation requirements.



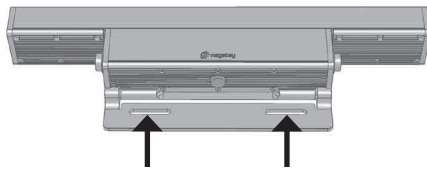
Step 4

Position the fixtures, and mark the location of the mounting bracket. A bracket template is provided on page 3.



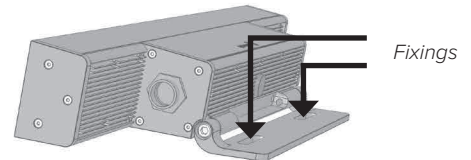
Step 5

Mark the position of the fixing holes through the bracket slots. Remove the fixture to ensure no damage is caused to the anodised finish during drilling.



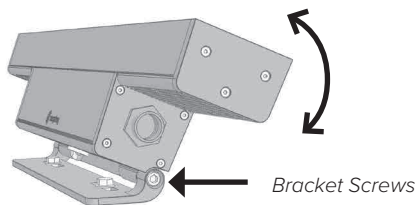
Step 6

Replace the fixture, and secure it with suitable fixings to the supporting structure. Use nylon washers to protect exterior anodised finish.



Step 7

Partially tighten the bracket screws at each end, and pivot the fixture body as desired.

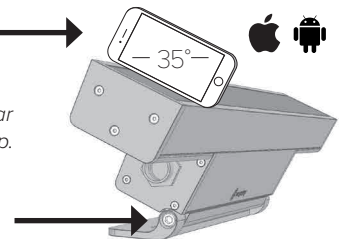


Step 8

Use a Smartphone with an inclinometer app to measure exact angles of rotation.

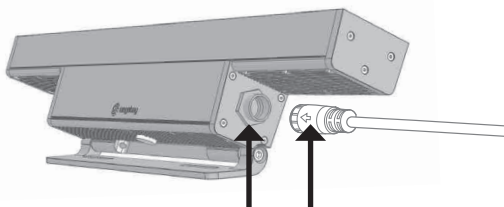
Search for the terms "spirit level", "inclinometer", "digital tiltmeter" or similar to download a digital app.

Tighten bracket screws to finalise angle.



Step 9

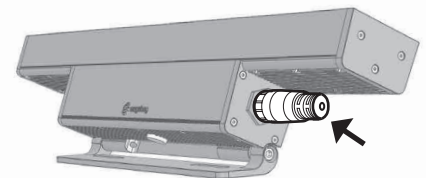
Only connect fixtures with the supplied **Quick Connect** cables.



Align both "indicator arrows" before making the connection. A "click" sound will be heard when locked correctly.

Step 10

Always **Terminate** the unused end of the last fixture. The Lighting Control System in use determines the method to be used.



DMX

Use the supplied Megabay **DMX Terminator** to connect to the last open connection.

Step 11

Check Step 2 to ensure the correct Wiring Schematic has been followed. Check Input Voltage Range is **40Vdc - 55Vdc**. Apply power and check operation.

MOUNTING BRACKET FULL SIZE TEMPLATE

CHECK THIS DIMENSION IF PRINTING FROM PDF
Always print with **ACTUAL SIZE**, do not use FIT TO PAGE.

