

DESCRIPTION

CAPITAL 100MC delivers superior color-mixing through quad-chip LEDs and precision lens technology within a strikingly compact body. Tailored to meet the needs of demanding architectural lighting specifications, this flexible and highly versatile floodlight is suitable for a variety of installations where a reduced mounting footprint is desired.



Date: \_\_\_\_\_ Type: \_\_\_\_\_ Catalog Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

ORDERING INFORMATION

| LUMINAIRE                                    |                               |                    |   |                   |                  |                          |                              |
|--|-------------------------------|--------------------|---|-------------------|------------------|--------------------------|------------------------------|
| MODEL  | CCT                           | CONTROL            | CABLE   | VOLTAGE           | OPTIC            | FINISH                   | OPTION                       |
| CP100MC<br>Capital 100 MC                    | RGBW30K<br>RGBW (3000K White) | DMX-RDM<br>DMX/RDM | S<br>Power in (7.9 in.), DMX in, DMX out (59 in.) | UNV<br>120 & 277V | SP<br>Spot 7°    | AG<br>Anthracite Grey    | AST<br>Anti-Saline Treatment |
| CP100MCPE<br>Capital 100 MC<br>Polar Edition | RGBW40K<br>RGBW (4000K White) |                    | M<br>Monocable without connectors (19.7 in.)      |                   | NB<br>Narrow 10° | BL<br>Black              | 3G<br>3G Mounting Yoke       |
|  |                               |                    | C<br>Monocable with connectors (19.7 in.)         |                   | MB<br>Medium 23° | SG<br>Griven Silver Grey |                              |
|  |                               |                    |   |                   | WB<br>Wide 35°   | WH<br>White              |                              |
|  |                               |                    |   |                   |                  | CC<br>Custom RAL Color   |                              |

Custom options are available; consult factory via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

See Page 5 for ordering information of available accessories.



| CAPITAL 100 MC |                       |                                |
|----------------|-----------------------|--------------------------------|
| PHYSICAL       | HOUSING               | Die-Cast Aluminum              |
|                | OVERALL DIMENSIONS    | 11.1" L x 3.2" W x 11.1" H     |
|                | WEIGHT                | 11.2 Pounds                    |
|                | OPERATING TEMPERATURE | -40°F to 122°F (-40°C to 50°C) |

|            |              |   |   |  |
|------------|--------------|---|---|--|
| ELECTRICAL | POWER        | 70 Watts  |   |  |
|            | POWER SUPPLY | 120 and 277VAC; 50-60Hz   |   |  |
|            | CURRENT      | 0.58 amps at 120 volts<br>0.26 amps at 277 volts  |   |  |
|            | CONTROL      | DMX-RDM, Standalone Onboard Sequencing, or Master-Satellite Operation   |   |  |
|            | CABLE        | S Cable   | M Cable   | C Cable  |
|            |              | Power In, DMX In, DMX Out Cables  | 6-Polarity In and Out Power/Data Monocable Without Connectors | 6-Polarity In and Out Power/Data Monocable With Connectors |
|            | CABLE LENGTH | 59"   | 19.7"   | 19.7"  |
|            | MODES        | - RGBW (4 Channels)<br>- RGBW + Intensity (5 Channels)<br>- RGBW 16-Bit (8 Channels)<br>- Fixed Color<br><br>- Master/Satellite<br>- RGBW Calibrated White (4 Channels)<br>- RGBW + Intensity + Strobe (6 Channels) |   |  |

|             |                           |                              |  |  |
|-------------|---------------------------|------------------------------|--|--|
| PHOTOMETRIC | LED                       | RGBW (3000K or 4000K White)  |  |  |
|             | NUMBER OF LEDS            | 8 Quad-Chip LEDs             |  |  |
|             | DRIVER LOCATION           | Integral                     |  |  |
|             | DELIVERED LUMEN OUTPUT    | up to 3200 lumens            |  |  |
|             | EFFICACY                  | up to 43 lumens per watt     |  |  |
|             | LUMEN MAINTENANCE         | L70 > 100,000 Hours at 77°F* |  |  |
|             | LIGHT CONTROL ACCESSORIES | Snoot, Visor Available       |  |  |

| LIGHT DISTRIBUTIONS | DISTRIBUTION | BEAM ANGLE | LUMENS | EFFICACY | MAX. CANDELA |
|---------------------|--------------|------------|--------|----------|--------------|
|                     | Spot         | 7°         | 3200   | 43       | 130,198      |
|                     | Narrow       | 10°        | 3115   | 42       | 70,184       |
|                     | Medium       | 23°        | 2977   | 40       | 16,100       |
|                     | Wide         | 35°        | 2887   | 39       | 7,652        |

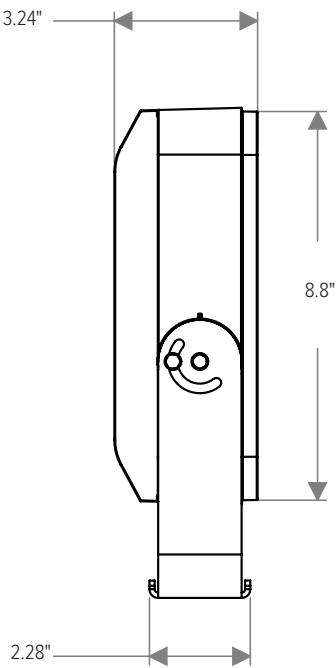
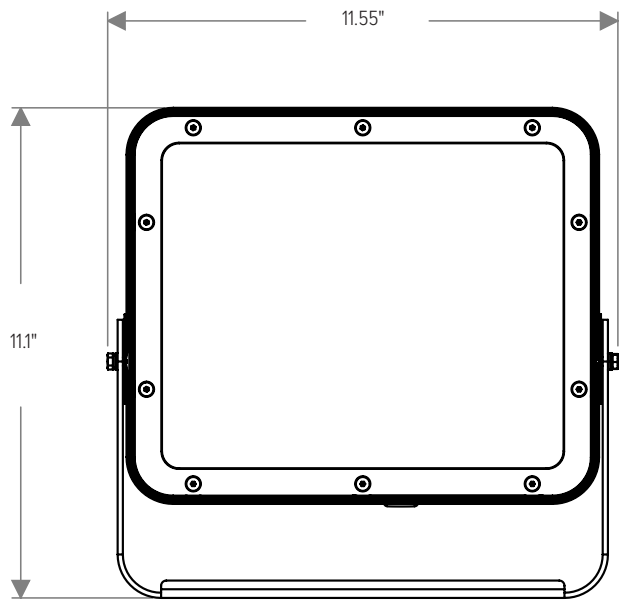
Values based on full output.

|                |                    |                                 |  |  |
|----------------|--------------------|---------------------------------|--|--|
| CERTIFICATIONS | SAFETY             | ETL Certified for Wet Locations |  |  |
|                | INGRESS PROTECTION | IP67                            |  |  |
|                | IMPACT RATING      | IK09                            |  |  |
|                | WARRANTY           | Five Year Limited Warranty      |  |  |

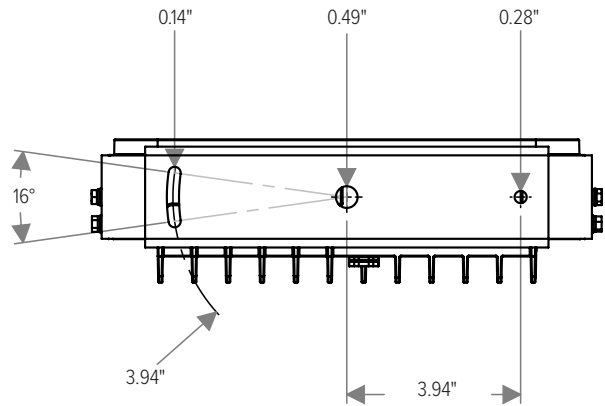
\* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

DIMENSIONS

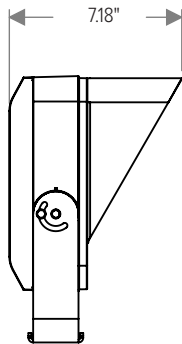
All dimensions are shown in inches unless otherwise noted.



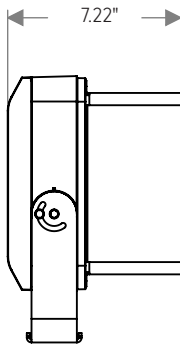
MOUNTING



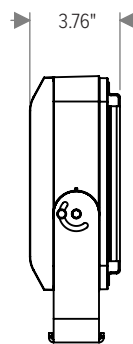
ACCESSORY DIMENSIONS



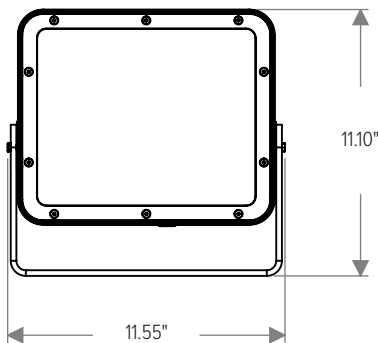
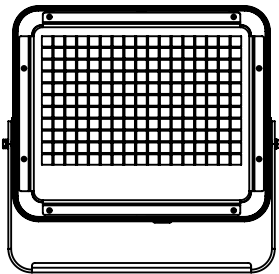
With Visor (CP100-VISOR-XX)



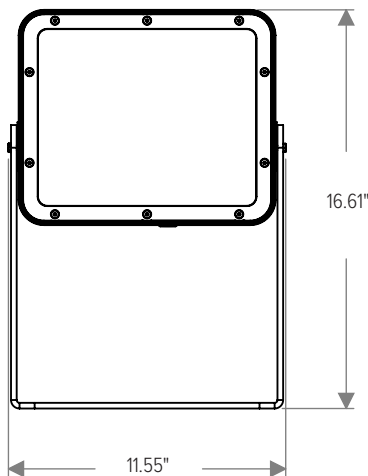
With Snoot (CP100-SNOOT-XX)



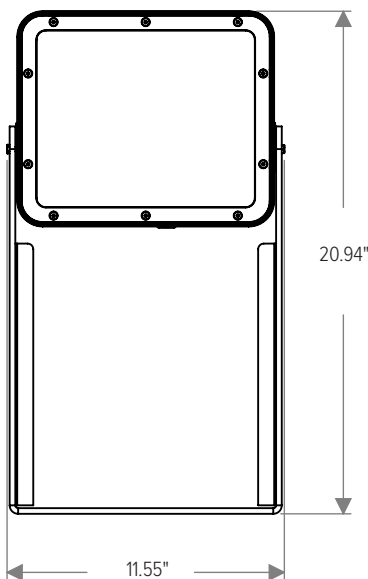
With Wire Guard (CP100-WIREGUARD-XX)



With 3G Mounting Yoke  
(Ordered with Luminaire)



With 11.8" Extended Mounting Yoke  
(CP100-EXTYOKE300-XX)



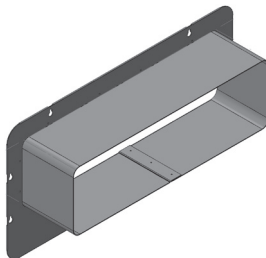
With 16.1" Extended Mounting Yoke  
(CP100-EXTYOKE410-XX)

ACCESSORIES

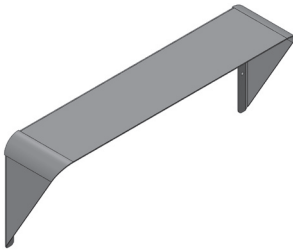
NOTE: Accessories are ordered and shipped separately from luminaire for field installation.  
-XX\* indicates a painted accessory. See bottom of page for painted accessory ordering information.



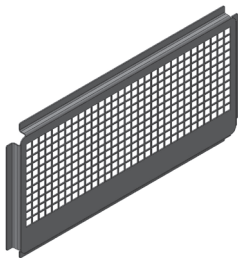
IR-CONFIG-REMOTE  
Infrared Configuration Remote



CP100-SNOOT-XX\*  
Snoot



CP100-VISOR-XX\*  
Visor



CP100-WIREGUARD-XX\*  
Wire Guard



CP100-EXTYOKE300-XX\*  
11.8" (300mm) Extended Mounting  
Yoke



CP100-EXTYOKE410-XX\*  
16.1" (410mm) Extended Mounting  
Yoke

ORDERING INFORMATION

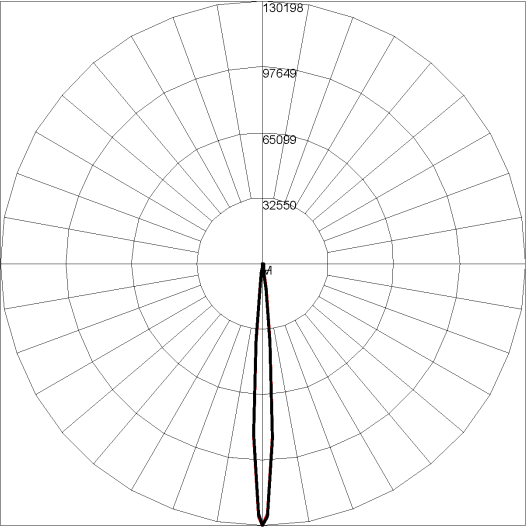
| PAINTED ACCESSORIES |                                      |               |                    |        |                       |
|---------------------|--------------------------------------|---------------|--------------------|--------|-----------------------|
| MODEL               |                                      | FINISH (*-XX) |                    | OPTION |                       |
| CP100-EXTYOKE300    | 11.8" (300mm) Extended Mounting Yoke | AG            | Anthracite Grey    | AST    | Anti-Saline Treatment |
| CP100-EXTYOKE410    | 16.1" (410mm) Extended Mounting Yoke | BL            | Black              |        |                       |
| CP100-SNOOT         | Snoot                                | SG            | Griven Silver Grey |        |                       |
| CP100-VISOR         | Visor                                | WH            | White              |        |                       |
| CP100-WIREGUARD     | Wire Guard                           | CC            | Custom RAL Color   |        |                       |

PHOTOMETRICS - RGBW CANDELA DISTRIBUTION

HORIZONTAL  
VERTICAL

SPOT 7°

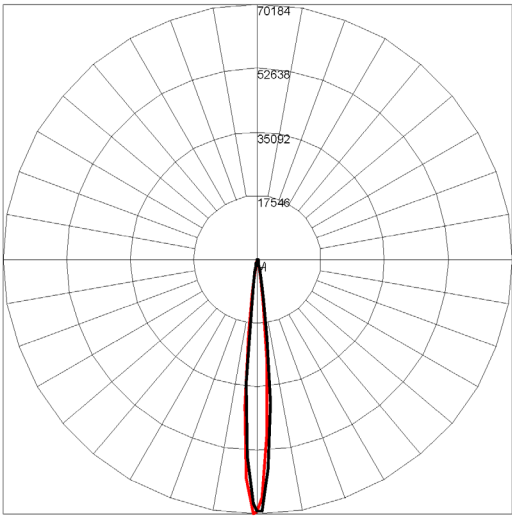
Maximum Candela = 130198 / 3200 Lumens



Maximum Candela = 130198.398 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

NARROW 10°

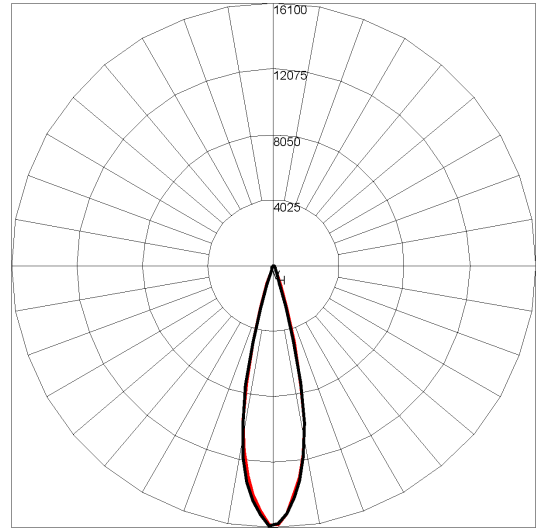
Maximum Candela = 70184 / 3115 Lumens



Maximum Candela = 70184.063 Located At Horizontal Angle = -1, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

MEDIUM 23°

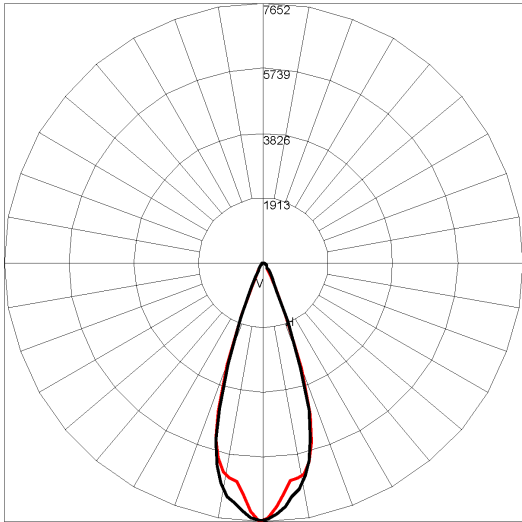
Maximum Candela = 16100 / 2977 Lumens



Maximum Candela = 16099.894 Located At Horizontal Angle = -1, Vertical Angle = -1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

WIDE 35°

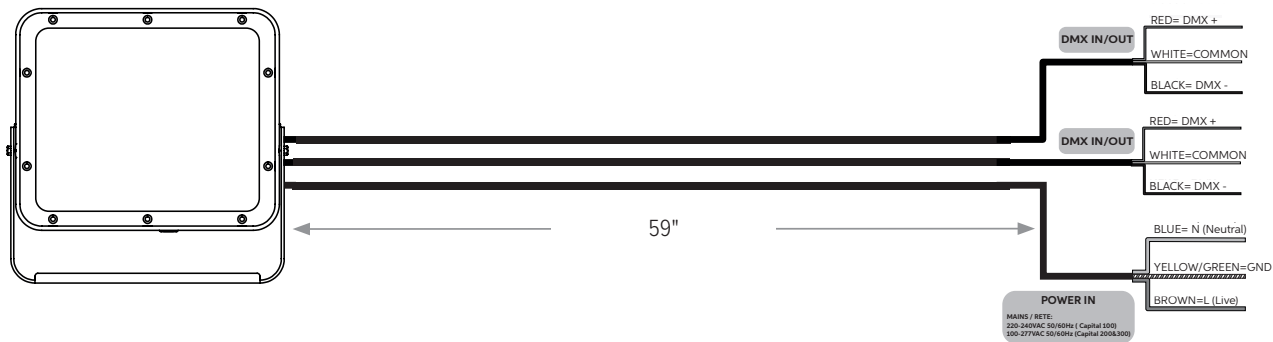
Maximum Candela = 7625 / 2887 Lumens



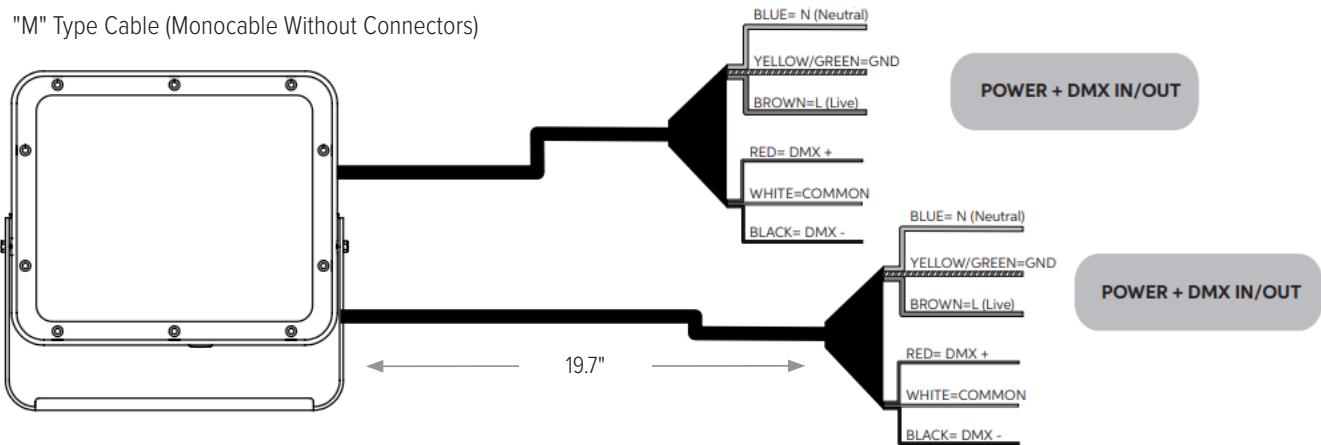
Maximum Candela = 7652.244 Located At Horizontal Angle = -1, Vertical Angle = -1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

CONNECTIONS

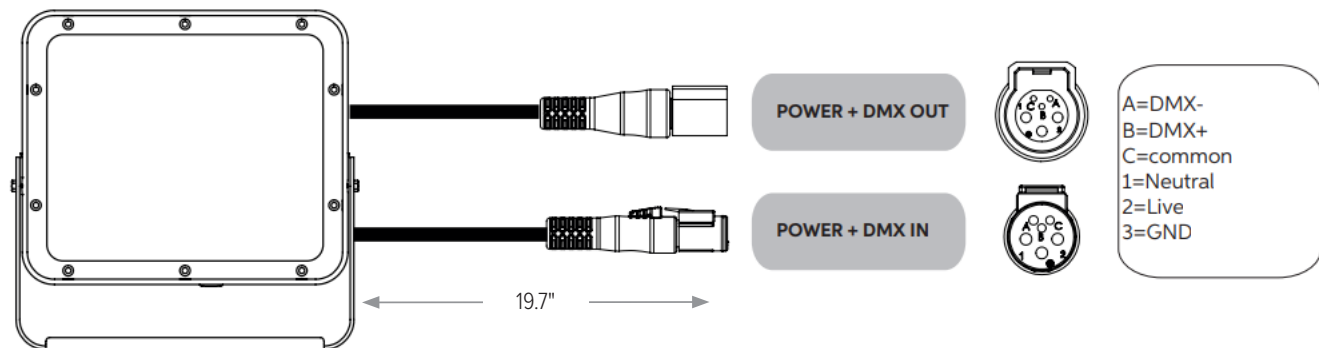
"S" Type Cable (Power In, DMX In, DMX Out)



"M" Type Cable (Monocable Without Connectors)

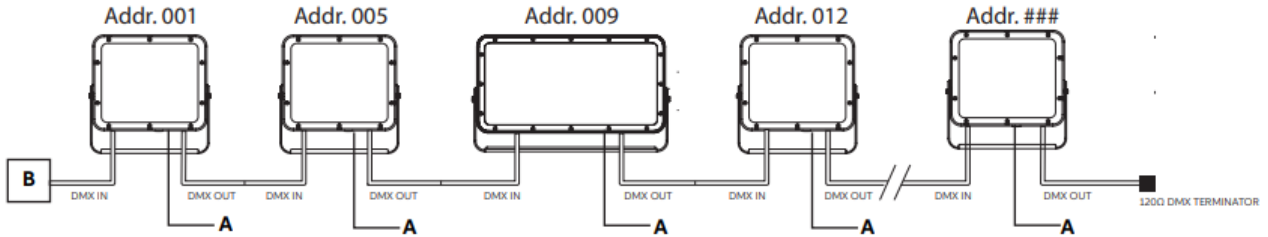


"C" Type Cable (Monocable With Connectors)



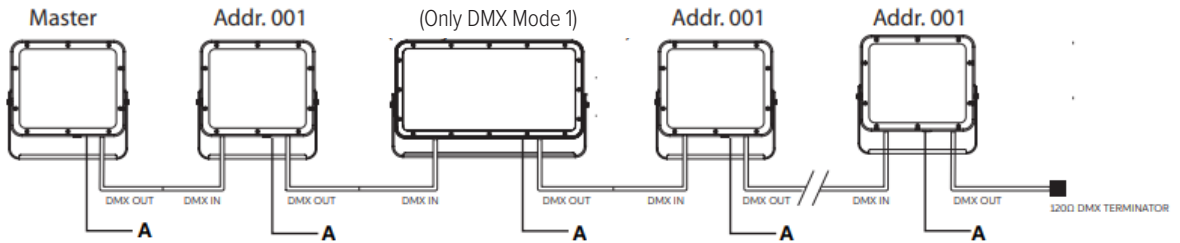
## OPERATING MODES

### DMX Mode



Example with fixtures set to 4 DMX channels  
Esempio con apparecchi impostati su 4 canali DMX

### Master-Satellite/Automatic/Fixed Color Mode



**WARNING !** in this mode, no DMX control device must be present along the line.

## CUSTOMIZE YOUR EXPERIENCE.

At Experience Brands, we believe every space deserves unique lighting elements. We proudly specialize in crafting solutions that reflect your personal vision. Our expert team is here to collaborate with you to design and implement customized features that elevate your environment.

**Ready to Get Started?** Email us at: [DesignServices@exp-brands.com](mailto:DesignServices@exp-brands.com)