

**CHROMAFLEX is a series** of specification grade RGB linear LED. It offers tight LED spacing across multiple color options and CRI of 90 or greater. This product can be controlled by DMX.

## SPECIFICATION

| SERIES     | + | WATTAGE                   | + | COLOR                                                                                                                                                                                                                               | + | IP RATING                                | + | VOLTAGE   | + | LENGTH                                                     |
|------------|---|---------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------|---|-----------|---|------------------------------------------------------------|
| CHROMAFLEX |   | 75=7.5 W/FT. (WRGBW only) |   | AMRGBAM=RGB+Amber+Amber<br>22RGB22=RGB+2200K+2200K whites<br>27RGB27=RGB+2700K+2700K whites<br>30RGB30=RGB+3000K+3000K whites<br>40RGB40=RGB+4000K+4000K whites<br>60RGB60=RGB+6000K+6000K whites<br>27RGB60=RGB+2700K+6000K whites |   | 20=IP20 Indoor<br>67C=IP67 Clear outdoor |   | 24=24 VDC |   | 5M=196 inches (5 meter) Reel<br>XX= Custom Length (inches) |

## ELECTRICAL

|                         |                        |
|-------------------------|------------------------|
| Input Voltage           | 24VDC                  |
| Dimming Options         | DMX                    |
| Power Consumption       | 7.5 W/ft.              |
| Wire Size               | 20AWG                  |
| Regulatory              | UL Listed file E468751 |
| Max Run Length per feed |                        |
| CHROMAFLEX 75           | 12' = (96W)            |

## LUMEN OUTPUT

|                             |                            |
|-----------------------------|----------------------------|
| CHROMAFLEX-75               |                            |
| All LEDs illuminated        | 7.5W/ftX85lum/W=638 lum/ft |
| Only white LEDs illuminated | 7.5W/ftX33lum/W=250 lum/ft |
| output +/- 10%              |                            |

## PERFORMANCE

|                   |         |
|-------------------|---------|
| CRI               | 90+     |
| Binning Tolerance | +/-100K |
| Warranty          | 5 years |

## PHYSICAL

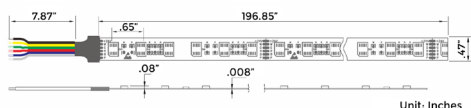
|                       |                               |
|-----------------------|-------------------------------|
| Operating Temperature | -20°C(-40°F) to +50°C(+122°F) |
| Environment           | IP20 Indoor & IP67C Outdoor   |
| Max Reel Length       | 16'4"                         |

## WIRING

|       |                                 |
|-------|---------------------------------|
| WRGBW | 6 Wire - W, R, G, B, W + common |
|-------|---------------------------------|

## DRAWINGS

### WRBGW - 6 WIRE



## QUICK SPEC GUIDE

### CHANNEL PART NUMBER BREAKDOWN

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

### AMC-1707-S

#### MATERIAL

Anodized Aluminum

#### DESCRIPTION

Slim and shallow surface mount channel

#### LENGTH

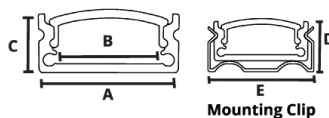
39", 78"

#### LENS TYPES

Clear=C  
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

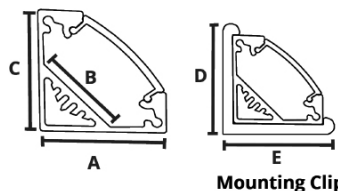
39", 78"

#### LENS TYPES

Clear=C  
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

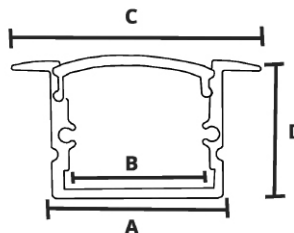
39", 78"

#### LENS TYPES

Clear=C  
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

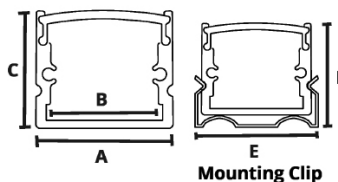
39", 78"

#### LENS TYPES

Clear=C  
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

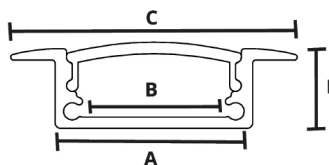
39", 78"

#### LENS TYPES

Clear=C  
Opal=O  
Grazer=G

#### ACCESSORIES

|               |                |
|---------------|----------------|
| Endcap        | AMC-1707-R-EC  |
| Endcap w/hole | AMC-1707-R-ECL |

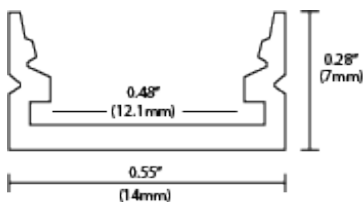


**A:** 0.68" (17.25mm)  
**B:** 0.50" (12.59mm)  
**C:** 0.98" (25.00mm)  
**D:** 0.34" (8.60mm)



## QUICK SPEC GUIDE

### AMC-1407-S



#### MATERIAL

Anodized Aluminum

#### DESCRIPTION

Slim and shallow surface channel.

#### LENGTH

39", 78"

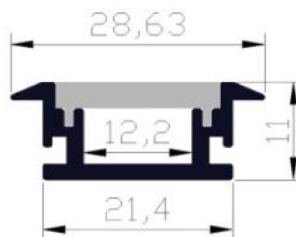
#### LENS TYPES

Clear=C  
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"

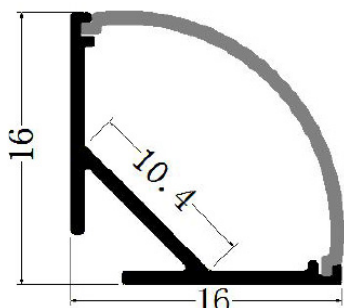
#### LENS TYPES

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  
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"

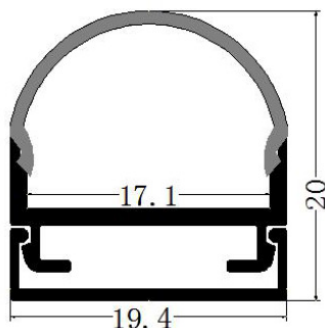
#### LENS TYPES

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

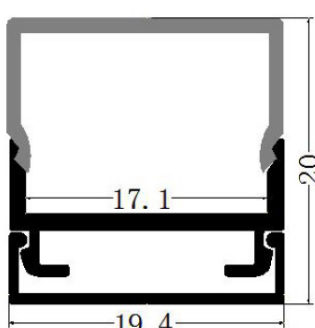
#### LENS SHAPE

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

