



# Flexion II - 50m

FLEXION is our comprehensive range of LED strips for indoor use and feature lighting that you can cut and easily mount in any place your imagination fancies. It comes as High, Medium or Low intensities.

| Product Code | FX5W-1M3K-50M | FX5W-1M4K-50M | FX5W-1M6K-50M | FX8W-1M3K-50M | FX8W-1M4K-50M | FX8W-1M6K-50M | FX15W-1M3K-50M | FX15W-1M4K-50M | FX15W-1M6K-50M |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| SAP Code     | 2002017       | 2002015       | 2002013       | 2002023       | 2002021       | 2002019       | 2002029        | 2002027        | 2002025        |

## KEY INFORMATION

|                        |                      |          |          |                         |          |          |                        |          |          |
|------------------------|----------------------|----------|----------|-------------------------|----------|----------|------------------------|----------|----------|
| Watts                  | 250W                 |          |          | 400W                    |          |          | 750W                   |          |          |
| Input Power            | 5W/m (Low Intensity) |          |          | 8W/m (Medium Intensity) |          |          | 15W/m (High Intensity) |          |          |
| Lumen Output (p/metre) | 531lm/m              | 533lm/m  | 510lm/m  | 668lm/m                 | 696lm/m  | 706lm/m  | 1299lm/m               | 1463lm/m | 1415lm/m |
| Lumen Output           | 26,600lm             | 26,700lm | 25,500lm | 39,000lm                | 40,000lm | 40,000lm | 65,000lm               | 73,200lm | 70,800lm |
| Install                | Surface/DS Tape      |          |          | Surface/DS Tape         |          |          | Surface/DS Tape        |          |          |
| Driver Type            | Not Supplied         |          |          | Not Supplied            |          |          | Not Supplied           |          |          |
| Fitting Colour         | White                |          |          | White                   |          |          | White                  |          |          |
| Warranty               | 5yr                  |          |          | 5yr                     |          |          | 5yr                    |          |          |
| IP Rating              | IP20                 |          |          | IP20                    |          |          | IP20                   |          |          |
| Rebate Scheme Approval | N/A                  |          |          | N/A                     |          |          | N/A                    |          |          |
| LEDs per metre         | 60                   |          |          | 120                     |          |          | 160                    |          |          |
| Cut Interval           | 100mm                |          |          | 50mm                    |          |          | 31.25mm                |          |          |

## PHOTOMETRIC

|            |         |       |       |         |       |       |        |       |       |
|------------|---------|-------|-------|---------|-------|-------|--------|-------|-------|
| Efficacy   | 106lm/W |       |       | 100lm/W |       |       | 90lm/W |       |       |
| LED        | SMD     |       |       | SMD     |       |       | SMD    |       |       |
| CCT        | 3000K   | 4000K | 6500K | 3000K   | 4000K | 6500K | 3000K  | 4000K | 6500K |
| CRI        | >90     |       |       | >90     |       |       | >90    |       |       |
| Beam Angle | 120°    |       |       | 120°    |       |       | 120°   |       |       |

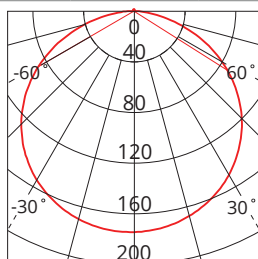
## ELECTRICAL

|                          |              |  |  |              |  |  |              |  |  |
|--------------------------|--------------|--|--|--------------|--|--|--------------|--|--|
| Driver                   | Not Supplied |  |  | Not Supplied |  |  | Not Supplied |  |  |
| LED Input Current        | 1050mA       |  |  | 1600mA       |  |  | 3125mA       |  |  |
| Useful life @Ta25° (L70) | 50,000hr     |  |  | 50,000hr     |  |  | 50,000hr     |  |  |

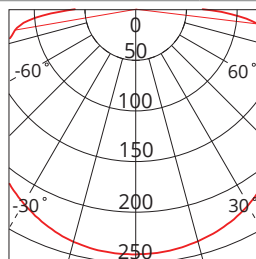
## CONSTRUCTION

|                           |                       |  |  |                       |  |  |                       |  |  |
|---------------------------|-----------------------|--|--|-----------------------|--|--|-----------------------|--|--|
| Fixings/Hardware          | Self Adhesive Backing |  |  | Self Adhesive Backing |  |  | Self Adhesive Backing |  |  |
| Total Weight              | 1.0kg                 |  |  | 1.0kg                 |  |  | 1.0kg                 |  |  |
| Dimensions                | 50,000 x 10 x 2mm     |  |  | 50,000 x 10 x 2mm     |  |  | 50,000 x 10 x 2mm     |  |  |
| Operating Ambient Temp.   | -20 to 45°C           |  |  | -20 to 45°C           |  |  | -20 to 45°C           |  |  |
| Electrical Classification | Class 2               |  |  | Class 2               |  |  | Class 2               |  |  |

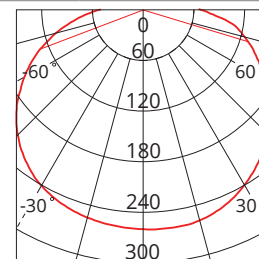
## Photometrics



Unit: cd  
C0/180 117.6deg



Unit: cd  
C0/180 163.2deg  
C90/270 120.3deg



Unit: cd  
C0/180 142.4deg  
C90/270 121.6deg

## Diagrams



IP20 FLEXION