CAPITAL 300 US
Dynamic White

GRIVEN

DESCRIPTION

CAPITAL 300 US accentuates the designer's palette with an ultra-narrow 3.2° beam using 60 high-power LEDs fitted with precision optics. Grazing of vertical columnar features or illumination of objects at distance both benefit from the high-performance of this luminaire.

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE							
MODEL	**CCT**	**CONTROL**	**CABLE**	**VOLTAGE**	**OPTIC** *	**FINISH**	**OPTION**
CP300US Capital 300 Ultra-Spot	**DW** Dynamic White (2700K to 6500K)	**DMX-RDM** DMX-RDM	**S** Power in (7.9"), DMX in, DMX out (59")	**UNV** 120 - 277V	**US** Ultra Spot 3.2°	**AG** Anthracite Grey	**AST** Anti-Saline Treatment
CP300USPE Capital 300 Ultra-Spot Polar Edition			**M** Monocable Without Connectors (19.7")			**BL** Black	**3G** 3G Mounting Yoke
			C Monocable With Connectors (19.7")			**SG** Griven Silver Grey	
						WH White	
						CC Custom RAL Color	

*Consult factory for availability of other optical options.

See Page 5 for ordering information of available accessories.

GRIVEN

PHYSICAL		CAPITAL 300 US
	HOUSING	Die-Cast Aluminum
	OVERALL DIMENSIONS	19.4" L x 4.1" W x 15.1" H
	EPA	1.86 ft²
	WEIGHT	32.4 Pounds
	OPERATING TEMPERATURE	-40°F to 122°F (-40°C to 50°C)

ELECTRICAL				
	POWER	156 Watts		
	CURRENT	1.3 amps at 120 volts 0.56 amps at 277 volts		
	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) - DW + Intensity (3 Channels) - DW 16-Bit Mode (4 Channels)	- Master/Satellite - Stand-Alone Fixed CCT	

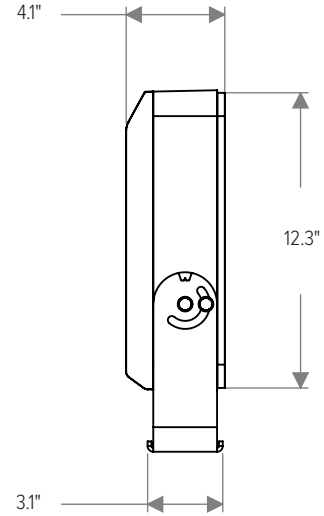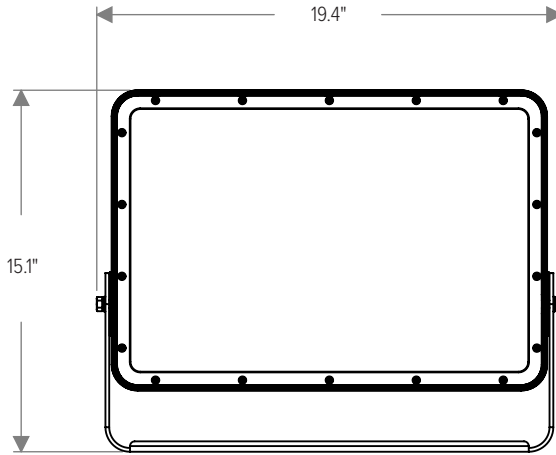| PHOTOMETRIC		
	LED	Dynamic White (2700K to 6500K)
	DRIVER LOCATION	Integral
	DELIVERED LUMEN OUTPUT	up to 9970 lumens
	EFFICACY	up to 64 lumens per watt
	LUMEN MAINTENANCE	L70 > 100,000 Hours at 77°F*
	LIGHT CONTROL ACCESSORIES	Snoot, Visor Available

LIGHT DISTRIBUTIONS	DISTRIBUTION	BEAM ANGLE	LUMENS	EFFICACY	MAX. CANDELA
	Ultra-Spot	3.2°	9970	64	1,641,253

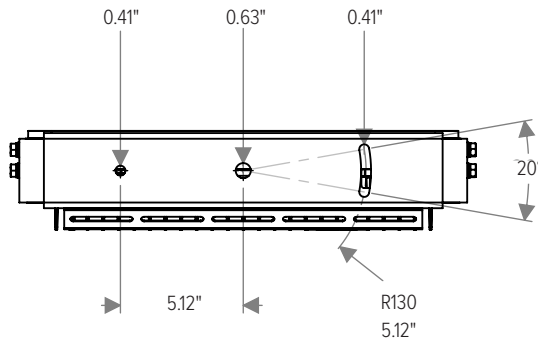| CERTIFICATIONS		
	SAFETY	ETL Certified for Wet Locations
	INGRESS PROTECTION	IP67
	IMPACT RATING	IK09
	WARRANTY	Limited Five Year Warranty

* 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.

# EXPERIENCE BRANDS®

www.Griven-USA.com
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Rev 20230811

CAPITAL 300 US
Dynamic White

GRIVEN

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

19.4"

15.1"

4.1"

12.3"

3.1"

MOUNTING

0.41"   0.63"   0.41"

20°

5.12"   R130
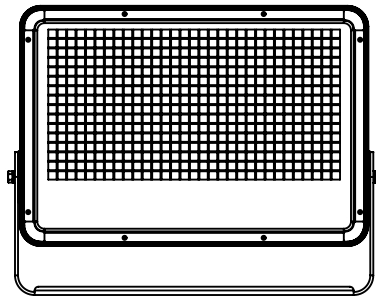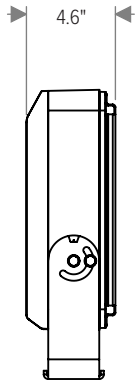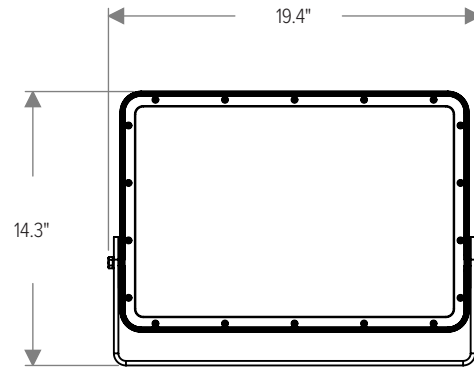5.12"

ACCESSORY DIMENSIONS

8.1"
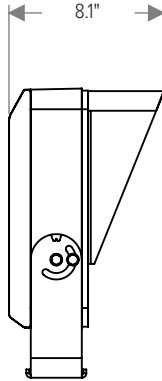
With Visor (CP300-VISOR-XX)

8.1"
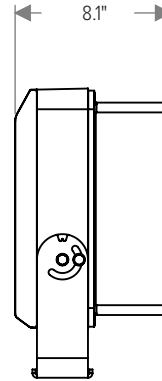
With Snoot (CP300-SNOOT-XX)

4.6"

With Wire Guard (CP300-WIREGUARD-XX)

19.4"

14.3"

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

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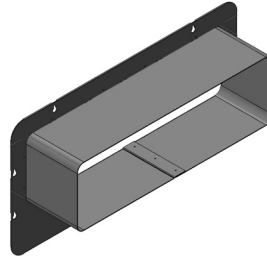
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ACCESSORIES

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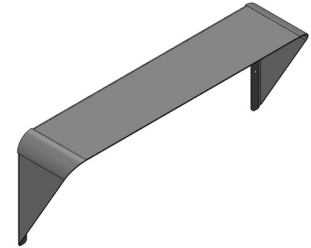
-XX* indicates a painted accessory. See bottom of page for painted accessory ordering information.
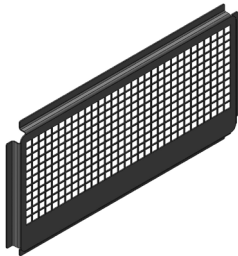
IR-CONFIG-REMOTE
Infrared Configuration Remote

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 - DYNAMIC WHITE CANDELA DISTRIBUTION

—— HORIZONTAL
—— VERTICAL

ULTRA SPOT 3.2°

Maximum Candela = 1641253 / 9970 Lumens

1641253

1230939

820626

410313
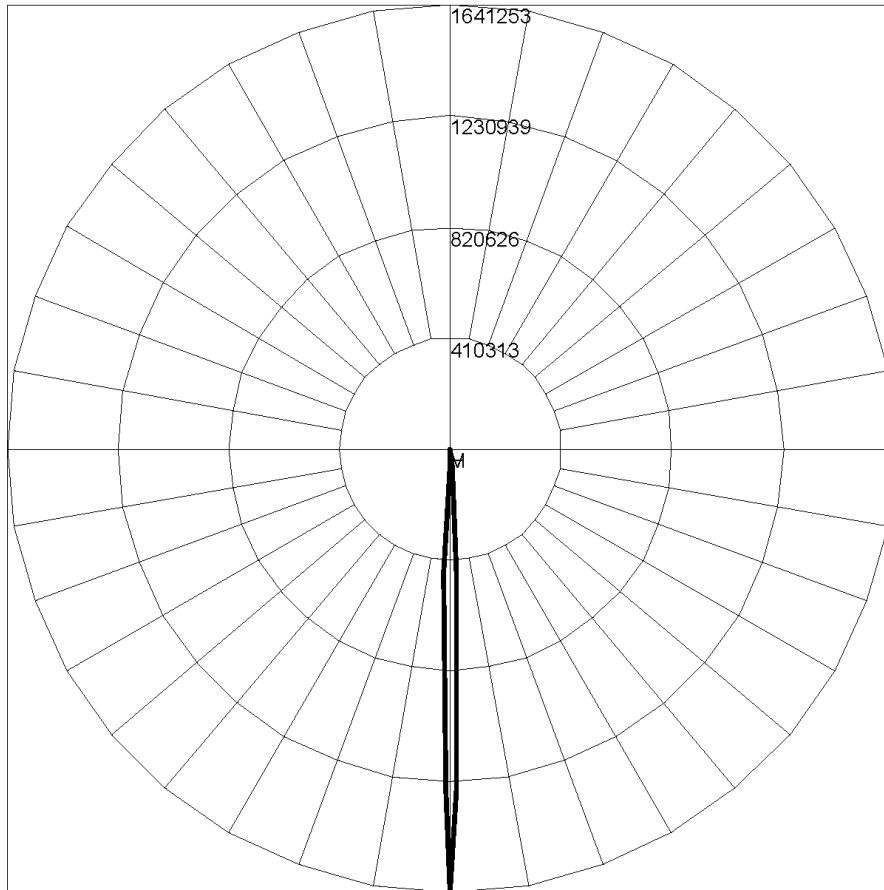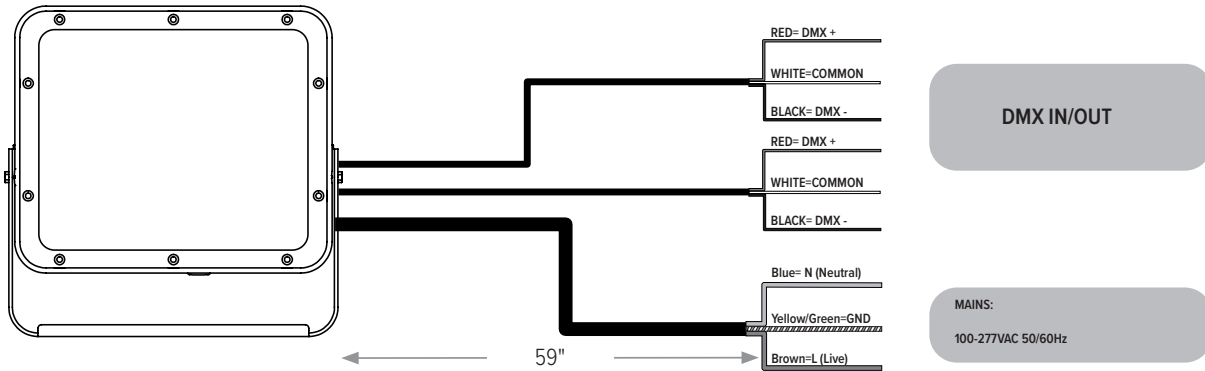
Maximum Candela = 1641252.6   Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

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Rev 20230811

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CONNECTIONS

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

RED= DMX +
WHITE=COMMON
BLACK= DMX -
RED= DMX +
WHITE=COMMON
BLACK= DMX -

DMX IN/OUT

Blue= N (Neutral)
Yellow/Green=GND
Brown=L (Live)

MAINS:

100-277VAC 50/60Hz

59"

"M" Type Cable (Monocable Without Connectors)

Blue= N (Neutral)
Yellow/Green=GND
Brown=L (Live)
RED= DMX +
WHITE=COMMON
BLACK= DMX -

POWER + DMX IN/OUT

Blue= N (Neutral)
Yellow/Green=GND
Brown=L (Live)
RED= DMX +
WHITE=COMMON
BLACK= DMX -

POWER + DMX IN/OUT

19.7"

"C" Type Cable (Monocable With Connectors)

POWER + DMX OUT

POWER + DMX IN

19.7"

A=DMX-
B=DMX+
C=common
1=Neutral
2=Live
3=GND
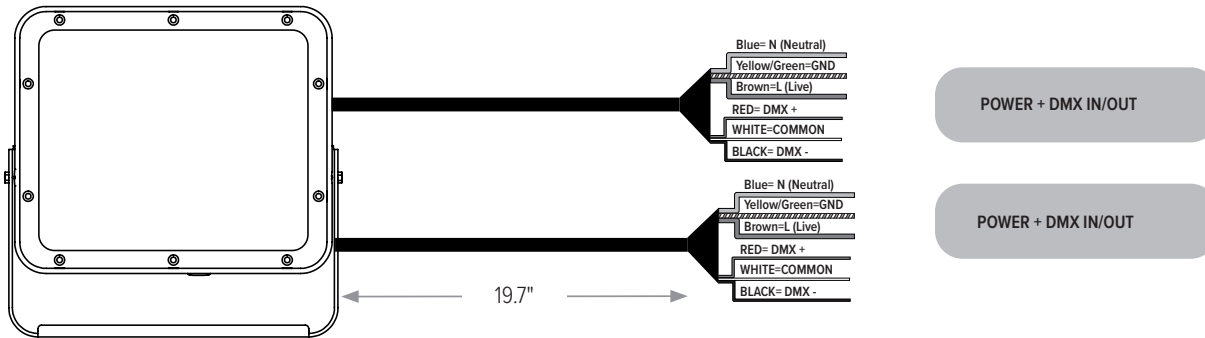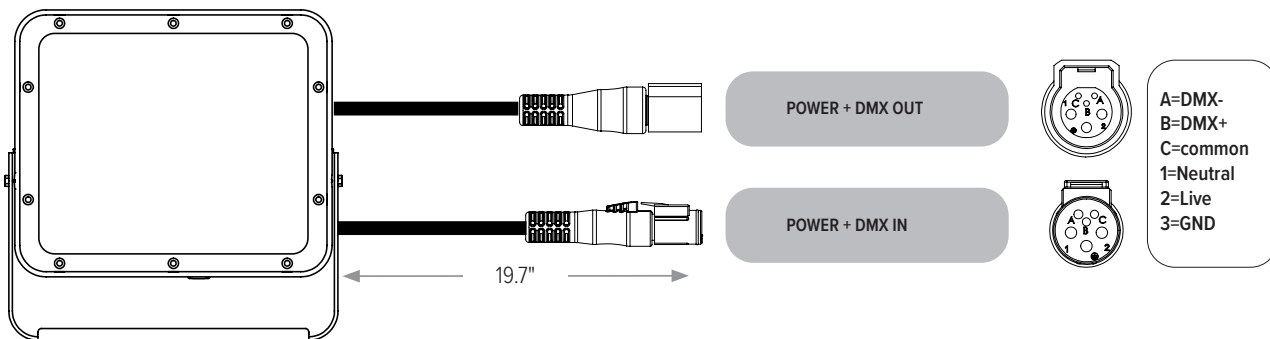
Note: the power and signal connections of S and M cable types can be carried out by using the connection kit included in the packing box. Follow the instructions provided along with the connection kit.
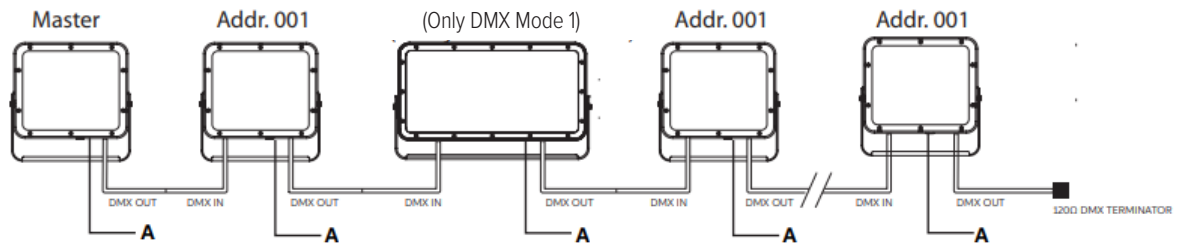
OPERATING MODES

DMX Mode

Addr. 001   Addr. 005   Addr. 009   Addr. 012   Addr. ###

B

DMX IN   DMX OUT   DMX IN   DMX OUT   DMX IN   DMX OUT   DMX IN   DMX OUT   DMX IN   DMX OUT   120Ω DMX TERMINATOR

A   A   A   A   A
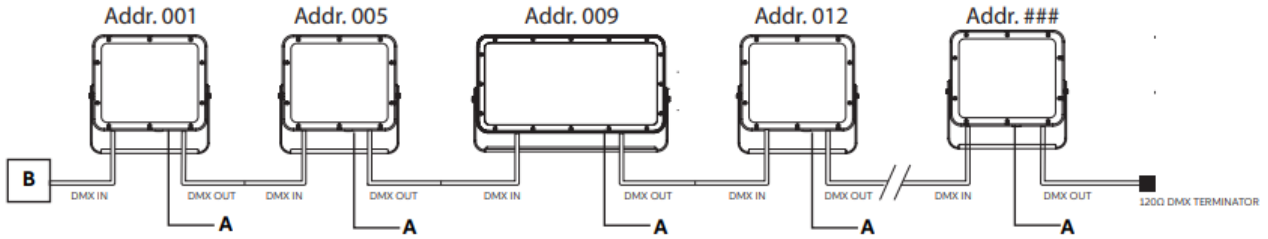
Example with fixtures set to 4 DMX channels

Master-Satellite/Automatic/Fixed Color Mode

Master   Addr. 001   (Only DMX Mode 1)   Addr. 001   Addr. 001

DMX OUT   DMX IN   DMX OUT   DMX IN   DMX OUT   DMX IN   DMX OUT   DMX IN   DMX OUT   120Ω DMX TERMINATOR

A   A   A   A   A

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