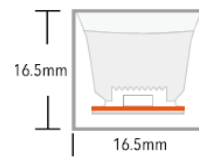
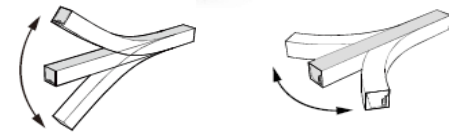
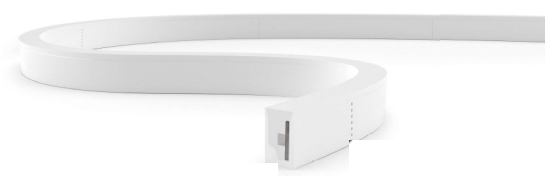


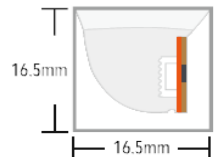
| PROJECT | PART # | PREPARED BY | QUANTITY | DATE | NOTES |
|---------|--------|-------------|----------|------|-------|
|         |        |             |          |      |       |



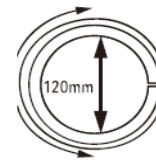
Silicone Flex LED Neon offers a unique enhancement to your lighting project, and is engineered for maximum performance and reliability in demanding environments. This flexible linear lighting solution delivers vibrant RGBW illumination with selectable white color temperatures, making it ideal for architectural, commercial and a multitude of creative applications. Perfect for any size commercial project! Customized sizing available.



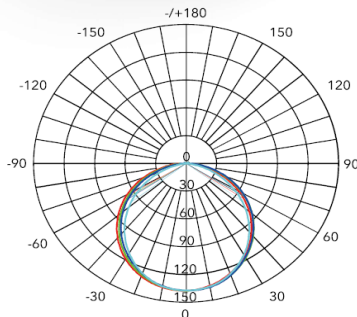
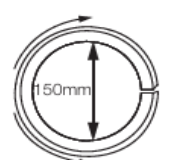
**SF16**



**SF17**

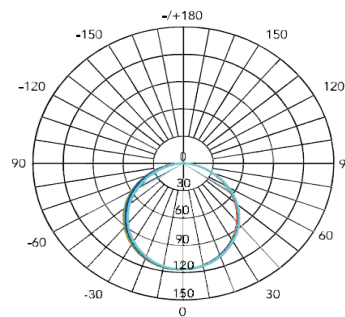


**Minimum Bending Diameter**



**SF16**

**Illuminance Distribution**



**SF17**



**Bluetooth  
MESH**



### FEATURES

|                                        |                                                                            |
|----------------------------------------|----------------------------------------------------------------------------|
| <b>Casambi Ready / Plug &amp; Play</b> | Easy to implement and/or add to existing Casambi BLE network               |
| <b>Ecosystem Fit</b>                   | We offer many RGBW Casambi-enabled lighting products                       |
| <b>Robust, Secure &amp; Reliable</b>   | Currently used in airports, roadways, and many other critical applications |
| <b>Scalable &amp; Affordable</b>       | Add to your wireless lighting system at your own pace and budget           |
| <b>Over 16.7 Million Colors</b>        | Bespoke designs and creative applications                                  |
| <b>Resistant</b>                       | UV, Anti-yellowing, Flame, Saltwater, Solvents, Dirt                       |
| <b>Submersible</b>                     | IP68 Rated Mold Injected Connectors                                        |
| <b>Certifications</b>                  | LM-80 Tested / CE / RoHS / FCC                                             |
| <b>Warranty</b>                        | 5YR                                                                        |

### CONTROLS

|                                          |                                                                                                                |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>BLE Mesh Distance</b>                 | Bi-directional communication up to 656', full mesh redundancy, extenders to connect components around barriers |
| <b>Wifi / Cellular</b>                   | Remote gateway access to wifi and cellular networks                                                            |
| <b>Component Ready</b>                   | Add switches, sensors or any of our other Casambi-enabled products                                             |
| <b>Smart Automation &amp; Efficiency</b> | Employ motion, occupancy, daylight or lux sensors, smart dimming & scheduling                                  |
| <b>Maintenance</b>                       | Firmware updates carried out automatically, cloud backups                                                      |
| <b>Commissioning &amp; Support</b>       | Partnered with Casambi Support Network                                                                         |
| <b>User Control</b>                      | App-driven commissioning, hierarchical access, overrides                                                       |
| <b>Security</b>                          | AES-128, ECDH, SHA-256 Encryption, self healing, OTA updates                                                   |

| PROJECT | PART # | PREPARED BY | QUANTITY | DATE | NOTES |
|---------|--------|-------------|----------|------|-------|
|         |        |             |          |      |       |

**SPECIFICATIONS**

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| Dimensions            | 16.5mm <sup>2</sup>                                                                |
| Minimum Bend Diameter | SF16 Top View - Vertical Bending 120mm / SF17 Side View - Horizontal Bending 150mm |
| AC Power              | 100-277 VAC 50/60 Hz                                                               |
| DC Voltage            | 24 / 48                                                                            |
| IK Rating             | 08                                                                                 |
| IP Rating             | 68                                                                                 |
| Operating Temp        | -40C to +55C                                                                       |

| Part Code | Volts | LED Type | LED Count | Color | CCT | W/m | Unit/LEDs | Cutting Unit (cm) | Max Run Length (m) |
|-----------|-------|----------|-----------|-------|-----|-----|-----------|-------------------|--------------------|
|-----------|-------|----------|-----------|-------|-----|-----|-----------|-------------------|--------------------|

**RGBW - PWM**

|                         |    |      |    |      |  |    |    |       |                           |
|-------------------------|----|------|----|------|--|----|----|-------|---------------------------|
| OLSF16-24V-5050-72-RGBW | 24 | 5050 | 72 | RGBW |  | 17 | 6  | 8.33  | 8 one end<br>16 both ends |
| OLSF17-24V-5050-72-RGBW |    |      |    |      |  |    |    |       |                           |
| OLSF16-48V-5050-84-RGBW | 48 | 5050 | 84 | RGBW |  | 15 | 14 | 16.67 | 20 one end only           |
| OLSF17-48V-5050-84-RGBW |    |      |    |      |  | 20 |    |       | 14 one end only           |

**RGBW - SPI**

|                         |    |      |    |                           |  |    |   |    |                           |
|-------------------------|----|------|----|---------------------------|--|----|---|----|---------------------------|
| OLSF16-24V-5050-70-SPI4 | 24 | 5050 | 70 | RGBW, UCS8904, 10 pixel/m |  | 18 | 7 | 10 | 8 one end<br>16 both ends |
| OLSF17-24V-5050-70-SPI4 |    |      |    |                           |  |    |   |    |                           |

**TUNABLE WHITE**

|                        |    |      |     |                    |                                                        |    |    |    |                            |
|------------------------|----|------|-----|--------------------|--------------------------------------------------------|----|----|----|----------------------------|
| OLSF16-24V-2835-120-DW | 24 | 2835 | 120 | White, specify CCT | 2200K+5700K/<br>2700K+5700K/<br>3000K+5700K/<br>Custom | 12 | 12 | 10 | 10 one end<br>20 both ends |
| OLSF17-24V-2835-120-DW |    |      |     |                    |                                                        |    |    |    |                            |

**DIM TO WARM**

|                         |    |      |     |       |            |    |    |    |                            |
|-------------------------|----|------|-----|-------|------------|----|----|----|----------------------------|
| OLSF16-24V-2835-120-DTW | 24 | 2835 | 120 | White | 1800-3000K | 12 | 12 | 10 | 10 one end<br>20 both ends |
| OLSF17-24V-2835-120-DTW |    |      |     |       |            |    |    |    |                            |

**MONO COLOR**

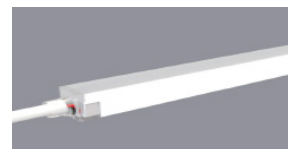
|                          |    |      |     |                                                                                                                                                                                             |                                                  |    |    |    |                            |
|--------------------------|----|------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----|----|----|----------------------------|
| OLSF16-24V-3528-144-X/XK | 24 | 3528 | 144 | W-White, specify CCT<br>R-Red 620-630nm<br>LY-Lemon Yellow<br>570-580nm (SF17 only)<br>A-Amber 585-595nm<br>G-Green 520-530nm<br>P-Pink 610-620nm<br>O-Orange 595-605nm<br>B-Blue 455-465nm | 2700/3000/3500/<br>4000/4500/5000/<br>5700/6500K | 10 | 12 | 10 | 10 one end<br>20 both ends |
| OLSF17-24V-2835-120-X/XK |    | 2835 | 120 |                                                                                                                                                                                             |                                                  |    |    |    |                            |
| OLSF16-48V-3528-140-X-XK |    | 3528 | 140 | W / R / A / G / B                                                                                                                                                                           |                                                  | 9  | 10 | 10 | 20 one end<br>40 both ends |
| OLSF17-48V-3528-140-X-XK | 48 |      |     |                                                                                                                                                                                             |                                                  | 10 | 12 | 10 | 10 one end only            |

| PROJECT | PART # | PREPARED BY | QUANTITY | DATE | NOTES |
|---------|--------|-------------|----------|------|-------|
|         |        |             |          |      |       |

**CONFIGURATION ACCESSORIES**

| Description            | Mold Injected Connector with Endcap, seamless joint connection, IP68 |                                  |                                                                                       |
|------------------------|----------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Code              | Output                                                               | Length (m)                       | Photo                                                                                 |
| MJ-SF16/17-X-S01-06    | Side - Right                                                         | 0.6 Bare Wire                    |    |
| MJ-SF16/17-X-S01SM-03  | Side - Right                                                         | 0.3 with Male Connector          |    |
| MJ-SF16/17-X-S02-06    | Side - Left                                                          | 0.6 Bare Wire                    |    |
| MJ-16/17-X-S02SF-03    | Side - Left                                                          | 0.3 with Male Connector          |    |
| MJ-SF16/17-X-S02SM-03  | Front / Side - Left                                                  | 0.3 with Male Connector          |    |
| MJ-SF16/17-X-S03-06    | Side - Left & Right                                                  | 0.6 Bare Wire                    |    |
| MJ-SF16/17-X-S03SFM-03 | Side - Left & Right                                                  | 0.3 with Male & Female Connector |    |
| MJ-SF16/17-X-D01-06    | Direct - Right                                                       | 0.6 Bare Wire                    |   |
| MJ-SF16/17-X-D01SM-03  | Direct - Right                                                       | 0.3 with Male Connector          |  |
| MJ-SF16/17-X-D02SM-03  | Front / Direct - Left                                                | 0.3 with Male Connector          |  |
| MJ-SF16/17-X-D03-06    | Direct - Left & Right                                                | 0.6 Bare Wire                    |  |
| MJ-SF16/17-X-D03SMF-03 | Direct - Left & Right                                                | 0.3 with Male & Female Connector |  |
| MJ-SF16/17-X-B01-06    | Bottom - Right                                                       | 0.6 Bare Wire                    |  |
| MJ-SF16/17-X-B01SM-03  | Bottom - Right                                                       | 0.3 with Male Connector          |  |
| MJ-SF16/17-X-B02SM-03  | Front / Bottom - Left                                                | 0.3 with Male Connector          |  |
| MJ-SF16/17-X-B03-06    | Bottom - Left & Right                                                | 0.6 Bare Wire                    |  |
| MJ-SF16/17-X-B03SFM-03 | Bottom - Left & Right                                                | 0.3 with Male & Female Connector |  |
| MJ-SF16-X-L01-06       | L-Shaped - Right                                                     | 0.6 Bare Wire                    |  |
| MJ-SF16-X-L01SM-06     | L-Shaped - Right                                                     | 0.3 with Male Connector          |  |
| MJ-SF16-X-L03-06       | L-Shaped - Left & Right                                              | 0.6 Bare Wire                    |  |
| MJ-SF16-X-L03SFM-03    | L-Shaped - Left & Right                                              | 0.3 with Male & Female Connector |  |


**INJECTION MOLDED END CAP**

**INJECTION MOLDED SIDE ENTRY CONNECTOR**

**INJECTION MOLDED DIRECT ENTRY CONNECTOR**

**INJECTION MOLDED BOTTOM ENTRY CONNECTOR**

**INJECTION MOLDED L-SHAPED ENTRY CONNECTOR**

| PROJECT | PART # | PREPARED BY | QUANTITY | DATE | NOTES |
|---------|--------|-------------|----------|------|-------|
|         |        |             |          |      |       |

**ACCESSORIES - CONNECTORS**

|                            |                                                                        |                              |
|----------------------------|------------------------------------------------------------------------|------------------------------|
| <b>Description</b>         | Bare wire Connector, silicone material, 316 stainless steel ring, IP68 |                              |
| <b>Part Code</b>           | <b>Use</b>                                                             | <b>Length (m)</b>            |
| M12-M-2C-18AWG-D6-W-0327-S | MONO                                                                   | 0.3 with Male Connector      |
| M12-F-2C-18AWG-D6-W-0327-S | MONO                                                                   | 0.3 with Female Connector    |
| M12-M-3C-20AWG-D6-W-0327-S | Tunable White & SPI RGBW                                               | 0.3 with Male Connector      |
| M12-F-3C-20AWG-D6-W-0327-S | Tunable White & SPI RGBW                                               | 0.3 with Female Connector    |
| M12-M-5C-20AWG-D6-W-0327-S | PWM RGBW                                                               | 0.3 with Male Connector      |
| M12-F-5C-20AWG-D6-W-0327-S | PWM RGBW                                                               | 0.3 with Female Connector    |
| MID-CNR-A-1T2              | MONO - Extend length                                                   | 0.3 with 1 to 2 Cable Output |
| MID-CNR-8904-1T2           | RGBW - Extend length                                                   | 0.3 with 1 to 2 Cable Output |


**ACCESSORIES - CABLES**

|                           |                                                               |                                           |
|---------------------------|---------------------------------------------------------------|-------------------------------------------|
| <b>Description</b>        | Extension Cable, PVC material, 316 stainless steel ring, IP68 |                                           |
| <b>Part Code</b>          | <b>Use</b>                                                    | <b>Length (m)</b>                         |
| M12-EXT-2C-18AWG-D6-W-10  | MONO                                                          | 1 with Male and Female Connector, 2 pins  |
| M12-EXT-2C-18AWG-D6-W-20  | MONO                                                          | 2 with Male and Female Connector, 2 pins  |
| M12-EXT-2C-18AWG-D6-W-50  | MONO                                                          | 5 with Male and Female Connector, 2 pins  |
| M12-EXT-2C-18AWG-D6-W-100 | MONO                                                          | 10 with Male and Female Connector, 2 pins |
| M12-EXT-3C-20AWG-D6-W-10  | Tunable White & SPI RGBW                                      | 1 with Male and Female Connector, 3 pins  |
| M12-EXT-3C-20AWG-D6-W-20  | Tunable White & SPI RGBW                                      | 2 with Male and Female Connector, 3 pins  |
| M12-EXT-3C-20AWG-D6-W-50  | Tunable White & SPI RGBW                                      | 5 with Male and Female Connector, 3 pins  |
| M12-EXT-3C-20AWG-D6-W-100 | Tunable White & SPI RGBW                                      | 10 with Male and Female Connector, 3 pins |
| M12-EXT-5C-20AWG-D6-W-10  | PWM RGBW                                                      | 1 with Male and Female Connector, 5 pins  |
| M12-EXT-5C-20AWG-D6-W-20  | PWM RGBW                                                      | 2 with Male and Female Connector, 5 pins  |
| M12-EXT-5C-20AWG-D6-W-50  | PWM RGBW                                                      | 5 with Male and Female Connector, 5 pins  |
| M12-EXT-5C-20AWG-D6-W-100 | PWM RGBW                                                      | 10 with Male and Female Connector, 5 pins |

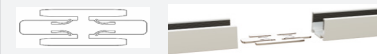

**ACCESSORIES - DRIVERS**

|                     |                                                                                                                   |               |
|---------------------|-------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Description</b>  | Casambi enabled constant voltage wireless dimmable LED power supply, 100-277VAC, PF>0.95, IP66, UL, CE, RoHS, FCC |               |
| <b>Part Code</b>    | <b>Output Voltage and Current</b>                                                                                 | <b>Weight</b> |
| LLC-SC-PSU-BLE-100W | DW: 4.17A; CCT: CW+WW=4.17A; RGBW: R+G+B=4.17A & CW=4.17A; RGBCW: R+G+B=4.17A & CW=4.17A                          | 0.9kg         |
| LLC-SC-PSU-BLE-150W | DW: 6.25A; CCT: CW+WW=6.25A; RGBW: R+G+B=6.25A & CW=6.25A; RGBCW: R+G+B=6.25A & CW=6.25A                          | 1.06kg        |
| LLC-SC-PSU-BLE-200W | DW: 8.33A; CCT: CW+WW=8.33A; RGBW: R+G+B=8.33A & CW=8.33A; RGBCW: R+G+B=8.33A & CW=8.33A                          | 1.06kg        |
| LLC-SC-PSU-BLE-300W | DW: 12.5A; CCT: CW+WW=12.5A; RGBW: R+G+B=12.5A & CW=12.5A; RGBCW: R+G+B=12.5A & CW=12.5A                          | 1.2kg         |



| PROJECT | PART # | PREPARED BY | QUANTITY | DATE | NOTES |
|---------|--------|-------------|----------|------|-------|
|         |        |             |          |      |       |

**ACCESSORIES - CHANNEL**

| <b>Description</b> | Mounting Channel Options:<br>Aluminum<br>Aluminum Flex<br>316 Stainless Steel Flex |                                     |            |       |                                                                                      |
|--------------------|------------------------------------------------------------------------------------|-------------------------------------|------------|-------|--------------------------------------------------------------------------------------|
| Part Code          | Type                                                                               | Color                               | Length (m) | Holes | Photo                                                                                |
| ALC16S08-S-100     | Aluminum Mounting Channel                                                          | Silver white (White/Black optional) | 1          | 2     |   |
| ALC16S08-SP        | Aluminum Channel Splice Accessories<br>Material: Stainless Steel                   |                                     |            |       |   |
| ALC16S05FLX-100    | Aluminum Flexible Mounting Channel                                                 |                                     | 1          |       |   |
| ALC16H02-S-100     | Aluminum Mounting Channel                                                          | Silver white (White/Black optional) | 1          | 2     |   |
| SSC16FLX-10        | 316 Stainless Steel Flexible Mounting Channel                                      |                                     | 1          |       |   |
| ALC17S02FLX-100    | Aluminum Flexible Mounting Channel                                                 |                                     | 1          |       |  |