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## MICROLINE 14x14

### Flexible Display Standard White Corner

## ORDERING CODE

| SERIES | MICRO | microline | |
|---|---|---|---|
| **TYPE** | MF3-WW | microline flex 14x14 corner | |
| **LED** | SW | standard white | |
| **SIZE** | 1 | 1 link, 2-1/2", 55lm delivered | |
| | 2 | 2 link, 5-1/2", 110lm delivered | |
| | 3 | 3 link, 8-1/2", 165lm delivered | |
| | 4 | 4 link, 11-7/16", 220lm delivered | |
| | 5 | 5 link, 14-3/8", 275lm delivered | |
| | 6 | 6 link, 17-5/16", 330lm delivered | |
| | 7 | 7 link, 20-1/4", 385lm delivered | |
| | 8 | 8 link, 23-1/4", 440lm delivered | |
| | 9 | 9 link, 26-3/16", 495lm delivered | |
| | 10 | 10 link, 29-1/8", 550lm delivered | |
| | 11 | 11 link, 32", 605lm delivered | |
| | 12 | 12 link, 35", 660lm delivered | |
| | 13 | 13 link, 38", 715lm delivered | |
| | 14 | 14 link, 41", 770lm delivered | |
| | 15 | 15 link, 44", 825lm delivered | |
| | 16 | 16 link, 46-7/8", 880lm delivered | |
| **CCT** | 18K | 1800K | (0.75) |
| | 22K | 2200K | (0.80) |
| | 24K | 2400K | (0.88) |
| | 27K | 2700K | (0.95) |
| | 30K | 3000K | (1.00) |
| | 35K | 3500K | (1.03) |
| | 40K | 4000K | (1.06) |
| **CRI** | 90[1] | 90 CRI+ | |
| | 95 | 95 CRI+ | |
| **LENS OPTIONS** | UD | ultra diffused | |
| **FINISH** | BK | black | |
| | WH | white | |
| | BS | polished brass | |
| | GD | gold | |
| | AL | brushed chrome | |
| **VOLTAGE** | 24 | 24V | |
| **ACCESSORIES** | | See page 2 for details. | |

Follow the steps to specify your fixture, example:
**MICRO - MF3 - WW - SW - 6 - 30K - 95 - UD - BK - 24**

### NOTES

1. Available in 18K/22K/24K.

### FEATURES

- Discreet 9/16" x 9/16" form factor.
- Max 230 lumens per foot delivered.
- Full range of mounting and finish options available.
- Homogenous light distribution.

### HOUSING

- Available in black, white, polished brass, gold, and brushed chrome finishes.

### MOUNTING

- Surface mount with U-clips or L mounting brackets.
- Capable of being mounted directly to magnetic surfaces.

### ELECTRICAL/CONTROLS

- 6W per foot.
- 24V constant voltage remote driver required.
- Maximum 16' run per 96W driver. See wiring guide.

### LISTING

- cULus Listed to UL2108, IP20 - Suitable for dry location only.

### LED INFO

- SMD LED: 90, 95 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: $L_{70}$ > 50,000 hrs

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## POWER TABLE

| MICRO | DELIVERED LUMENS | LED POWER |
|---|---|---|
| NO. LINKS | LUMENS (3000K) | W (95CRI+) |
| 1 LINK | 55 | 2 |
| 2 LINK | 110 | 3 |
| 3 LINK | 165 | 3.6 |
| 4 LINK | 220 | 5 |
| 5 LINK | 275 | 6 |
| 6 LINK | 330 | 8 |
| 7 LINK | 385 | 9 |
| 8 LINK | 440 | 10 |
| 9 LINK | 495 | 11 |
| 10 LINK | 550 | 12 |
| 11 LINK | 605 | 14 |
| 12 LINK | 660 | 15 |
| 13 LINK | 715 | 16 |
| 14 LINK | 770 | 17 |
| 15 LINK | 825 | 18 |
| 16 LINK | 880 | 20 |

## PRODUCT DIMENSIONS
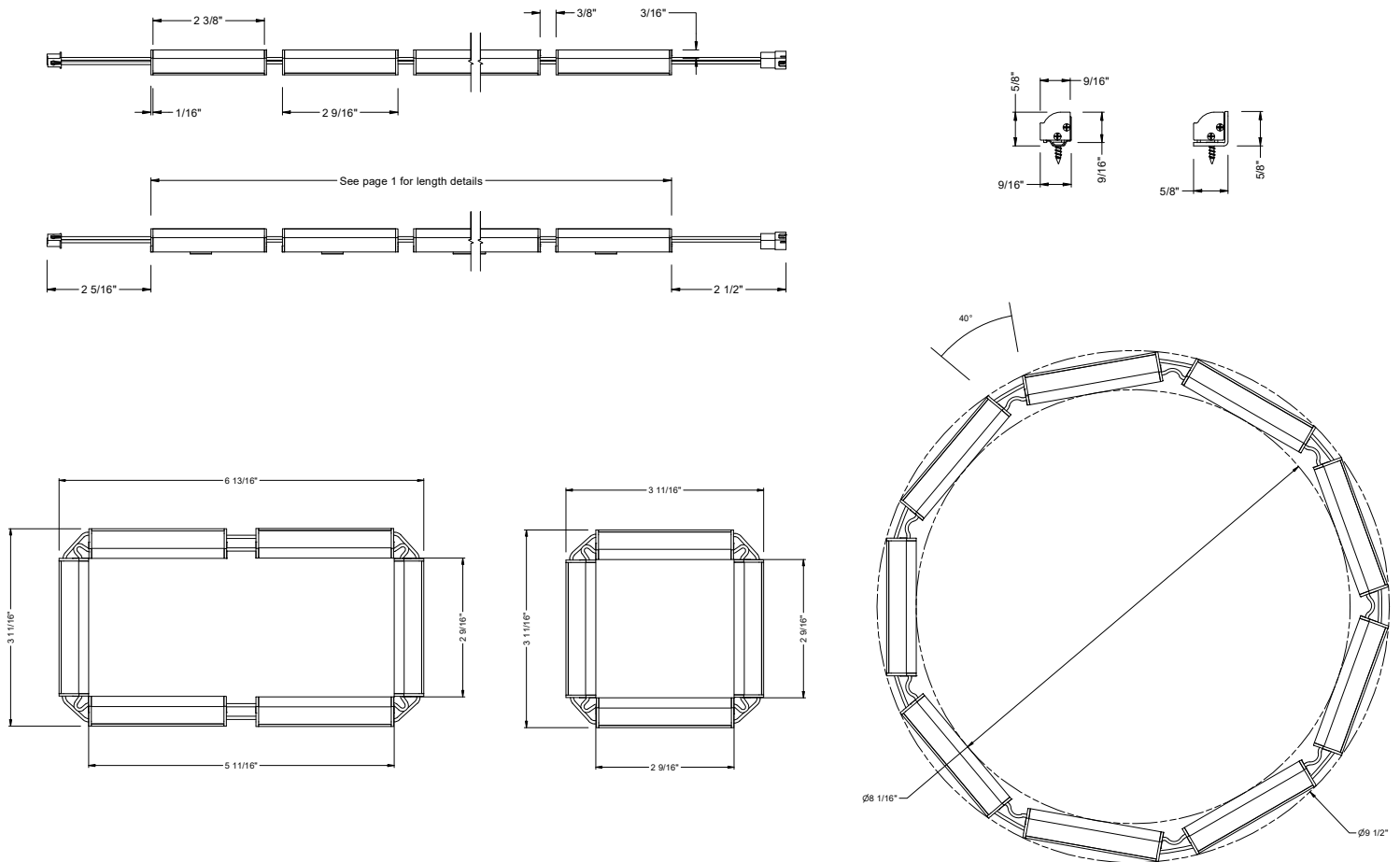


## ACCESSORIES

| | |
|---|---|
| MICRO-EXT-HARNESS[1] | 40" extension harness, microline to driver |
| MICRO-DRIVER-HARNESS | 12" wire leads with female plug, included with driver |
| MICRO-LBRKT[2,3] | mounting L-bracket |
| MICRO-UCLIP[2,3] | mounting U-clip |
| MICRO-SCREW[2,3] | screw for U-clip and brackets |

**NOTES**
1. Do not use more than five (5) harness extensions on a single run.
2. Mounting accessories are only for additional or spare circumstances.
   All Microline include adequate quantity of mounting components.
3. Must order one per link.

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## REMOTE DRIVER - 24VDC DRIVER

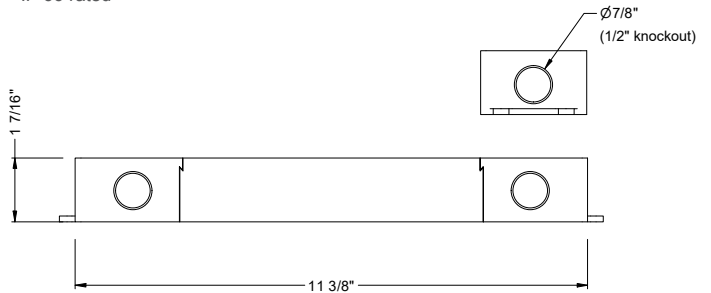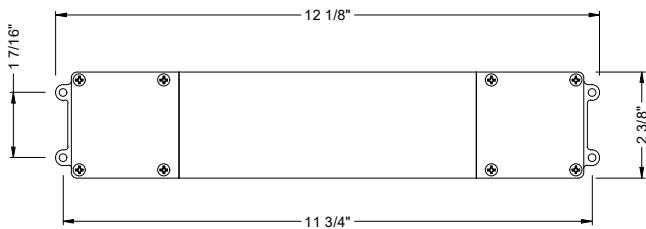| SERIES | P70501-MICRO | LED driver with box and harness |
|---|---|---|
| VOLTAGE | 24 | 24V |
| DIMMING | DIM10 | 0-10V dimming to 1% |
| ELECTRICAL OPTIONS | 96 | 96W |

### ORDERING CODE

Follow the steps to specify your fixture, example:
**P70501 - MICRO - 24 - DIM10 - 96**

### DESCRIPTION

- 0-10V dimmable smooth flicker free dimming down to 1%
- Integrated junction box with multiple 7/8" knockouts
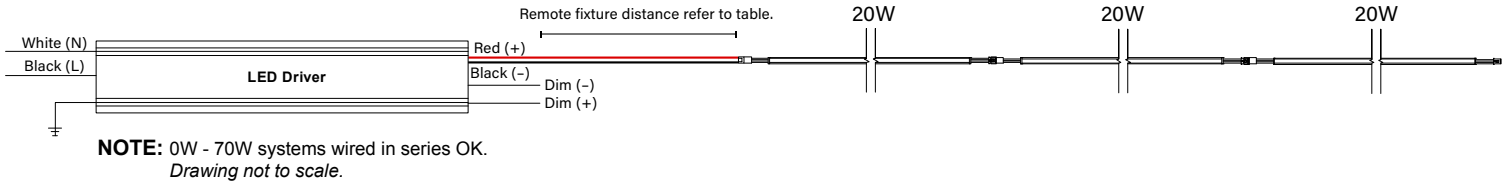- UL2043 plenum rated

### ELECTRICAL/CONTROLS

- 120-277Vac, 50/60Hz input
- 24Vdc, 96W output
- 0-10V compatible
- Operating temperature: -13°F to 104°F
- Class II rated
- Short circuit protection
- Overload protection
- Over-voltage protection
- Thermal protection
- IP 66 rated

Ø7/8" (1/2" knockout)

12 1/8"
1 7/16"
2 3/8"
11 3/4"
1 7/16"
11 3/8"

## WIRING GUIDES

### SERIES

White (N)
Black (L)
**LED Driver**
Red (+)
Black (–)
Dim (–)
Dim (+)

Remote fixture distance refer to table.

20W     20W     20W

**NOTE:** 0W - 70W systems wired in series OK.
*Drawing not to scale.*

| REMOTE FIXTURE DISTANCE | |
|---|---|
| AWG VALUE | DISTANCE (FT) |
| 20 AWG (USING MICRO-EXT-HARNESS)1 | 16.4 |
| 16 AWG (BY OTHERS) | 30 |
| 14 AWG (BY OTHERS) | 50 |
| 12 AWG (BY OTHERS) | 70 |

1. Five (5) harness extension maximum used to achieve distance.

### PARALLEL

White (N)
Black (L)
**LED Driver**
Red (+)
Black (–)
Dim (–)
Dim (+)

Remote fixture distance refer to table.

20W     20W     10W

20W     20W

**NOTE:** 71W - 96W systems must be wired in parallel. Wattage of any run must not exceed 70W to ensure proper function. *Drawing not to scale.*

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