



Product Data Sheet

Category: Signage / Project / Architectural

Application: Surface Mounted Lighting

Product Code: LF-DFB-WW-300-12 through to LF-DFB-RGB-300-12

Product Name: LED Flex – DFB Series 12V



- Features:**
- Super bright 5050 SMD LED chip
 - 12V input, also available in 24V (see 'LED Flex – DFB Series 24V')
 - Cuttable every 50mm
 - Full roll of 5m continuous length
 - 120° beam angle
 - IP20 (indoor) rating, also available in IP67 (add “-A” to the end of the code) and IP68 ratings (add “-AA”)
 - Easy installation with pre-applied 3M tape to back
 - Custom warmer colour temperatures available
 - Standard CRI = >80

Technical Data:

| Product Code | Input Voltage | Colour | LED Chip Size | LED Quantity | PCB Size | CRI | Power | Lumen Output | Beam Angle | IP Rating |
|-------------------|---------------|----------------------------|---------------|-------------------------------|----------|-----|------------------------|--------------|------------|-----------|
| LF-DFB-WW-300-12 | 12VDC | Warm White (2800-3100K) | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 811lm/m | 120° | IP20 |
| LF-DFB-NW-300-12 | 12VDC | Natural White (3800-4300K) | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 811lm/m | 120° | IP20 |
| LF-DFB-PW-300-12 | 12VDC | Pure White (6000-7000K) | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 1079lm/m | 120° | IP20 |
| LF-DFB-R-300-12 | 12VDC | Red (620-625nm) | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 273lm/m | 120° | IP20 |
| LF-DFB-G-300-12 | 12VDC | Green (520-525nm) | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 714lm/m | 120° | IP20 |
| LF-DFB-B-300-12 | 12VDC | Blue (465-470nm) | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 221lm/m | 120° | IP20 |
| LF-DFB-A-300-12 | 12VDC | Amber (585-590nm) | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 294lm/m | 120° | IP20 |
| LF-DFB-RGB-300-12 | 12VDC | RGB | 5050 | 60 LEDs/m or 300 LEDs/5m roll | 10mm | >80 | 14.4W/m or 72W/5m roll | 960lm/m | 120° | IP20 |

S SIGNAGE **P** PROJECT **A** ARCHITECTURAL **R** RETAIL **C** COMMERCIAL



Product Data Sheet

Category: Signage / Project / Architectural

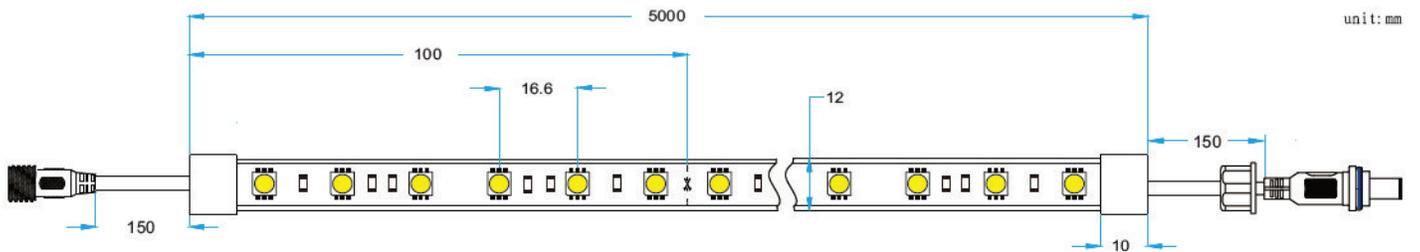
Application: Surface Mounted Lighting

Product Code: LF-DFB-WW-300-12 through to LF-DFB-RGB-300-12

Product Name: LED Flex – DFB Series 12V



Dimensional Drawings:



S SIGNAGE **P** PROJECT **A** ARCHITECTURAL **R** RETAIL **C** COMMERCIAL



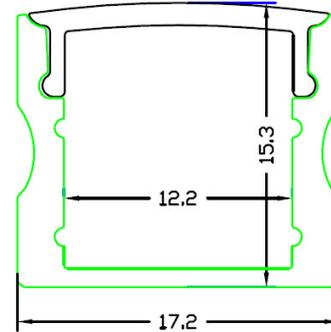
Product Data Sheet

Category: Project / Architectural

Application: Surface Mounted Profile

Product Code: PR-LIN-172153

Product Name: Aluminium Linear (17.2x15.3mm) Profile



- Features:**
- Linear profile
 - Can be used with clear, frosted or opal diffuser
 - Suitable for under-shelf lighting, workstation task lighting, accent lighting, display and cabinet lighting
 - Single continuous lengths of up to 2.5m
 - Standard anodised finish, optional colour coating is available on request
 - Can be used with numerous NPA LED Flex products, with PCB board width up to 12mm

Related Products:

| Product | Product Code | Description |
|------------------|-----------------|---|
| End caps (pair) | PREC-LIN-172153 | One with hole for wire entry, one without |
| Mounting clip | PRMC-LIN-172153 | Mounting bracket for profile |
| Clear diffuser | PRC-LIN-C | Transparent, LEDs visible |
| Frosted diffuser | PRC-LIN-F | Semi-transparent |
| Opal diffuser | PRC-LIN-O | Fully diffused, no spotting |