



**ONEFLEX is a series** of specification grade linear LED. It offers extremely tight LED spacing across multiple wattages and CRI of 90 or greater (80+ CRI for 2200K). This product allows for uniform lighting in the smallest of channel profiles.

## SPECIFICATION

SERIES	+	WATTAGE	+	COLOR**	+	IP RATING	+	VOLTAGE	+	LENGTH
ONEFLEX		20=2.0 W/ft. 45=4.5 W/ft. 60=6.0 W/ft. 80=8.0 W/ft.		22=2200K 27=2700K 30=3000K 40=4000K		20=IP20 Indoor		24=24 VDC		5M=196 inches (5 meter) Reel XX= Custom Length (inches)

\*\*RGB, RGBW & OTHER COLORS AVAILABLE CONSULT FACTORY

### ELECTRICAL

Input Voltage	24VDC
Dimming Options	MLV, 0-10V, DMX, Lutron
Power Consumption	2.0-8.0 W/ft.
Wire Size	20AWG, 2 Wire
Regulatory	Conforms to UL Std 2108
Max Run Length per feed	
OneFlex 20	44' = (96W)
OneFlex 45	22' = (96W)
OneFlex 60	16' = (96W)
OneFlex 80	12' = (96W)

### PHYSICAL

Field Cuttable	Every 1.0" (25.4mm)
Operating Temperature	-20°C (-40°F) to +50°C (+122°F)
Environment	IP20 Indoor
Max Reel Length	16'4"

### DIMENSIONS

ONEFLEX	
Width	0.39" (10.0mm)
Height	0.07" (1.78mm)
Cuttable Segment Length	1.0" (25.4mm)
Pitch Length	0.09" (2.29mm)

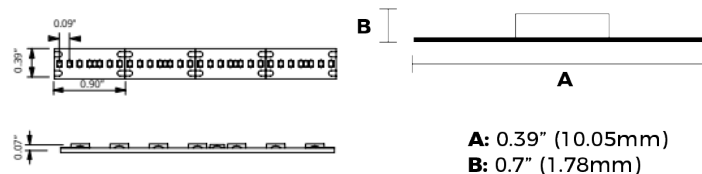
### LUMEN OUTPUT

INDOOR	
OneFlex20	2.0W/ftX85lum/W=170 lum/ft
OneFlex45	4.5W/ftX85lum/W=338 lum/ft
OneFlex60	6.0W/ftX85lum/W=510 lum/ft
OneFlex80	8.0W/ftX85lum/W=664 lum/ft
	output +/- 10%

### PERFORMANCE

CRI	90+(80+ CRI for 2200K)
Binning Tolerance	+/-100K
Warranty	5 years

### DRAWINGS



**QUICK SPEC GUIDE**
**CHANNEL PART NUMBER BREAKDOWN**

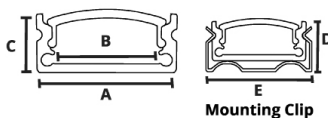
SERIES	DIMENSIONS	APPLICATION	LENS	LENGTH
AMC = Aluminum Mounting Channel	XXXX = W x H (mm)	S = Surface Mount R = Recessed Channel C = Corner Mount P = Mud In Channel	C=Clear lens F=Frosted lens O=Opal lens G=Grazer lens	1M=39 Inches 2M=78 Inches

**AMC-1707-S**
**MATERIAL**  
Anodized Aluminum

**DESCRIPTION**  
Slim and shallow surface mount channel

**LENGTH**  
39", 78"

**LENS TYPES**  
Clear=C  
Frosted=F  
Opal=O  
Grazer=G

**ACCESSORIES**  
Endcap AMC-1707-S-EC  
Endcap w/hole AMC-1707-S-ECL  
Mounting Clip AMC-1707-S-MC


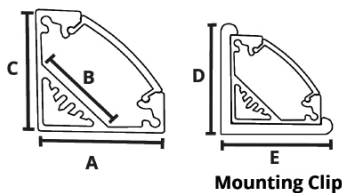
- A:** 0.68" (17.25mm)
- B:** 0.50" (12.59mm)
- C:** 0.34" (8.60mm)
- D:** 0.40" (12.70mm)
- E:** 0.78" (19.90mm)

**AMC-1919-C**
**MATERIAL**  
Anodized Aluminum

**DESCRIPTION**  
Slim corner channel

**LENGTH**  
39", 78"

**LENS TYPES**  
Clear=C  
Frosted=F  
Opal=O

**ACCESSORIES**  
Endcap AMC-1919-C-EC  
Endcap w/hole AMC-1919-C-ECL  
Mounting Clip AMC-1919-C-MC


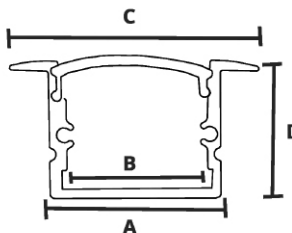
- A:** 0.73" (18.50mm)
- B:** 0.48" (12.20mm)
- C:** 0.73" (18.50mm)
- D:** 0.82" (20.82mm)
- E:** 0.82" (20.82mm)

**AMC-1715-R**
**MATERIAL**  
Anodized Aluminum

**DESCRIPTION**  
Slim and deep recessed channel

**LENGTH**  
39", 78"

**LENS TYPES**  
Clear=C  
Frosted=F  
Opal=O  
Grazer=G

**ACCESSORIES**  
Endcap AMC-1715-R-EC  
Endcap w/hole AMC-1715-R-ECL


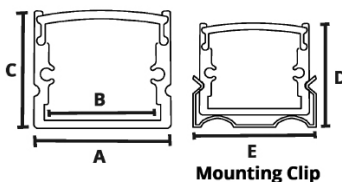
- A:** 0.68" (17.25mm)
- B:** 0.58" (14.75mm)
- C:** 0.98" (25.00mm)
- D:** 0.59" (15.05mm)

**AMC-1715-S**
**MATERIAL**  
Anodized Aluminum

**DESCRIPTION**  
Slim and deep surface mounted channel

**LENGTH**  
39", 78"

**LENS TYPES**  
Clear=C  
Frosted=F  
Opal=O  
Grazer=G

**ACCESSORIES**  
Endcap AMC-1715-S-EC  
Endcap w/hole AMC-1715-S-ECL  
Mounting Clip AMC-1715-S-MC


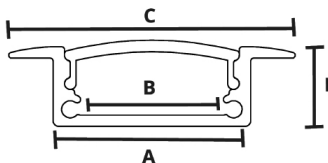
- A:** 0.68" (17.25mm)
- B:** 0.48" (12.30mm)
- C:** 0.59" (15.05mm)
- D:** 0.66" (16.76mm)
- E:** 0.78" (19.90mm)

**AMC-1707-R**
**MATERIAL**  
Anodized Aluminum

**DESCRIPTION**  
Slim and shallow recessed channel

**LENGTH**  
39", 78"

**LENS TYPES**  
Clear=C  
Frosted=F  
Opal=O  
Grazer=G

**ACCESSORIES**  
Endcap AMC-1707-R-EC  
Endcap w/hole AMC-1707-R-ECL


- A:** 0.68" (17.25mm)
- B:** 0.50" (12.59mm)
- C:** 0.98" (25.00mm)
- D:** 0.34" (8.60mm)



**QUICK SPEC GUIDE**
**AMC-1407-S**
**MATERIAL**

Anodized Aluminum

**DESCRIPTION**

Slim and shallow surface channel.

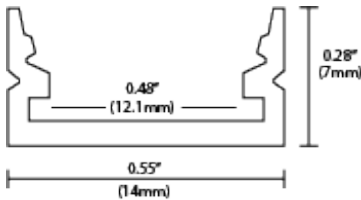
**LENGTH**

39", 78"

**LENS TYPES**

 Clear=C  
 Frosted=F  
 Opal=O

**ACCESSORIES**

 Endcap AMC-1407-S-EC  
 Endcap w/hole AMC-1407-S-ECL

**AMC-2111-R**
**MATERIAL**

Anodized Aluminum

**DESCRIPTION**

Slim and shallow recessed mount channel.

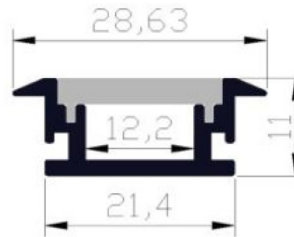
**LENGTH**

39", 78"

**LENS TYPES**

Opal=O

**ACCESSORIES**

 Endcap AMC-2111-R-EC  
 Endcap w/hole AMC-2111-R-ECL

**AMC-1616-C**
**MATERIAL**

Anodized Aluminum

**DESCRIPTION**

Slim corner channel with rounded lens

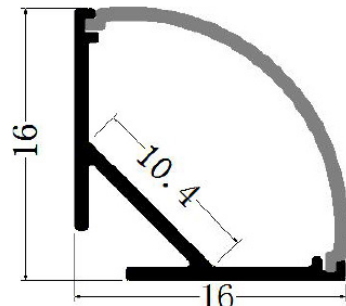
**LENGTH**

39", 78"

**LENS TYPES**

 Clear=C  
 Frosted=F  
 Opal=O

**ACCESSORIES**

 Endcap AMC-1616-C-EC  
 Endcap w/hole AMC-1616-C-ECL  
 Mounting Clip AMC-1616-C-MC

**AMC-1999-M**
**MATERIAL**

Anodized Aluminum

**DESCRIPTION**

Mud in channel and lens

**LENGTH**

39", 78"

**LENS TYPES**

Opal=O

**ACCESSORIES**

 Endcap AMC-1999-M-EC  
 Endcap w/hole AMC-1999-M-ECL

**AMC-2020-S-RO**
**MATERIAL**

Anodized Aluminum

**DESCRIPTION**

Slim and deep surface mounted channel

**LENGTH**

39", 78"

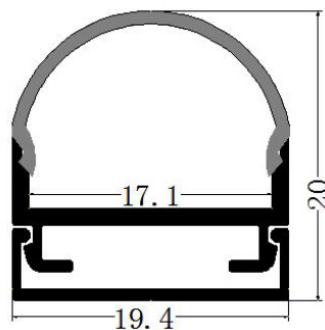
**LENS TYPES**

Opal=O

**LENS SHAPE**

Round=RO

**ACCESSORIES**

 Endcap AMC-2020-RO-EC  
 Endcap w/hole AMC-2020-RO-ECL  
 Mounting Clip AMC-2020-RO-MC

**AMC-2020-S-SQ**
**MATERIAL**

Anodized Aluminum

**DESCRIPTION**

Slim corner mount channel w/ rounded lens

**LENGTH**

39", 78"

**LENS TYPES**

Opal=O

**LENS SHAPE**

Square=SQ

**ACCESSORIES**

 Endcap AMC-2020-SQ-EC  
 Endcap w/hole AMC-2020-SQ-ECL  
 Mounting AMC-2020-SQ-MC
