

# CAPITAL 600 MC

Dynamic White



## DESCRIPTION

CAPITAL 600 MC floodlight is available with a vast choice of combinable optics and color configurations for the maximum lighting design flexibility. Featuring full independent control of each LED luminaire, this twin cluster luminaire system allows absolute freedom in a minimal footprint to create impressive matching or divergent dynamic effects on large-scale façades and architectural elements from a long distance with surprising luminous output.



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

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

## ORDERING INFORMATION

| LUMINAIRE                                    |   |                    |  |                   |                  |                  |                          |                                 |
|--|---|--------------------|--|-------------------|------------------|------------------|--------------------------|---------------------------------|
| MODEL  | CCT                                     | CONTROL            | CABLE  | VOLTAGE           | UPPER OPTIC      | LOWER OPTIC      | FINISH                   | OPTION                          |
| CP600MC<br>Capital 600 MC                    | DW<br>Dynamic White<br>(3000K to 6500K) | DMX-RDM<br>DMX/RDM | S<br>Power in (7.9 in.), DMX<br>in, DMX out (59 in.) | UNV<br>120 - 277V | SP<br>Spot 7°    | SP<br>Spot 7°    | AG<br>Anthracite Grey    | AST<br>Anti-Saline<br>Treatment |
| CP600MCPE<br>Capital 600 MC<br>Polar Edition |   |                    | M<br>Monocable Without<br>Connectors (19.7 in.)      |                   | NB<br>Narrow 10° | NB<br>Narrow 10° | BL<br>Black              | 3G<br>3G Mounting<br>Yoke       |
|  |   |                    | C<br>Monocable With<br>Connectors (19.7 in.)         |                   | MB<br>Medium 23° | MB<br>Medium 23° | SG<br>Griven Silver Grey |                                 |
|  |   |                    |  |                   | WB<br>Wide 35°   | WB<br>Wide 35°   | WH<br>White              |                                 |
|  |   |                    |  |                   |                  |                  |                          |                                 |

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.



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| CAPITAL 600 MC |                       |                                |
|----------------|-----------------------|--------------------------------|
| PHYSICAL       | HOUSING               | Die-Cast Aluminum              |
|                | OVERALL DIMENSIONS    | 20.4" L x 5.9" W x 29.8" H     |
|                | EPA                   | 1.27 ft²                       |
|                | WEIGHT                | 72.3 Pounds                    |
|                | OPERATING TEMPERATURE | -40°F to 122°F (-40°C to 50°C) |
|                | DRIVER LOCATION       | Integral                       |

|            |              |   |   |  |
|------------|--------------|---|---|--|
| ELECTRICAL | POWER        | 480 Watts (240 Watts per Luminaire)   |   |  |
|            | POWER SUPPLY | 100 to 277VAC; 50-60Hz  |   |  |
|            | CURRENT      | 4 Amps at 120 Volts (480 Watts)<br>1.73 Amps at 277 Volts (480 Watts)               |   |  |
|            | CONTROL      | DMX-RDM, Standalone, 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        | - DW (2 Channels)<br>- DW + Intensity (3 Channels)<br>- DW 16-Bit Mode (4 Channels) |   | - Master/Satellite<br>- Stand-Alone Fixed CCT              |

|             |                           |   |  |  |
|-------------|---------------------------|---|--|--|
| PHOTOMETRIC | LED                       | Dynamic White (2700K to 6500K)                    |  |  |
|             | NUMBER OF LEDS            | 48 Multi-Chip LEDs                                |  |  |
|             | DELIVERED LUMEN OUTPUT    | up to 39,112 lumens (19,556 lumens per luminaire) |  |  |
|             | EFFICACY                  | up to 74 lumens per watt                          |  |  |
|             | LUMEN MAINTENANCE         | L70 > 100,000 Hours at 77°F*                      |  |  |
|             | LIGHT CONTROL ACCESSORIES | Snoot, Visor, Internal Honeycomb Louver Available |  |  |

| LIGHT DISTRIBUTIONS | DISTRIBUTION | BEAM ANGLE | DELIVERED LUMENS | EFFICACY | MAX. CANDELA |
|---------------------|--------------|------------|------------------|----------|--------------|
|                     | Spot         | 13°        | 19556            | 74       | 795675       |
|                     | Narrow       | 16°        | 19038            | 72       | 428945       |
|                     | Medium       | 25°        | 18193            | 68       | 98389        |
|                     | Wide         | 46°        | 17641            | 66       | 46759        |

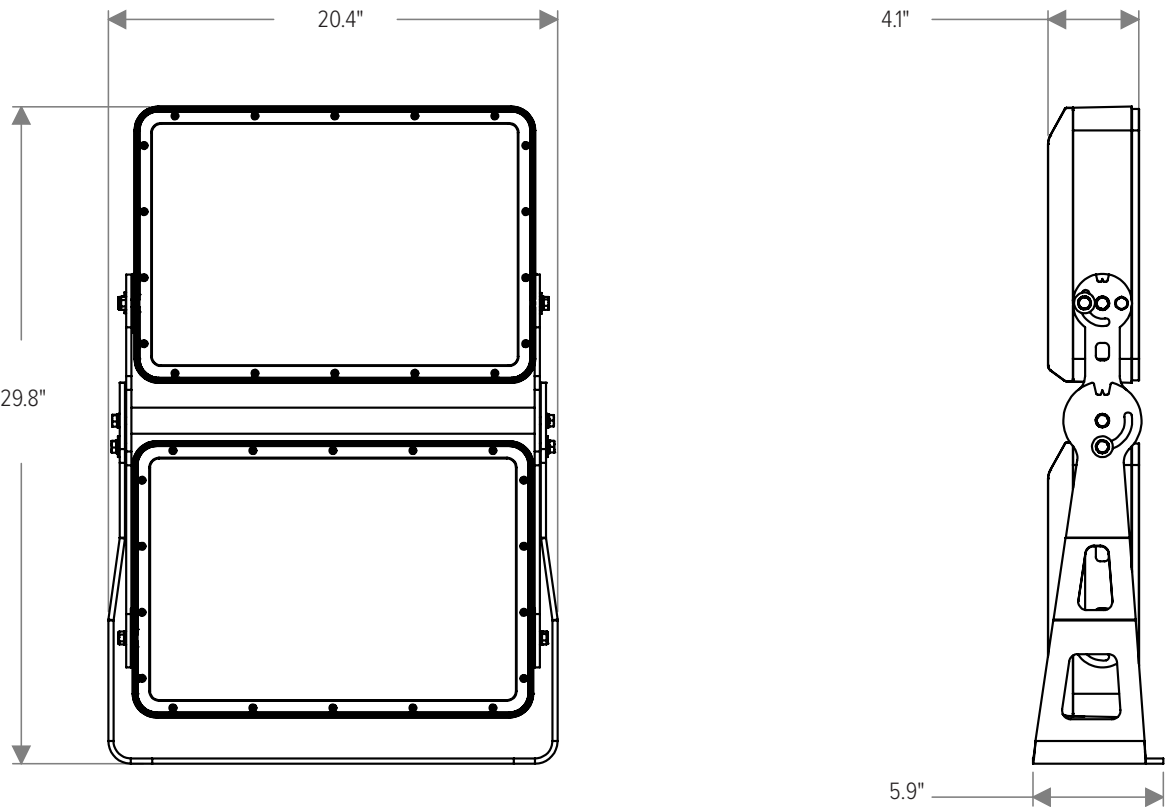
NOTE: Lumen values shown are for single luminaire head. Multiply by 2 to obtain values for dual luminaire heads.

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

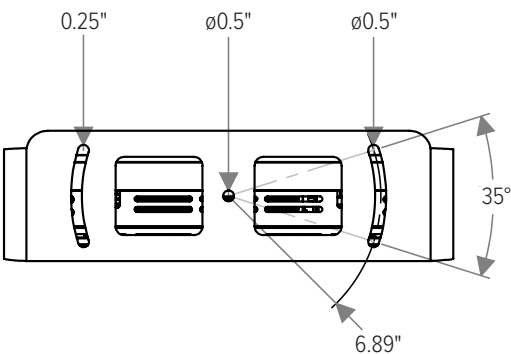
\* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

DIMENSIONS

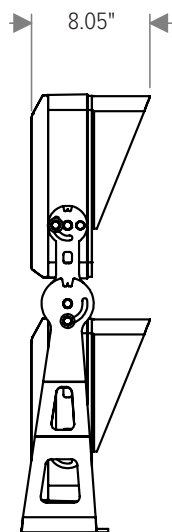
All dimensions are shown in inches unless otherwise noted.



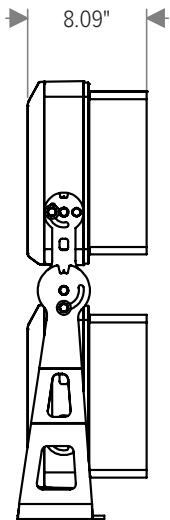
MOUNTING



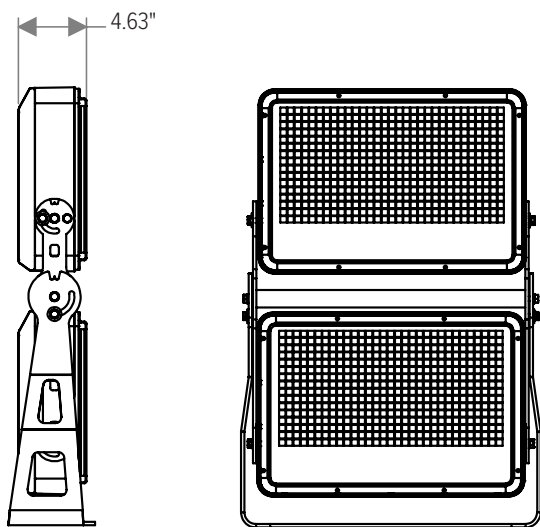
ACCESSORY DIMENSIONS



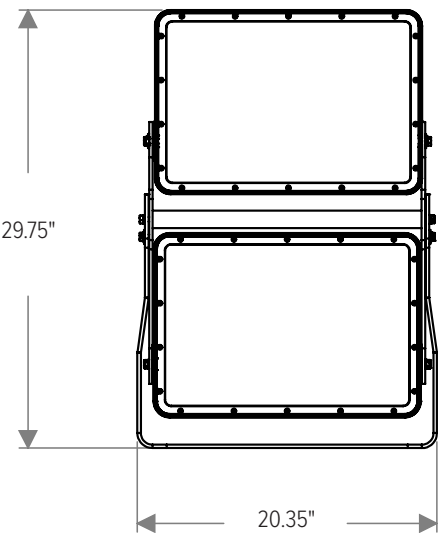
With Visor (CP300-VISOR-XX)



With Snoot (CP300-SNOOT-XX)



With Wire Guard (CP300-WIREGUARD-XX)



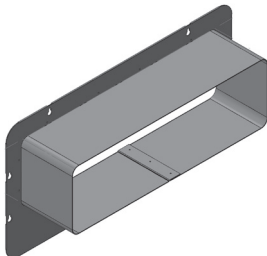
With 3G Mounting Yoke  
(Factory Installed, Ordered with Luminaire)

ACCESSORIES

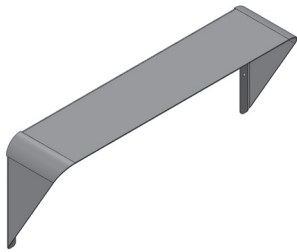
NOTE: Accessories are ordered and shipped separately from luminaire for field installation.  
Accessories shown are sold individually for single luminaire heads. Two units must be ordered if dual head application is required.  
-XX\* indicates a painted accessory. See bottom of page for painted accessory ordering information.



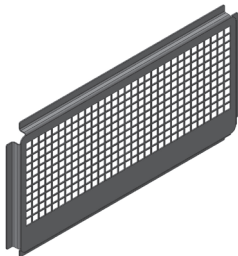
IR-CONFIG-REMOTE  
Infrared Configuration Remote



CP300-SNOOT-XX\*  
Snoot



CP300-VISOR-XX\*  
Visor



CP300-WIREGUARD-XX\*  
Wire Guard

ORDERING INFORMATION

| PAINTED ACCESSORIES |            |               |                    |        |                       |
|---------------------|------------|---------------|--------------------|--------|-----------------------|
| MODEL               |            | FINISH (*-XX) |                    | OPTION |                       |
| CP300-SNOOT         | Snoot      | AG            | Anthracite Grey    | AST    | Anti-Saline Treatment |
| CP300-VISOR         | Visor      | BL            | Black              |        |                       |
| CP300-WIREGUARD     | Wire Guard | SG            | Griven Silver Grey |        |                       |
|                     |            | WH            | White              |        |                       |
|                     |            | CC            | Custom RAL Color   |        |                       |

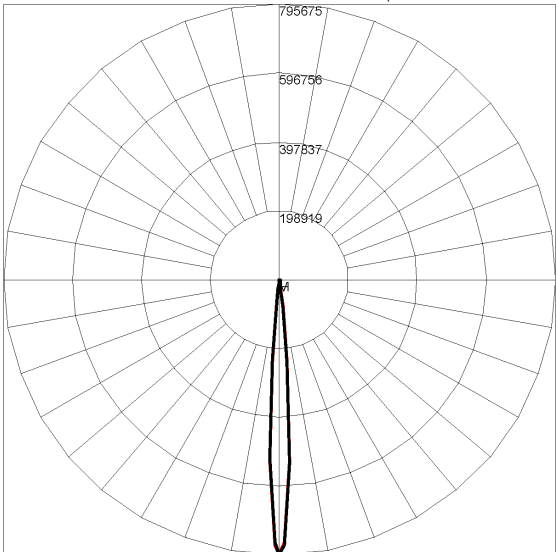
Accessories shown are sold individually for single luminaire heads. Two units must be ordered if dual head application is required.

PHOTOMETRICS - DYNAMIC WHIYE CANDELA DISTRIBUTION  
(Per Luminaire)

HORIZONTAL  
VERTICAL

SPOT 7°

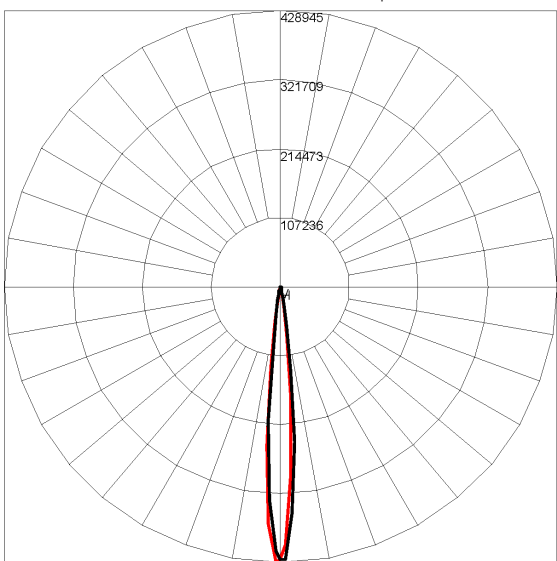
Maximum Candela = 795675 / 19556 Lumens per luminaire



Maximum Candela = 795674.938 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

NARROW 10°

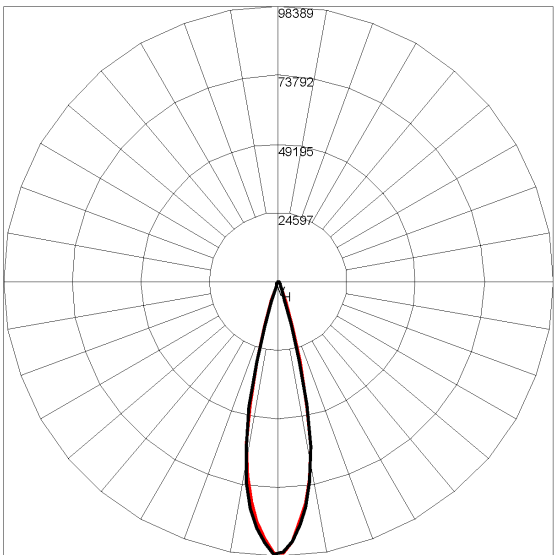
Maximum Candela = 428945 / 19038 Lumens per luminaire



Maximum Candela = 428945.188 Located At Horizontal Angle = -1, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

MEDIUM 23°

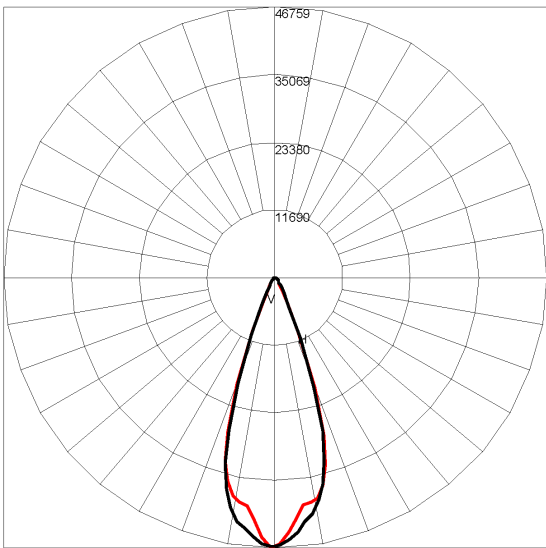
Maximum Candela = 98389 / 18193 Lumens per luminaire



Maximum Candela = 98389.446 Located At Horizontal Angle = -1, Vertical Angle = -1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

WIDE 35°

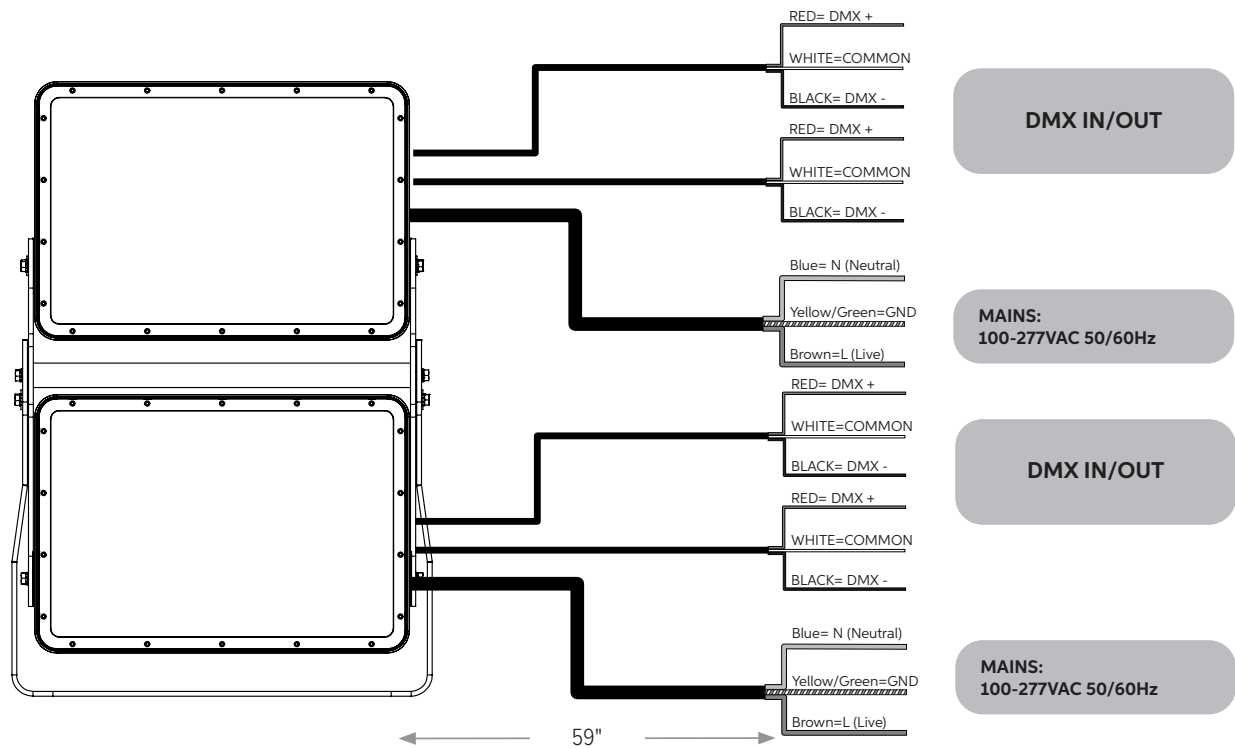
Maximum Candela = 46759 / 17641 Lumens per luminaire



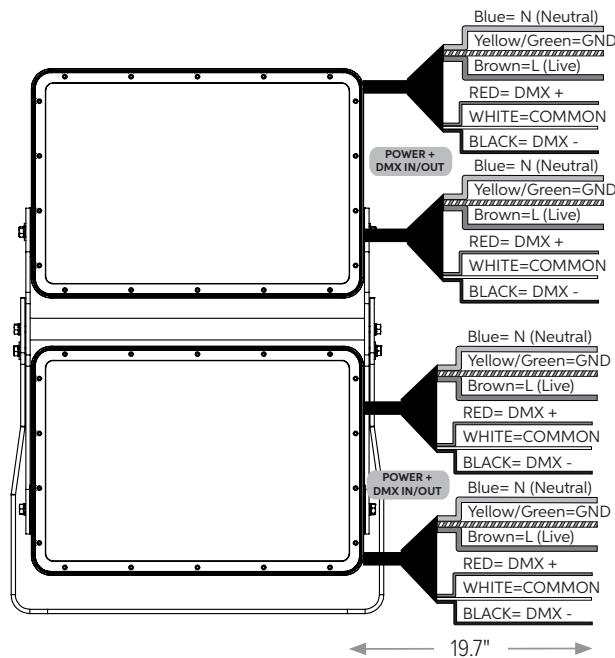
Maximum Candela = 46759.003 Located At Horizontal Angle = -1, Vertical Angle = -1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

CONNECTIONS

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

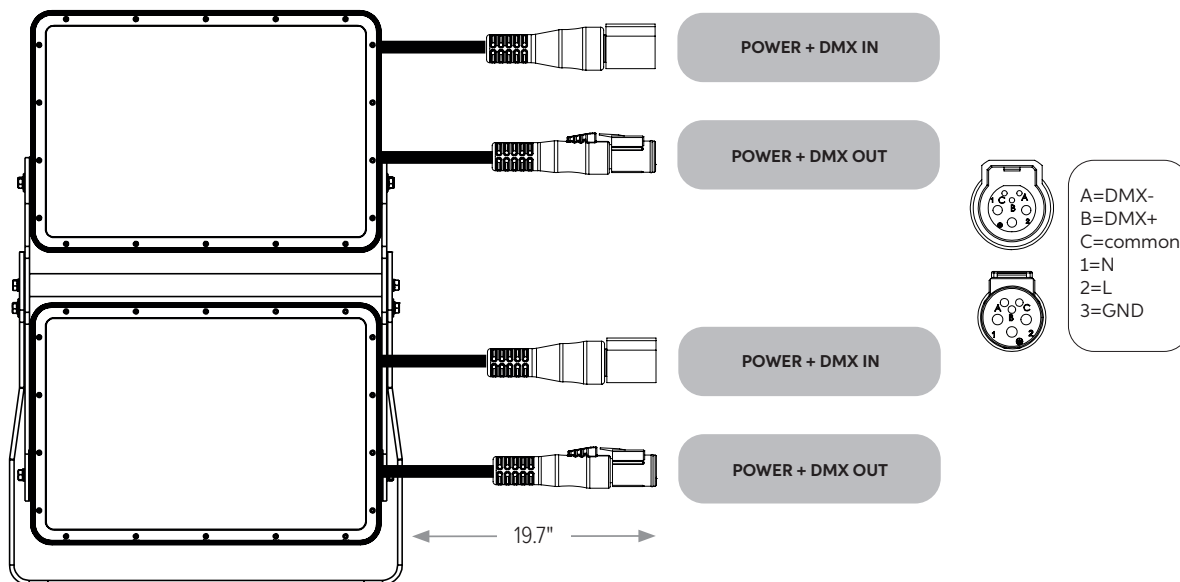


"M" Type Cable (Monocable Without Connectors)



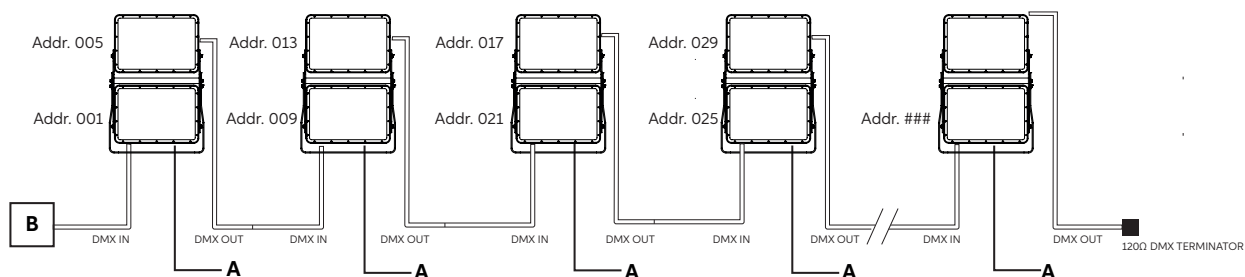
## CONNECTIONS

### "C" Type Cable (Monocable With Connectors)



## OPERATING MODES

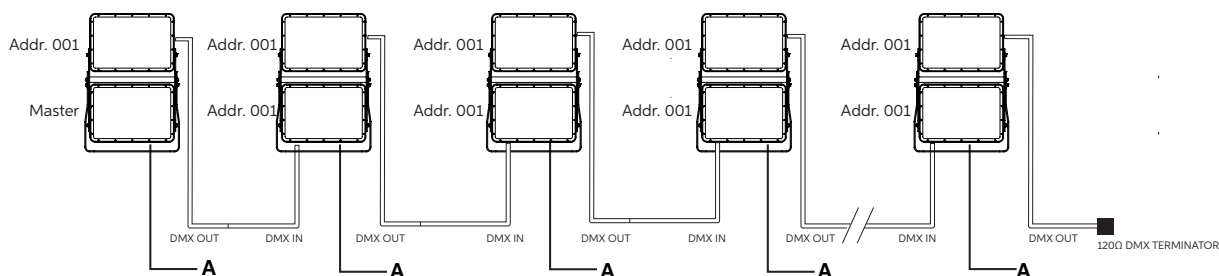
DMX Mode



### Example with fixtures set to 4 DMX channels

Master-Satellite/Automatic/Fixed Color Mode

( Only DMX Mode #1 )





## CUSTOMIZE YOUR **EX**PERIENCE.

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)