

# **MICROLINE 14x14**

# Flexible Cove Standard White Corner



### **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

- SMD LED: 90, 95 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L<sub>70</sub> > 50,000 hrs

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

#### ORDERING CODE

SERIES   MICRO   microline	ORDERING CO	DE		
SIZE	SERIES	MICRO	microline	
SIZE  1	TYPE	MF3-WW	microline flex 14x14 corner	
2 2 link, 5-1/2", 110 lm delivered 3 3 3 link, 8-1/2", 165 lm delivered 4 4 4 link, 11-7/16", 220 lm delivered 5 5 5 link, 14-3/8", 275 lm delivered 6 6 6 link, 17-5/16", 330 lm delivered 7 7 7 link, 20-1/4", 385 lm delivered 8 8 8 link, 23-1/4", 440 lm delivered 9 9 link, 26-3/16", 495 lm delivered 10 10 link, 29-1/8", 550 lm delivered 11 11 link, 32", 605 lm delivered 12 12 link, 35", 660 lm delivered 13 13 link, 38", 715 lm delivered 14 14 link, 41", 770 lm delivered 15 15 link, 44", 825 lm delivered 16 16 link, 46-7/8", 880 lm delivered 17 18	LED	sw	standard white	
3 3 link, 8-1/2", 165lm delivered 4 4 link, 11-7/16", 220lm delivered 5 5 5 link, 14-3/8", 275lm delivered 6 6 6 link, 17-5/16", 330lm delivered 7 7 7 link, 20-1/4", 385lm delivered 8 8 8 link, 23-1/4", 440lm delivered 9 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 17 16 link, 46-7/8", 880lm delivered 18 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" 90 CRI+ 95 95 CRI+  LENS OPTIONS UD ultra diffused  FINISH BK black WH white BS polished brass GD gold AL brushed chrome	SIZE	1	1 link, 2-1/2", 55lm 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 6 link, 17-5/16", 330lm delivered 7 7 7 link, 20-1/4", 385lm delivered 8 8 8 link, 23-1/4", 440lm delivered 9 9 9 link, 26-3/16", 495lm delivered 10 10 link, 29-18", 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 17 16 link, 46-7/8", 880lm delivered 18 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" 90 CRI+ 95 95 CRI+  LENS OPTIONS UD ultra diffused  FINISH BK black WH white BS polished brass GD gold AL brushed chrome		2	2 link, 5-1/2", 110lm delivered	
5		3	3 link, 8-1/2", 165lm delivered	
5		4	4 link, 11-7/16", 220lm delivered	
6 6 link, 17-5/16", 330lm delivered 7 7 / link, 20-1/4", 385lm delivered 8 8 link, 23-3/16", 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", 606lm 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 17 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" 90 CRI+ 95 95 CRI+  LENS OPTIONS UD ultra diffused  FINISH BK black WH white BS polished brass GD gold AL brushed chrome		5		
7 7 link, 20-1/4", 385Im delivered 8 8 link, 23-1/4", 440Im delivered 9 9 9 link, 26-3/16", 495Im delivered 10 10 link, 29-1/8", 550Im delivered 11 11 link, 32", 605Im delivered 12 12 link, 35", 660Im delivered 13 13 link, 38", 715Im delivered 14 14 link, 41", 770Im delivered 15 15 link, 44", 825Im delivered 16 16 link, 46-7/8", 880Im delivered 17 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' 90 CRI+ 95 95 CRI+  LENS OPTIONS UD ultra diffused  FINISH BK black WH white BS polished brass GD gold AL brushed chrome		6		
S				
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 16 16 link, 46-7/8", 880lm delivered  CCT 18K 1800K (0.80) 24K 2200K (0.80) 24K 2400K (0.88) 27K 2700K (0.95) 30K 3000K (1.00) 35K 3500K (1.00) 40K 4000K (1.03) 40K 4000K (1.03)  CRI 90¹ 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		8		
11		9	9 link, 26-3/16", 495lm delivered	
12		10	10 link, 29-1/8", 550lm delivered	
13		11	11 link, 32", 605lm delivered	
14		12	12 link, 35", 660lm delivered	
15		13	13 link, 38", 715lm delivered	
16		14	14 link, 41", 770lm delivered	
CCT		15	15 link, 44", 825lm delivered	
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'   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		16	16 link, 46-7/8", 880lm delivered	
22K   2200K   (0.80)     24K   2400K   (0.88)     27K   2700K   (0.95)     30K   3000K   (1.00)     35K   3500K   (1.00)     40K   4000K   (1.03)     CRI	сст	18K	1800K	(0.75)
24K   2400K   (0.88)   (27K   2700K   (0.95)		22K	2200K	, ,
30K   3000K   (1.00)   35K   3500K   (1.03)   (1.03)   (1.06)		24K	2400K	(0.88)
35K   3500K   (1.03)   (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)   (1.06)     (1.06)   (1.06)   (1.06)     (1.06)   (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.06)     (1.		27K	2700K	(0.95)
40K   4000K   (1.06)		30K	3000K	(1.00)
CRI         90¹         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		35K	3500K	(1.03)
95 95 CRI+  LENS OPTIONS UD ultra diffused  FINISH BK black WH white BS polished brass GD gold AL brushed chrome  VOLTAGE 24 24V		40K	4000K	(1.06)
LENS OPTIONS UD ultra diffused  FINISH BK black WH white BS polished brass GD gold AL brushed chrome  VOLTAGE 24 24V	CRI	90¹	90 CRI+	
FINISH BK black WH white BS polished brass GD gold AL brushed chrome  VOLTAGE 24 24V		95	95 CRI+	
WH white BS polished brass GD gold AL brushed chrome  VOLTAGE 24 24V	LENS OPTIONS	UD	ultra diffused	
BS polished brass GD gold AL brushed chrome  VOLTAGE 24 24V	FINISH	вк	black	
GD gold AL brushed chrome  VOLTAGE 24 24V		WH	white	
GD gold AL brushed chrome  VOLTAGE 24 24V		BS	polished brass	
AL brushed chrome  VOLTAGE 24 24V		GD	·	
		AL	ů .	
ACCESSORIES See page 2 for details.	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

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

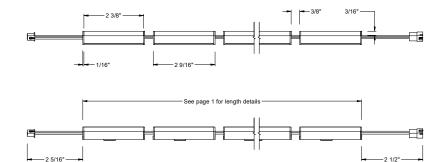


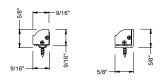
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

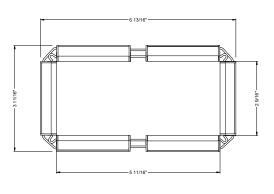
# **POWER TABLE**

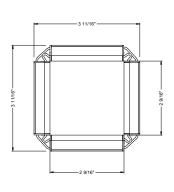
MICRO	DELIVERED LUMENS	LED POWER
NO. LINKS	LUMENS (3000K)	W (95CRI+)
1 LINK	55	2
2 LINK	110	3
3 LINK	165	3.6
4 LINK	220	5
5 LINK	275	6
6 LINK	330	8
7 LINK	385	9
8 LINK	440	10
9 LINK	495	11
10 LINK	550	12
11 LINK	605	14
12 LINK	660	15
13 LINK	715	16
14 LINK	770	17
15 LINK	825	18
16 LINK	880	20

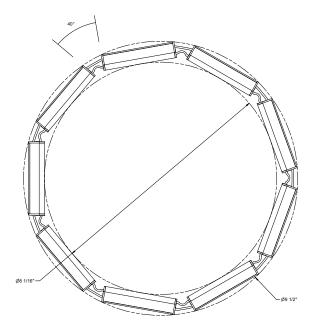
# **PRODUCT DIMENSIONS**











# **ACCESSORIES**

MICRO-EXT-HARNESS1 40" extension harness, microline to driver MICRO-DRIVER-HARNESS 12" wire leads with female plug, included with driver

MICRO-LBRKT<sup>2,3</sup> mounting L-bracket MICRO-UCLIP<sup>2,3</sup> mounting U-clip MICRO-SCREW<sup>2,3</sup> 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.



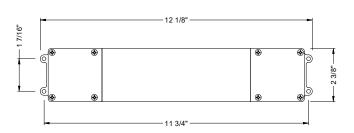
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

## **REMOTE DRIVER - 24VDC DRIVER**

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

#### **ORDERING CODE**

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

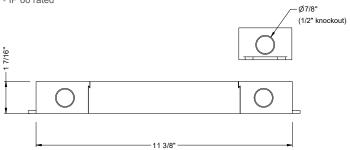


#### DESCRIPTION

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

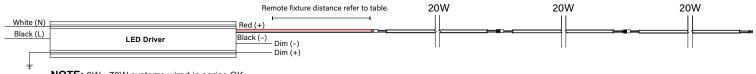
# **ELECTRICAL/CONTROLS**

- 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



# **WIRING GUIDES**

#### **SERIES**

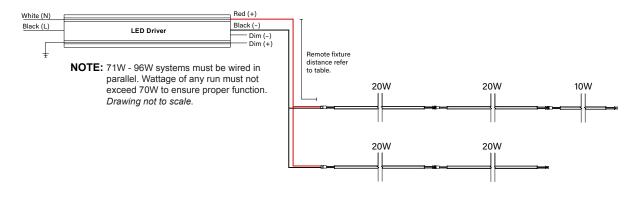


NOTE: 0W - 70W systems wired in series OK. Drawing not to scale.

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		

# **PARALLEL**

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



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