

Lighting & Electrical

LED Ceiling Light Panels

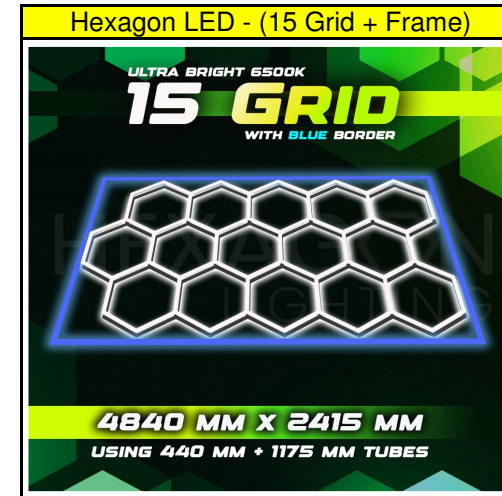
LED Ceiling Light Panels



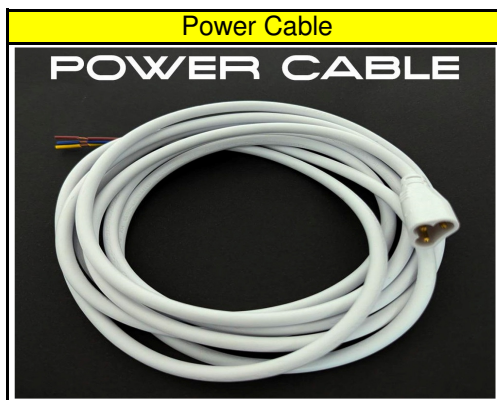
Supplied with 1x Colour Hexagonal
White



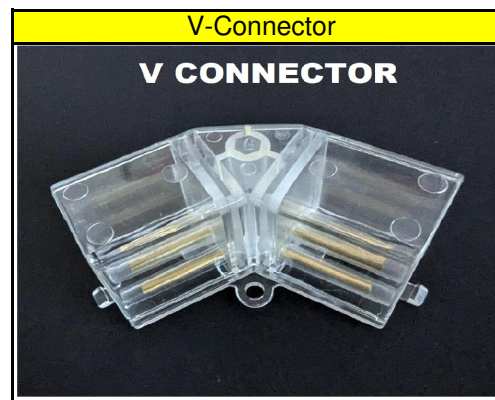
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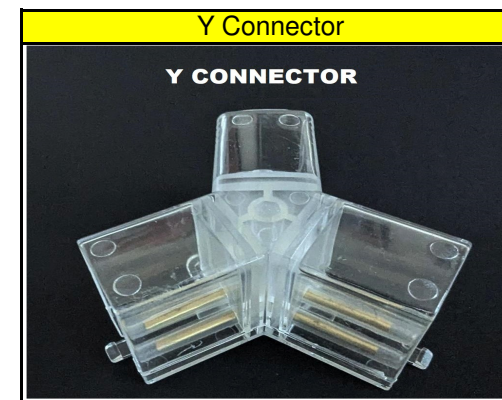
Supplied with 5x Colour Frames
Blue, Green, Pink, Red, White



Cable supplied in 2M
Cable end has 3-Pin Connector



V Connector
Designed to join 2x LED Tubes
Connector has a 120 Degree Angle



Y Connector
Designed to join 3x LED Tubes
Also for allowing a Power Connection

Ceiling - Fitting Instructions - Hexagon LED - (11 Grid)

Step 1 - Plan Ahead

These instructions are assuming you are adding the display to your ceiling
The display can be added to plaster board ceiling, due to the light weight
Before starting, plan your ceiling area - the required area is = **4145 x 2990mm**

Step 2 - Components

47 x 575 mm LED Tubes
15 x 120 ° V Modular Connectors
21 x 120 ° Y Modular Connectors
1 x 250 mm Power Cable

Step 3 - Power

The supplied power cable plugs into a "Y Connector"
The Y Connector power, holds 2x LED Tubes, as well as the power cable
Hence, this is normally fitted on 1x outer edge
So, plan where your power source needs to be, before full assembly
Then, employ a qualified electrician to make the final connection, to a wall switch

Step 3 - Fitting (several People)

- 1 If you have additional people on site, you could assemble the whole display on the floor
- 2 Then, with the help of your assistants, lift the whole display, and attach to the ceiling
- 3 Display is secured with screws, that attach through the V & Y connectors - see page 1 (images)

Step 4 - Fitting (1x Person)

- 1 Decide where you want to start, this will be @ 1x corner
- 2 We would advise you add a pencil mark of 1x hexagon then, attach to this pencil mark
- 3 Create 1x hexagonal shape then, lift and secure to the ceiling
Display is secured with screws, that attach through the V & Y connectors - see page 1 (images)
- 4 Now keep adding tubes and connectors to finish the whole display
Connectors, if they are for 2x tubes use the V Connectors
Connectors, if they are for 3x tubes use the Y Connectors
Just remember, the final power connector, needs 1x Y Connector, for the power cable
- 5 Finally, employ an electrician to complete the final work, also adding a wall light switch



Supplied with 1x Colour Hexagonal
White

Ceiling - Fitting Instructions - Hexagon LED - (14 Grid)

Step 1 - Plan Ahead

These instructions are assuming you are adding the display to your ceiling
The display can be added to plaster board ceiling, due to the light weight
Before starting, plan your ceiling area - the required area is = **4085 x 2360mm**

Step 2 - Components

57 x 400 mm LED Tubes
17 x 120 ° V Modular Connectors
27 x 120 ° Y Modular Connectors
1 x 250 mm Power Cable

Step 3 - Power

The supplied power cable plugs into a "Y Connector"
The Y Connector power, holds 2x LED Tubes, as well as the power cable
Hence, this is normally fitted on 1x outer edge
So, plan where your power source needs to be, before full assembly
Then, employ a qualified electrician to make the final connection, to a wall switch

Step 3 - Fitting (several People) - hexagonal LED

- 1 If you have additional people on site, you could assemble the whole 'Hexagonal Part' of the display on the floor
- 2 Then, with the help of your assistants, lift the whole display, and attach to the ceiling
- 3 Display is secured with screws, that attach through the V & Y connectors - see page 1 (images)

Step 4 - Fitting (several People) - Coloured LED Frame

- 1 If you have additional people on site, we would advise 1x person, secures the 'Coloured LED Frame' directly to the ceiling
Reason - trying to assemble on the floor and lifting to your ceiling, may create problems (understated)
- 2 Best to start adding the 1st connector and 1st tube in 1x corner then, working around to create the rectangle frame
Also best to ensure the Y Connector is roughly in the same place as you Hex-Display, for your power source

Step 5 - Please go to next page for 'Fitting with 1x person



Supplied with 1x Colour Hexagonal
White

Ceiling - Fitting Instructions - Hexagon LED - (15 Grid + Frame)

Step 1 - Plan Ahead

These instructions are assuming you are adding the display to your ceiling
The display can be added to plaster board ceiling, due to the light weight
Before starting, plan your ceiling area - the required area is = **4840 x 2415mm**

Step 2 - Components

60 x 400 mm LED Tubes - and - 12 x 1175 mm LED Tubes (Blue, Green, Pink, Red, White)
17 x 120 ° V Modular Connectors - and - 29 x 120 ° Y Modular Connectors
3 x 90 ° Y Modular Connectors - and - 8 x 180 ° Modular Connectors
2 x 250 mm Power Cables

Step 3 - Power

The supplied power cable plugs into a "Y Connector"
The Y Connector power, holds 2x LED Tubes, as well as the power cable
Hence, this is normally fitted on 1x outer edge
So, plan where your power source needs to be, before full assembly
Then, employ a qualified electrician to make the final connection, to a wall switch

Step 4 - Fitting (several People) - Hexagonal LED Display

- 1 If you have additional people on site, you could assemble the 'Hexagonal' part of the Display, on the floor
- 2 Then, with the help of your assistants, lift the whole display, and attach to the ceiling
- 3 Display is secured with screws, that attach through the V & Y connectors - see page 1 (images)
- 4 Once all assembled - employ an electrician to complete the final wiring + adding a wall light switch

Step 5 - Fitting (several People) - Coloured LED Frame

- 1 We would advise that you don't assemble the Coloured Frame on the floor - instead, directly to the ceiling
- 2 Decide where you want to start, this will be @ 1x corner
Now attach 1x Y 90 Degree Connector + Coloured Tube + 1x 180 Degree Connector (together)
Tip - The Y Connector should be facing outside the display (power connection)
- 4 Now lift into the corner position & secure with screw(s) via the connectors
- 5 Now continue adding the tubes
- 6 As you are adding in a straight line, you should be adding a straight Connector
- 7 As you arrive in a corner, you should be adding a corner Connector
- 8 Once all assembled - employ an electrician to complete the final wiring + adding a wall light switch



Hexagon LEDs = White
Frame = Blue, Green, Pink, Red, White

Wall Light Switches
You should have 2x Light Switches 1 for the Hex LEDs + 1 for the Frame LED

Ceiling - Fitting Instructions - Hexagon LED - (15 Grid + Frame)

Step 6 - Fitting (1x Person) - Hexagonal LED

- 1 As you are fitting on your own, you will fit directly to the ceiling, not the floor....
- 2 Decide where you want to start, this will be @ 1x ceiling corner
- 3 Create 1x hexagonal shape then, lift and secure to the ceiling
When attaching, ensure the hex shape is plumb to the area you are covering
The hex shape is secured with screws and within each connector (per-hole)
- 4 Now create another hex shape, and attach to the 1st
- 5 Now repeat until 1x complete line has been created
- 6 You may want to repeat for the next line or add individual tube and connectors
- 7 Just remember, the final power connector, needs 1x Y Connector, for the power cable
- 8 Finally, employ an electrician to complete the final work, also adding a wall light switch

Step 7 - Fitting (1x Person) - Coloured LED Frame

- 1 We would advise that you connect directly to the ceiling (not the floor)
- 2 Decide where you want to start, this will be @ 1x corner
Now attach 1x Y 90 Degree Connector + Coloured Tube + 1x 180 Degree Connector (together)
Tip - The Y Connector should be facing outside the display (power connection)
- 4 Now lift into the corner position & secure with screw(s) via the connectors
- 5 Now continue adding the tubes
- 6 As you are adding in a straight line, you should be adding a straight Connector
- 7 As you arrive in a corner, you should be adding a corner Connector
- 8 Once all assembled - employ an electrician to complete the final wiring + adding a wall light switch



Hexagon LEDs = White
Frame = Blue, Green, Pink, Red, White

Wall Light Switches

You should have 2x Light Switches
1 for the Hex LEDs + 1 for the Frame LED

Tips:

The last few pages revealed the fitting directly to your ceiling, utilising screws
However:
If your ceiling area is really high, you may want to lower the whole display
Lowering the display, is known as a "Suspended Fitting"

Suspended cables are an additional cost

Image 1 = Suspended Cables

These cables are single cables and attach to your ceiling
The cable is 4M in length, and attach's to all of our 'Connectors'

Cables:

As a rule you will need 1x cable per corner of your 'Hex Display'
You will then need to add more cables to support the remaining of the display
If also adding a 'Coloured Frame', even more cables are required

Cable Kit, includes...

1 x 4M Cable & Top & Bottom Fittings
Also has an in-built adjuster, adjusting the height from 100mm to 3950mm

Fitting:

- 1 Decide where the 1st cable is to be fitted (1st Corner)
- 2 Now secure cable to your ceiling and allow the cable to hang loose
- 3 Now repeat this action for all of your 4x corners
- 4 Now repeat again for supporting the lengths (Outer & Inner)
You will NOT need a cable for every connector, as the display is very lightweight
- 5 Now add the bottom section of each cable into each targeted connector pre-drilled hole
- 6 Now connect all your cables together - (you will have lots of cable excess)
- 7 With the help of lots of assistants, start pulling every cable up, to raise your whole display
Take your time here, as you are trying to raise and at equal heights
If you are on your own, its best to connect each Hexagonal shape individually
- 8 Once at your desired height, double check all is level with a spirit level
- 9 Now, once happy, cut-out all unwanted / un-required cable excess
- 10 **Rough Cost = £10+vat per cable**

Image 1 - Suspended Cables



Cables - By Display Type

If cables are required - Tel: 01244 470903
Listed as = **Cable- (Poster Suspension)**

Hexagonal LED - (11 Grid)
Estimated = **12**
12x £10 = £120+vat

Hexagonal LED - (14 Grid)
Estimated = **14**
14x £10 = £140+vat

Hexagonal LED - (15 Grid + Frame)
Estimated "Hex LEDs" = **14**
Estimated "Frame LEDs" = **12**
26x £10 = £260+vat