

Type: \_\_\_\_\_ Qty: \_\_\_\_\_

Project: \_\_\_\_\_



HELIUM LYTE

# FLEXGLOW RGBW



## Design Features:

- 4 in 1 with colours of red, green, blue and warm white.
- Flexible and cuttable every 80.0 X 53.3 mm and 76.2 X 50.8 mm.
- Long lifespan with great lumen maintenance.
- Create rich colour changing effect via controller.
- Back-lit lightbox with depth above 4cm, curved wall, ceiling etc.
- Waterproof: IP64 [Spray Glue Coated) / Nonwaterproof IP22 options available.
- 5 Year warranty indoor use .



# FLEXGLOW RGBW

## Specs Code:

| FIXTURE ID <b>1</b>                                                       | MOUNTING <b>2</b>                                              | SHAPE <b>3</b>                                                  | DIMENSIONS <b>4</b>                                                               | LOCATION <b>5</b>                |
|---------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|
| Flexglow <b>FLXG-RGBW</b><br>RGBW                                         | Surface <b>SRF</b><br>Recessed <b>RCS</b>                      | Rectangle <b>REC</b><br>Circle <b>CIR</b><br>Custom <b>CSTM</b> | Width' X Height' <b>W' X H'</b><br>Diameter <b>DIA'</b><br>Square Feet <b>SQF</b> | DRY <b>DRY</b><br>WET <b>WET</b> |
| LED OPTION <b>6</b>                                                       |                                                                | DIMMING <b>7</b>                                                | VOLTAGE <b>8</b>                                                                  |                                  |
| Red <b>R</b><br>Green <b>G</b><br>Blue <b>B</b><br>White (3000K) <b>W</b> | Red+Green+Blue <b>RGB</b><br>Red+Green+Blue+White <b>RGB+W</b> | DALI <b>DALI</b><br>DMX <b>DMX</b>                              | 120V <b>120V</b><br>120-277V <b>UNV</b>                                           |                                  |

## Order Guide:

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

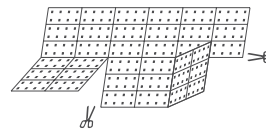
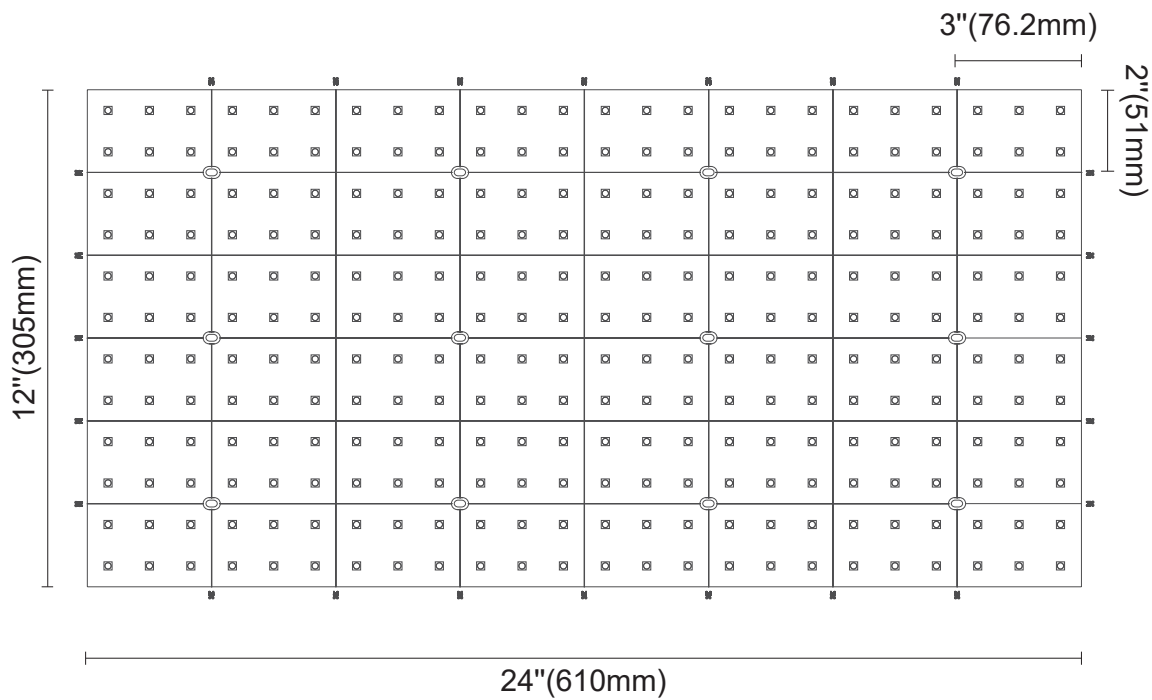
\*Example : FLXG-RGBW-SRF-REC-XX'XX'-DRY-RGB+W-DMX-UNV



# FLEXGLOW RGBW

## Product Details:

Flexible Panel- FLXG-RGBW

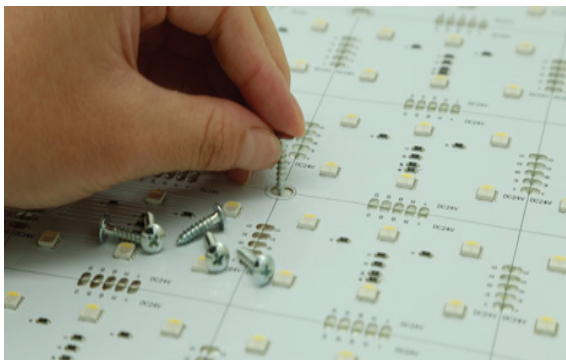
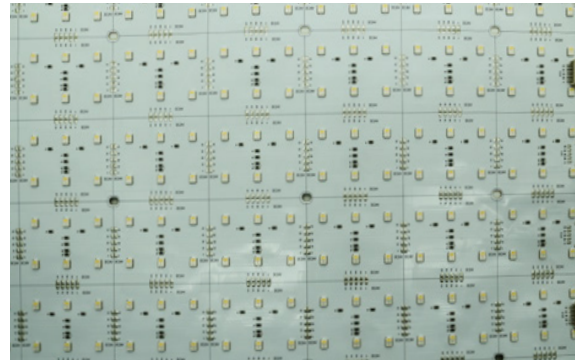


**Min section:** Every individual LED 3" X 2" (76.2 X 51 MM)



# FLEXGLOW RGBW

## Mounting Details:



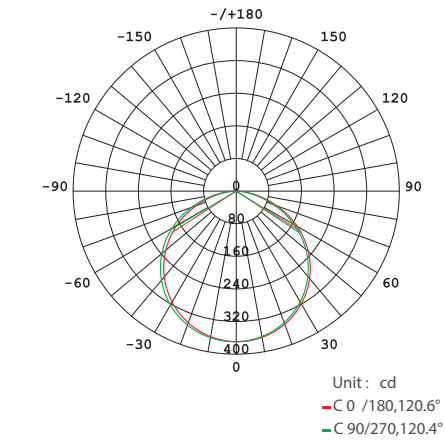
- ☐ Flexible panel
- ☐ Light box bottom



# FLEXGLOW RGBW

## Photometric:

### FLEXGLOW RGBW-120.5D



Flux Out: 798.0lm

|      |                  |         |
|------|------------------|---------|
| 1cm  | 846664,4418079lx | 3.46cm  |
| 2cm  | 211666,1104520lx | 6.93cm  |
| 3cm  | 94074,490898lx   | 10.39cm |
| 4cm  | 52917,276130lx   | 13.86cm |
| 5cm  | 33867,176723lx   | 17.32cm |
| 6cm  | 23518,122724lx   | 20.78cm |
| 7cm  | 17279,90165lx    | 24.25cm |
| 8cm  | 13229,69032lx    | 27.71cm |
| 9cm  | 10453,54544lx    | 31.18cm |
| 10cm | 8467,44181lx     | 34.46cm |

Height Eavg, Emax      Beam Angle : 120.00°      Diameter

Note:The above data are tested with all RGBW lights on.

## Lighting Chart:

| SERIES    | PRODUCT SIZE           | LED QTY.(Pcs.) | WATT/PCs. | MIN. CUTTABLE LENGTH     | MAX RUN(Pcs.) |
|-----------|------------------------|----------------|-----------|--------------------------|---------------|
| FLXG-RGBW | 24"x12"<br>(610x305mm) | 288            | 18W       | 3" X 2"<br>(76.2 X 51mm) | 2             |

## Electrical Parameter:

CRI:80+

### FLXG-RGBW

| Voltage | Light Colour | CCT/Wavelength | LM/pcs | LM/W | W/pcs |
|---------|--------------|----------------|--------|------|-------|
| 24V DC  | R            | 620-630        | 296    | -    | 11.5  |
|         | G            | 515-530        | 845    | -    | 11.5  |
|         | B            | 460-470        | 171    | -    | 11.5  |
|         | W            | 3000           | 1034   | 90   | 11.5  |
|         | R+G+B        | 100000+        | 1274   | -    | 34.5  |
|         | RGB+W        | 100000+        | 2200   | -    | 46    |



# FLEXGLOW RGBW

## Technical Details:

|               |                              |
|---------------|------------------------------|
| Material      | Flexible pcb sheet           |
| Size          | 24"X 12" (610x305mm)         |
| Min. Section  | Every individual LED         |
| Lumens        | Upto 2200lm/Pc.              |
| Wattage       | 11.5W / 34.5W / 46W per Pcs. |
| Efficacy      | Upto 90 Lm/W (White LED)     |
| CRI           | 80+                          |
| CCT           | 3000K (White LED)            |
| LED           | SMD5050                      |
| Beam Angle    | 120°                         |
| Working Temp. | -20~+60°C                    |
| Storage Temp. | -20~+70°C                    |
| Dimming       | DALI / DMX                   |
| Voltage       | 120V / 120-277V              |
| Certification | ETL LISTED                   |

## Accessories & Tools:

|                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |   |  |
| Power Cable                                                                         | Joint Line                                                                           | Self Tapping Screw                                                                    |
|  |  |                                                                                       |
| Built-in-Controller                                                                 | Power Cable For Controller                                                           |                                                                                       |

