

DESCRIPTION

CAPITAL 300 MC is the ideal solution for responding to aesthetic appeal and chromatic adaptability criteria. With a flexible and versatile surface mount floodlight, this luminaire comes with a wide selection of optical configurations and is suitable for a comprehensive variety of installations.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

| LUMINAIRE | | | | | | | |
|---|-------------------------------|--------------------|---|-------------------|------------------|--------------------------|------------------------------|
| MODEL | CCT | CONTROL | CABLE | VOLTAGE | OPTIC | FINISH | OPTION |
| CP300MC Capital 300 MC | RGBW30K RGBW (3000K White) | DMX-RDM DMX/RDM | S Power in (7.9 in.), DMX in, DMX out (59 in.) | UNV 120 - 277V | SP Spot 7° | AG Anthracite Grey | AST Anti-Saline Treatment |
| CP300MCPE Capital 300 MC Polar Edition | RGBW40K RGBW (4000K White) | | M Monocable without Connectors (19.7 in.) | | NB Narrow 10° | BL Black | 3G 3G Mounting Yoke |
| | | | C Monocable with connectors (19.7 in.) | | MB Medium 23° | SG Griven Silver Grey | |
| | | | | | WB Wide 35° | WH White | |
| | | | | | | CC 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 300 MC | | |
|----------------|-----------------------|--------------------------------|
| PHYSICAL | HOUSING | Die-Cast Aluminum |
| | OVERALL DIMENSIONS | 19.4" L x 4.1" W x 15.1" H |
| | EPA | 1.86 ft ² |
| | WEIGHT | 32.4 Pounds |
| | OPERATING TEMPERATURE | -40°F to 122°F (-40°C to 50°C) |
| | DRIVER LOCATION | Integral |

| | | | | |
|------------|--------------|---|---|--|
| ELECTRICAL | POWER | 266 Watts | | |
| | POWER SUPPLY | 100 to 277VAC; 50-60Hz | | |
| | CURRENT | 2.22 amps at 120 volts 0.96 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) - RGBW + Intensity (5 Channels) - RGBW 16-Bit (8 Channels) - Fixed Color - Master/Satellite - RGBW Calibrated White (4 Channels) - RGBW + Intensity + Strobe (6 Channels) | | |

| | | | | |
|-------------|---------------------------|------------------------------|--|--|
| PHOTOMETRIC | LED | RGBW (3000K or 4000K White) | | |
| | NUMBER OF LEDS | 24 Quad-Chip LEDs | | |
| | DELIVERED LUMEN OUTPUT | up to 11,502 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° | 11502 | 43 | 468,023 |
| | Narrow | 10° | 11199 | 42 | 252,325 |
| | Medium | 23° | 10702 | 40 | 57,877 |
| | Wide | 35° | 10377 | 39 | 27,505 |

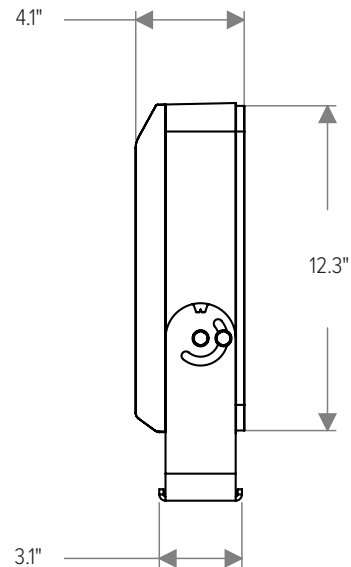
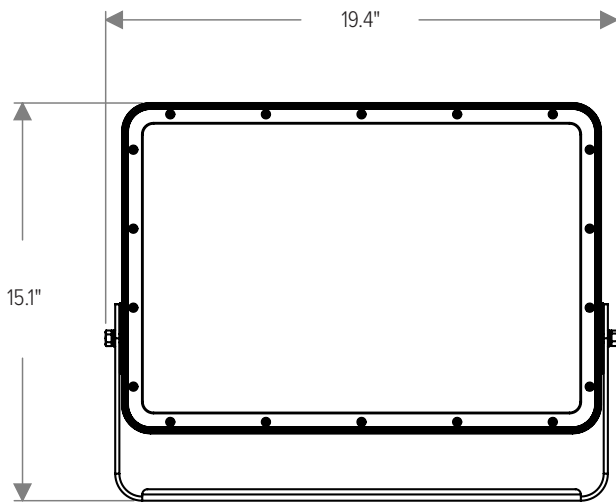
Values based on full output.

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

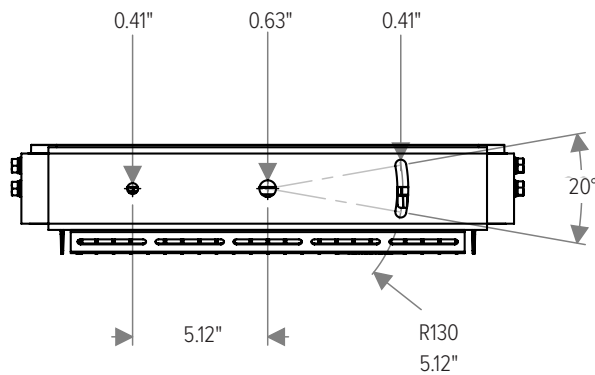
* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

DIMENSIONS

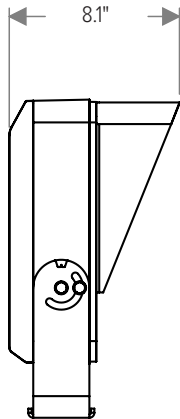
All dimensions are shown in inches unless otherwise noted.



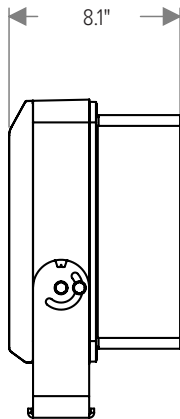
MOUNTING



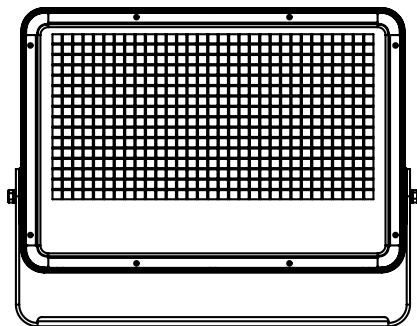
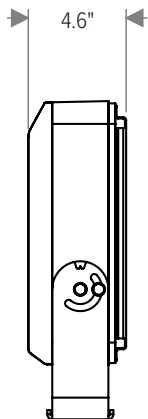
ACCESSORY DIMENSIONS



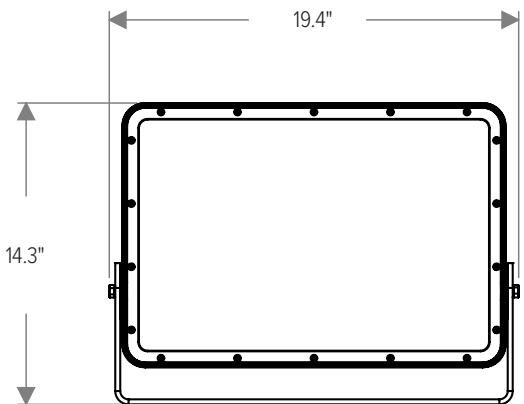
With Visor (CP300-VISOR-XX)



With Snoot (CP300-SNOOT-XX)



With Wire Guard (CP300-WIREGUARD-XX)



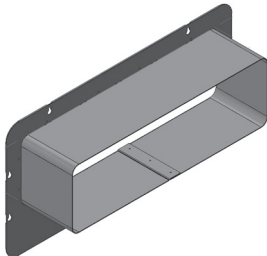
With 3G Mounting Yoke
(Factory Installed, Ordered with Luminaire)

ACCESSORIES

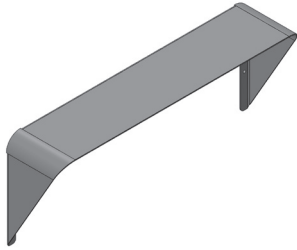
NOTE: Accessories are ordered and shipped separately from luminaire for field installation.
-XX* indicates a painted accessory. See bottom of page for painted accessory ordering information.



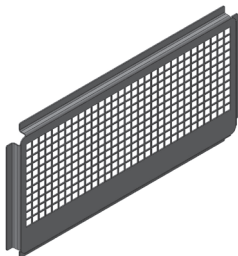
IR-CONFIG-REMOTE
Infrared Configuration Remote



CP300-SNOOT-XX*
Snoot



CP300-VISOR-XX*
Visor



CP300-WIREGUARD-XX*
Wire Guard

ORDERING INFORMATION

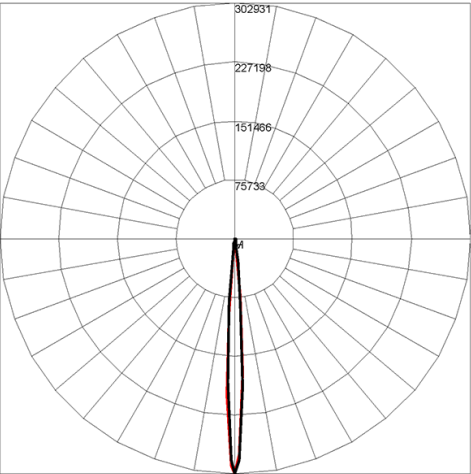
| PAINTED ACCESSORIES | | | | | |
|---------------------|------------|---------------|--------------------|--------|-----------------------|
| MODEL | | FINISH (*-XX) | | OPTION | |
| CP300-SNOOT | Snoot | AG | Anthracite Grey | AST | Anti-Saline Treatment |
| CP300-VISOR | Visor | BL | Black | | |
|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

PHOTOMETRICS - RGBW CANDELA DISTRIBUTION

 HORIZONTAL
 VERTICAL

SPOT 7°

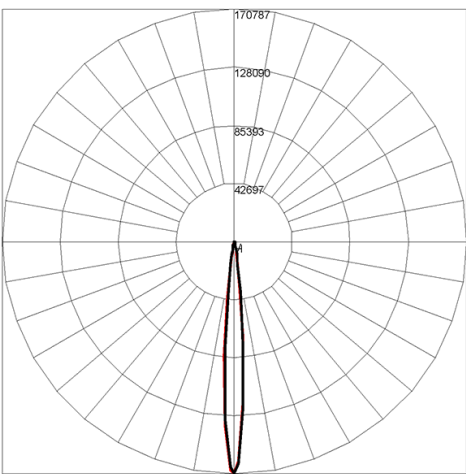
Maximum Candela = 468023 / 11503 Lumens



Maximum Candela = 302931.313 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

NARROW 10°

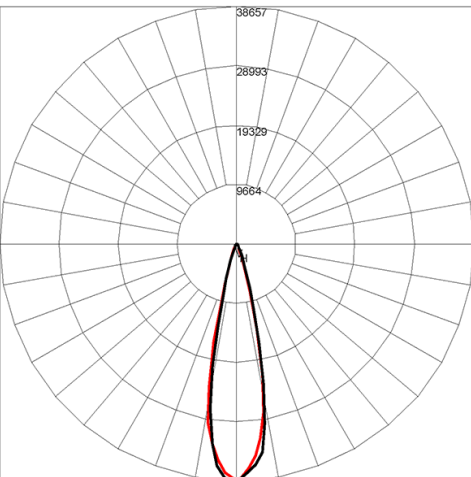
Maximum Candela = 252325 / 11199 Lumens



Maximum Candela = 170786.703 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

MEDIUM 23°

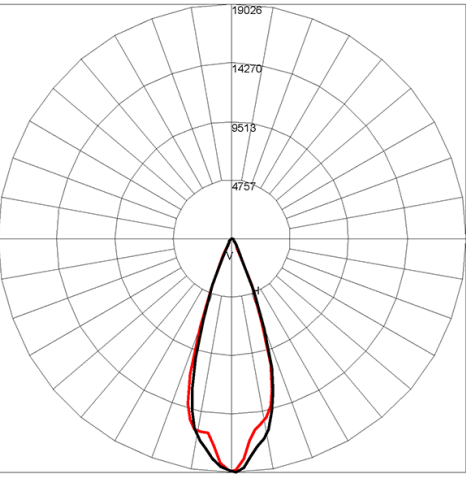
Maximum Candela = 57877 / 10702 Lumens



Maximum Candela = 38657.483 Located At Horizontal Angle = -1, Vertical Angle = -1
H - Horizontal Axial Candela
V - Vertical Axial Candela

WIDE 35°

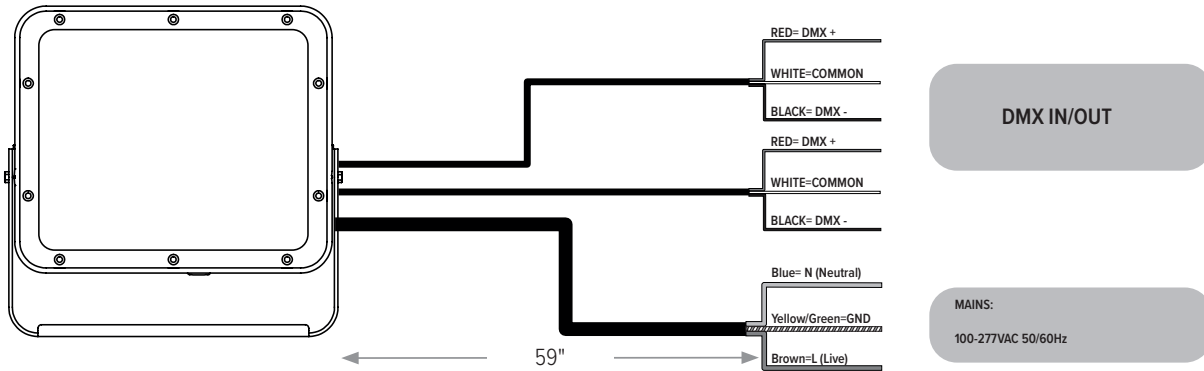
Maximum Candela = 27505 / 10377 Lumens



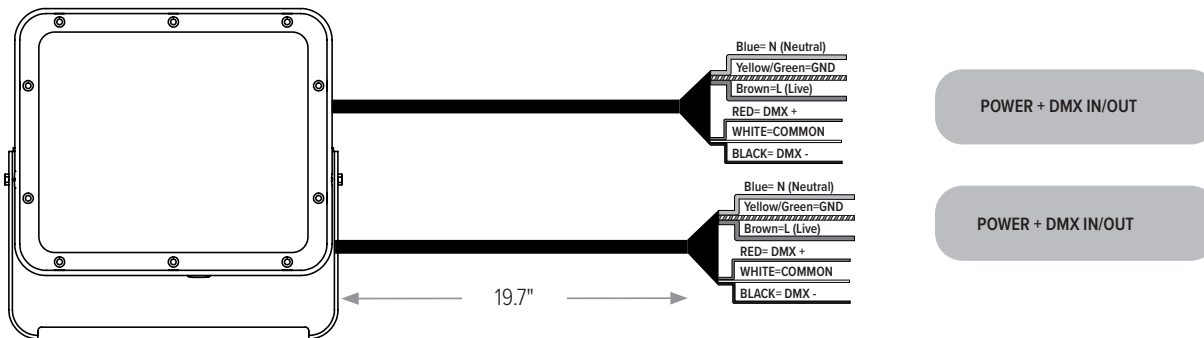
Maximum Candela = 19026.4 Located At Horizontal Angle = 0, Vertical Angle = 1
H - Horizontal Axial Candela
V - Vertical Axial Candela

CONNECTIONS

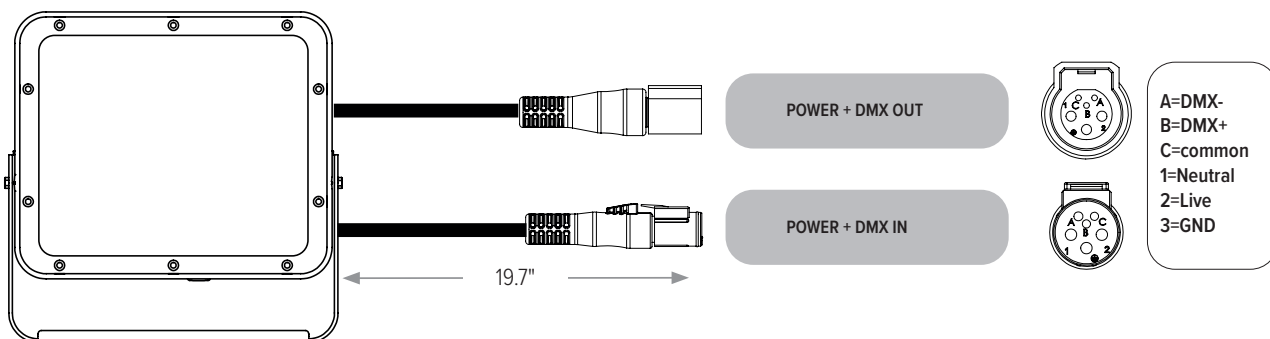
"S" Type Cable (Power In, DMX In, DMX Out)



"M" Type Cable (Monocable Without Connectors)



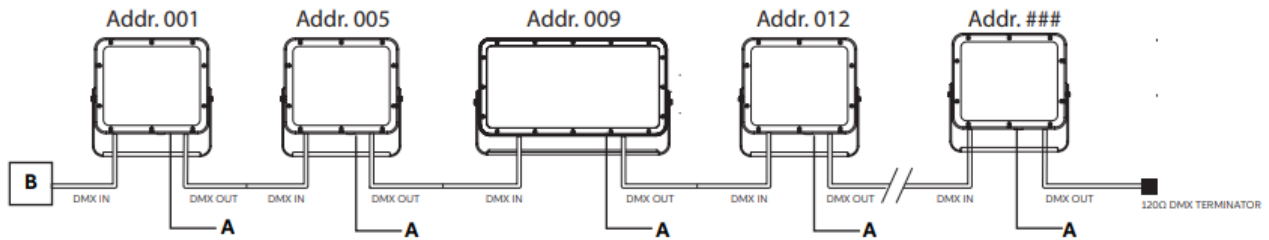
"C" Type Cable (Monocable With Connectors)



Note: the power and signal connections of S and M cable types can be carried out by using the connection kit included in the packing box. Follow the instructions provided along with the connection kit.

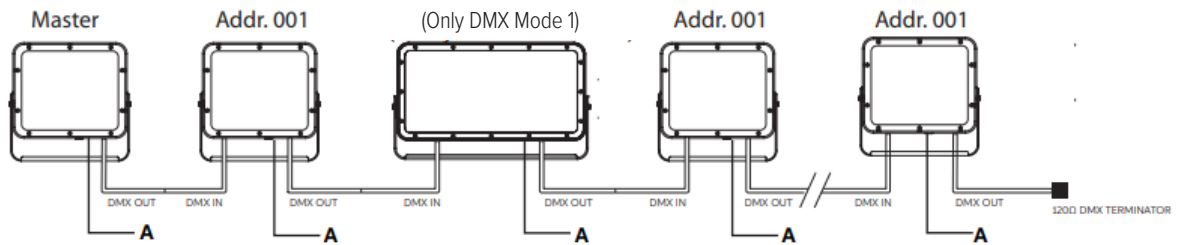
OPERATING MODES

DMX Mode



Example with fixtures set to 4 DMX channels

Master-Satellite/Automatic/Fixed Color Mode



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

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