CAPITAL 100
RGBW

GRIVEN

DESCRIPTION

CAPITAL 100 delivers remarkable performance from a strikingly compact body.

Tailored to the demanding needs of the most imaginative 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
CP100 Capital 100	**RGBW30K** RGBW (3000K White)	**DMX-RDM** DMX-RDM	**S** Power in, DMX in, DMX out (59")	**UNV** 120 & 277V	**SP** Spot 8°	**AG** Anthracite Grey	**AST** Anti-Saline Treatment
CP100PE Capital 100 Polar Edition	**RGBW40K** RGBW (4000K White)		**M** Monocable Only (19.7")		**NB** Narrow 12°	**BL** Black	**3G** 3G Mounting Yoke
			C Monocable with Connectors (19.7")		**MB** Medium 23°	**SG** Griven Silver Grey	**LVR** Internal Honeycomb Louver
					WB Wide 43°	**WH** White	
					EW Extra Wide 58°	**CC** Custom RAL Color	
					ELH Elliptical Horizontal 42° H x 10° V		
					ELWH Elliptical Wide Horizontal 39° H x 20° V		
					WW Wall Wash 36° H x 15° V		

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.

COMPLIANCE

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1/8

Rev 20241009

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PHYSICAL		CAPITAL 100		
	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	73 Watts		
	POWER SUPPLY	120 and 277VAC; 50-60Hz		
	CURRENT	0.61 amps at 120 volts 0.26 amps at 277 volts		
	CONTROL	DMX-RDM		
	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"

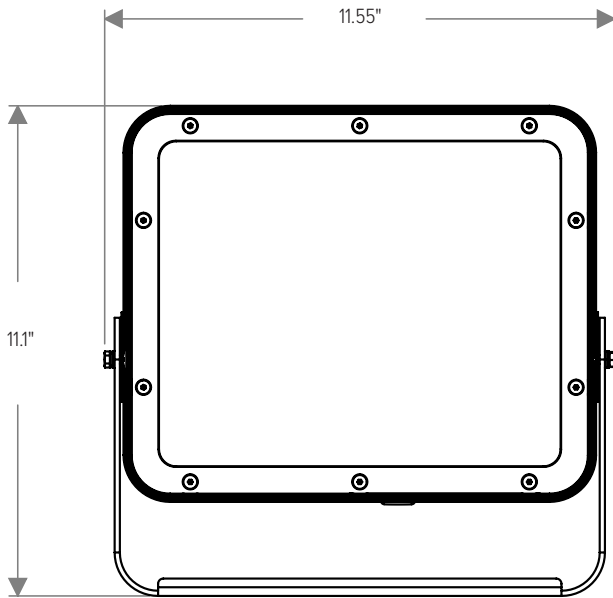| PHOTOMETRIC			
	LED	RGBW (3000K or 4000K White)	
	DRIVER LOCATION	Integral	
	DELIVERED LUMEN OUTPUT	up to 5198 lumens	
	EFFICACY	71 lumens per watt	
	LUMEN MAINTENANCE	L70 > 100,000 Hours at 77°F*	
	LIGHT CONTROL ACCESSORIES	Snoot, Visor, Internal Honeycomb Louver Available	

LIGHT DISTRIBUTIONS	DISTRIBUTION	BEAM ANGLE	RGBW 3000K		RGBW 4000K	
			LUMENS	EFFICACY	LUMENS	EFFICACY
	Spot	8°	5042	69	5198	71
	Narrow	12°	4484	61	4623	63
	Medium	23°	4308	59	4441	61
	Wide	43°	4224	58	4355	60
	Extra Wide	58°	4320	59	3526	48
	Elliptical Horizontal	42° H x 10° V	4134	57	4262	58
	Elliptical Wide Horizontal	39° H x 20° V	3879	53	3999	55
Values based on full output.	Wall Wash	36° H x 15° V with 5° Incline	3553	49	3663	50

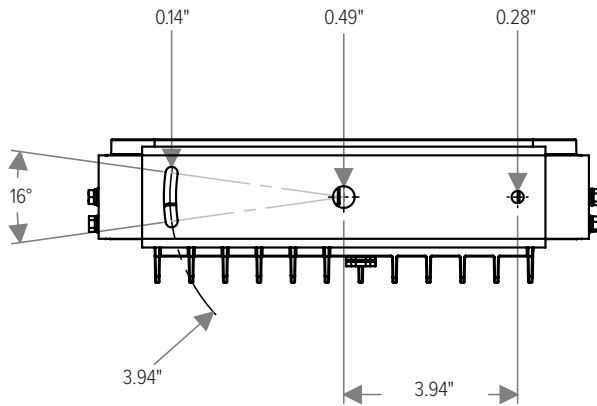| CERTIFICATIONS		
	SAFETY	ETL Certified for Damp Locations
	INGRESS PROTECTION	IP67
	IMPACT RATING	IK09
	WARRANTY	Limited Five Year Warranty

* 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.
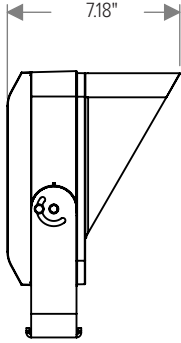
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2/8

Rev 20241009

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

MOUNTING

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3/8

Rev 20241009

ACCESSORY DIMENSIONS

7.18"

With Visor (CP100-VISOR-XX)

7.22"
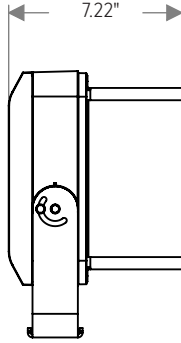
With Snoot (CP100-SNOOT-XX)

3.76"
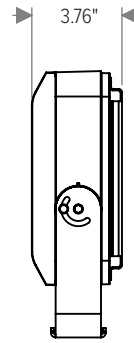
With Wire Guard (CP100-WIREGUARD-XX)

11.10"

11.55"
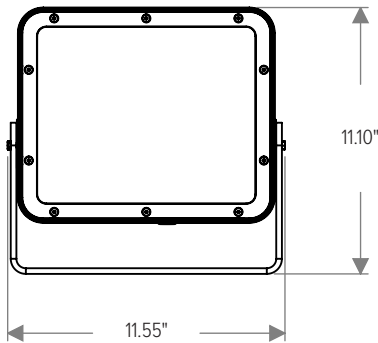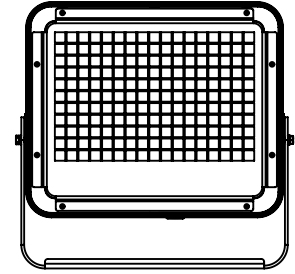
With 3G Mounting Yoke
(Ordered with Luminaire)

16.61"

11.55"
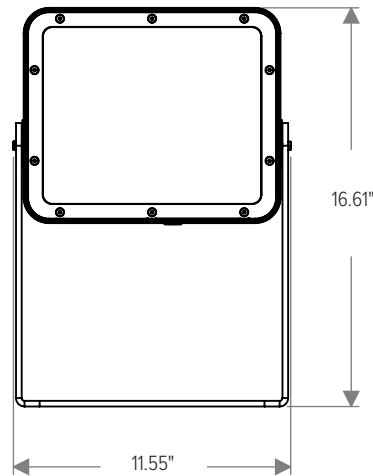
With 11.8" Extended Mounting Yoke
(CP100-EXTYOKE300-XX)

20.94"

11.55"
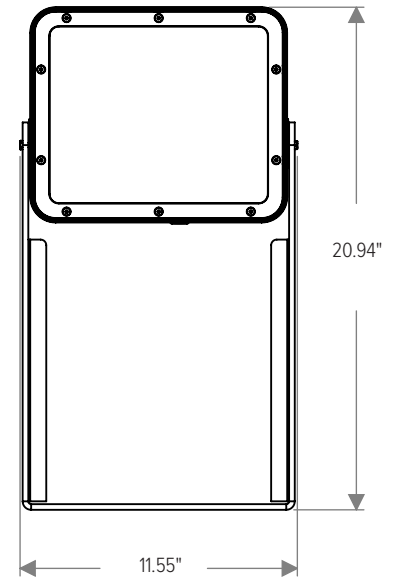
With 16.1" Extended Mounting Yoke
(CP100-EXTYOKE410-XX)

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ACCESSORIES

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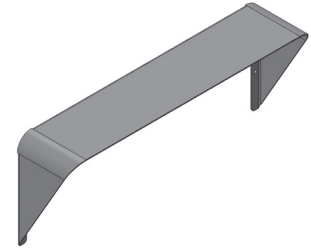
-XX* indicates a painted accessory. See bottom of page for painted accessory ordering information.
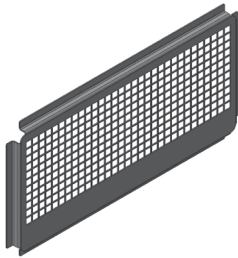
IR-CONFIG-REMOTE

Infrared Configuration Remote
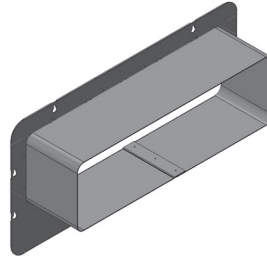
CP100-SNOOT-XX*

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		

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PHOTOMETRICS - RGBW CANDELA DISTRIBUTION
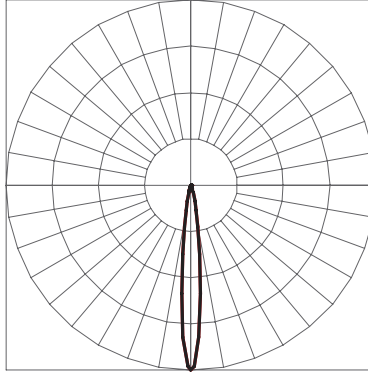
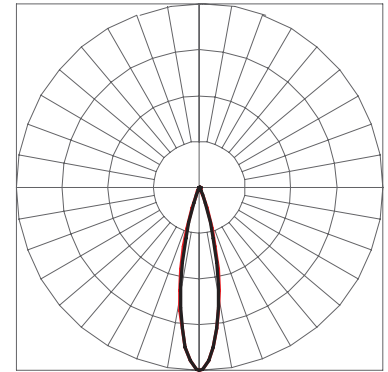—— HORIZONTAL
—— VERTICAL

SPOT 8° (SP)
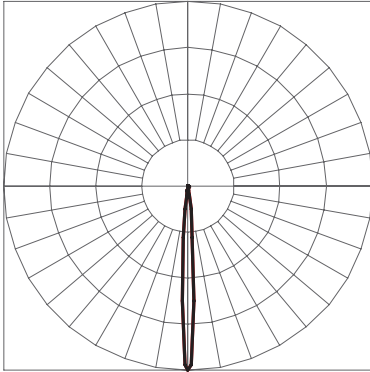
CBCP 157,658 / 4,093 LM
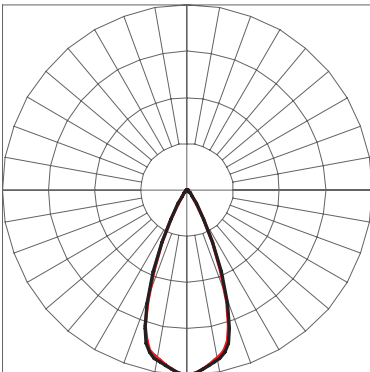
NARROW 12° (NB)

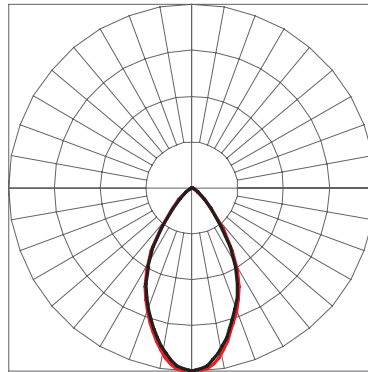CBCP 54,705 / 3,640 LM

MEDIUM 23° (MB)
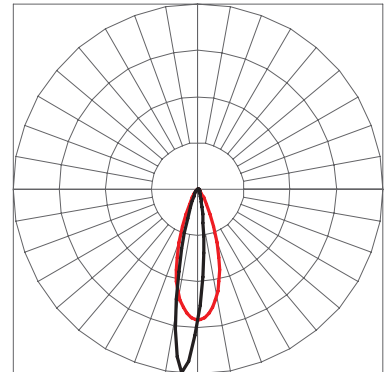
CBCP 18,820 / 3,497 LM

WIDE 43° (WB)

CBCP 6,248 / 3,429 LM

EXTRA WIDE 58° (EXWB)

CBCP 2,899 / 2,788 LM

WALL WASH 36° x 15° (WW)

CBCP 12,440 / 2,884 LM

ELLIPTICAL 42° x 10° (ELLB)
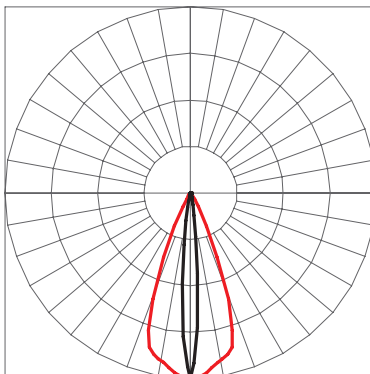
CBCP 22,387 / 3,356 LM

WIDE 39° x 20° (ELWB)

CBCP 11,043 / 3,149 LM

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6/8

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CONNECTIONS

"S" Type Cable (Power In, DMX In, DMX Out)
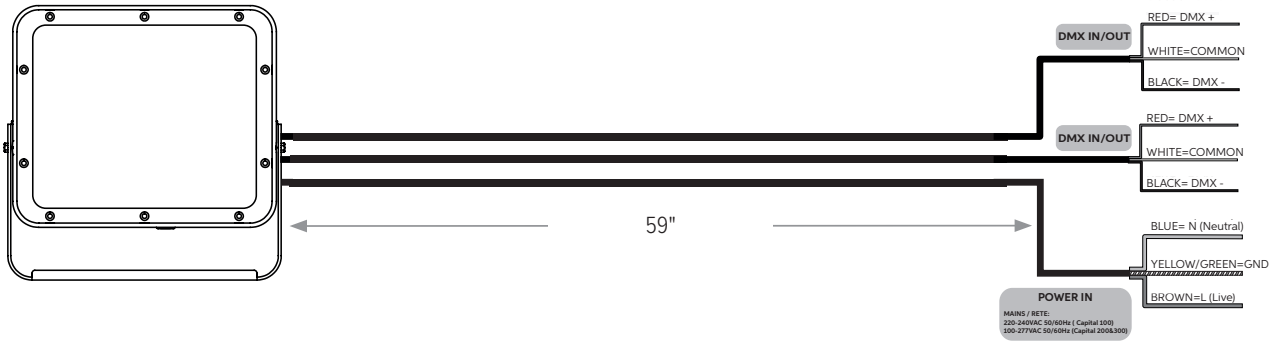
DMX IN/OUT
RED= DMX +
WHITE=COMMON
BLACK= DMX -

DMX IN/OUT
RED= DMX +
WHITE=COMMON
BLACK= DMX -

59"

BLUE= N (Neutral)
YELLOW/GREEN=GND
BROWN=L (Live)

POWER IN
MAINS / RETE:
220-240VAC 50/60Hz (Capital 100)
100-277VAC 50/60Hz (Capital 200&300)

"M" Type Cable (Monocable Without Connectors)

BLUE= N (Neutral)
YELLOW/GREEN=GND
BROWN=L (Live)

POWER + DMX IN/OUT

RED= DMX +
WHITE=COMMON
BLACK= DMX -

BLUE= N (Neutral)
YELLOW/GREEN=GND
BROWN=L (Live)

POWER + DMX IN/OUT

19.7"

RED= DMX +
WHITE=COMMON
BLACK= DMX -

"C" Type Cable (Monocable With Connectors)

POWER + DMX OUT

POWER + DMX IN

A=DMX-
B=DMX+
C=common
1=Neutr
2=Li
3=GN

19.7"
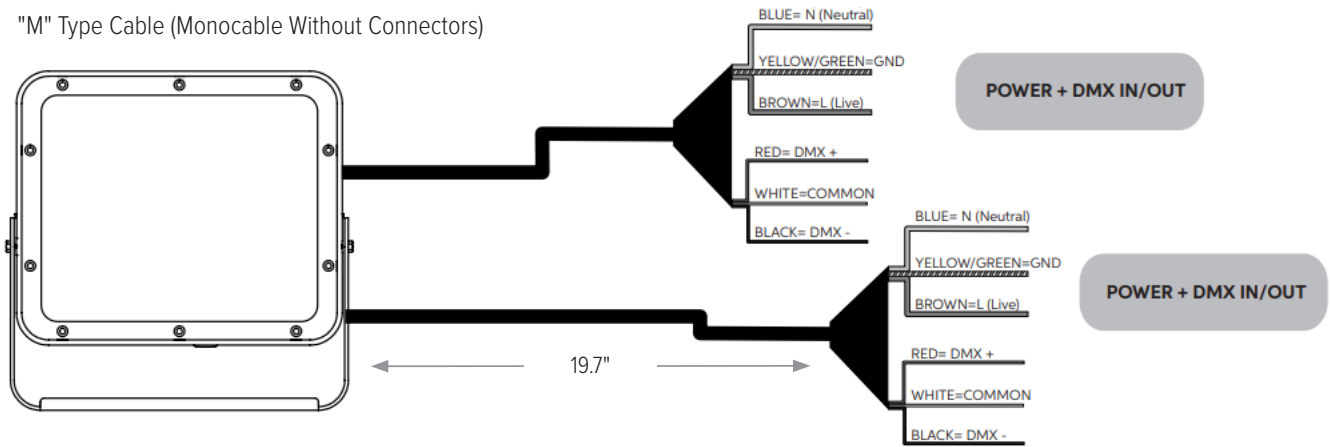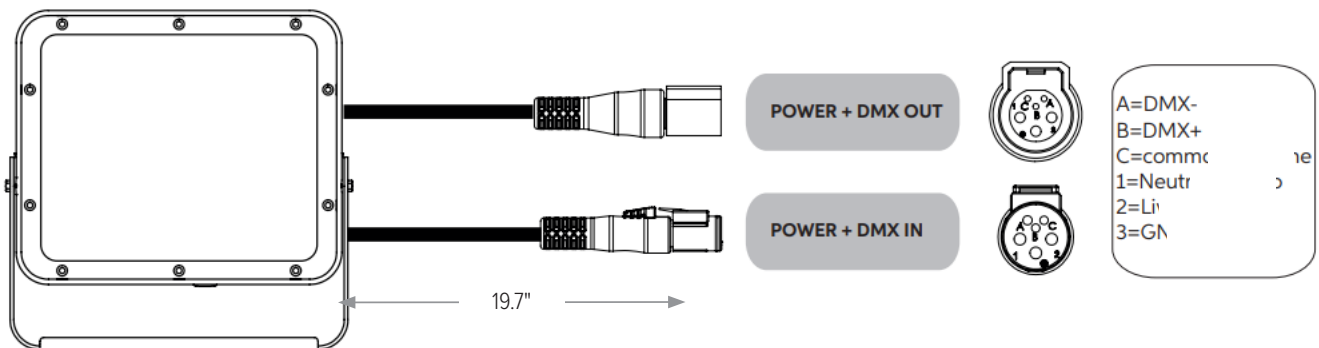
OPERATING MODES

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

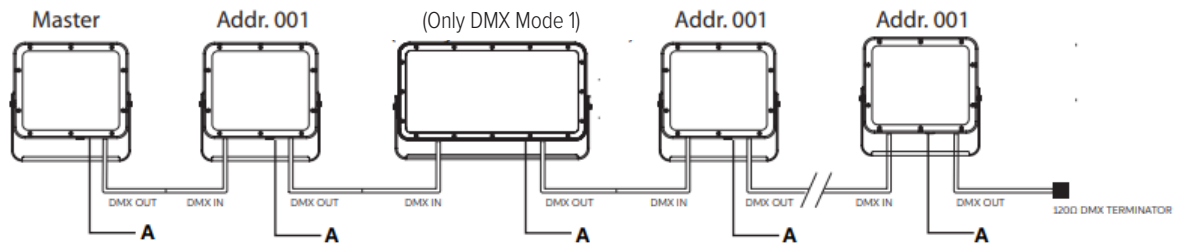A   A   A   A   A
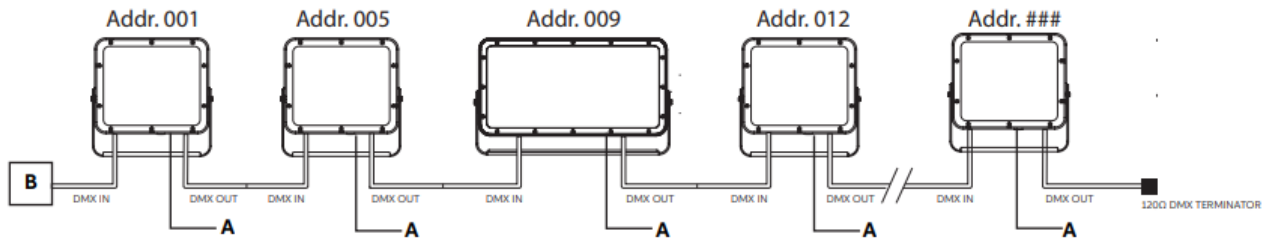
Example with fixtures set to 4 DMX channels
Esempio con apparecchi impostati su 4 canali DMX

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.**

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8/8

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