Datasheet

AX9
POWER|PAR

The AX9 utilizes the AX5's successful 3-in-1 concept which allows it to be used as wireless light and elegant uplight as well as a wired PAR light for longer or bigger installations. This makes it an extremely cost-efficient light and keeps your investment to a minimum. The AX9 packs extreme brightness in a compact and light housing while still giving you industry-leading colors and white tones thanks to its Titan LED Engine.

Max 20h **Wireless DMX** **IP65** **App**

SPECIFICATIONS

Order Code	AX9
LED Engine	Titan LED Engine
Colors	RGBMintAmber
Total LED Power	105W
LED Power Draw	70W
Light output – 2700K, 3200K, 5500K*	2497 lm / 3008 lm / 2891 lm
Emittance @2m – 2700K, 3200K, 5500K*	9700 lx / 9900 lx / 9600 lx
CRI(Ra)/TLCI 3200-6500k*	≥96
Beam Angle	13°
Strobe	0 - 25Hz
Pixel	1
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hours
AC Input	100-240VAC, 50/60Hz, 2.3A/115VAC ~ 1.1A/230VAC 110W
Wired DMX	Yes
CRMX Receiver	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF, Bluetooth
Range (m/yds)	300 / 330 (3/3,3 Bluetooth)
Housing Material	Aluminium
IP Rating	IP65
Ambient Temperature (°C/°F)	0° - 40° / 32° - 104°
Weight (kg/lbs)	5.66 / 12.5
Dimensions (mm/inches)	175 x 222 x 256 / 6.9 x 8.7 x 10.1

*Typical value

RF CHARACTERISTICS

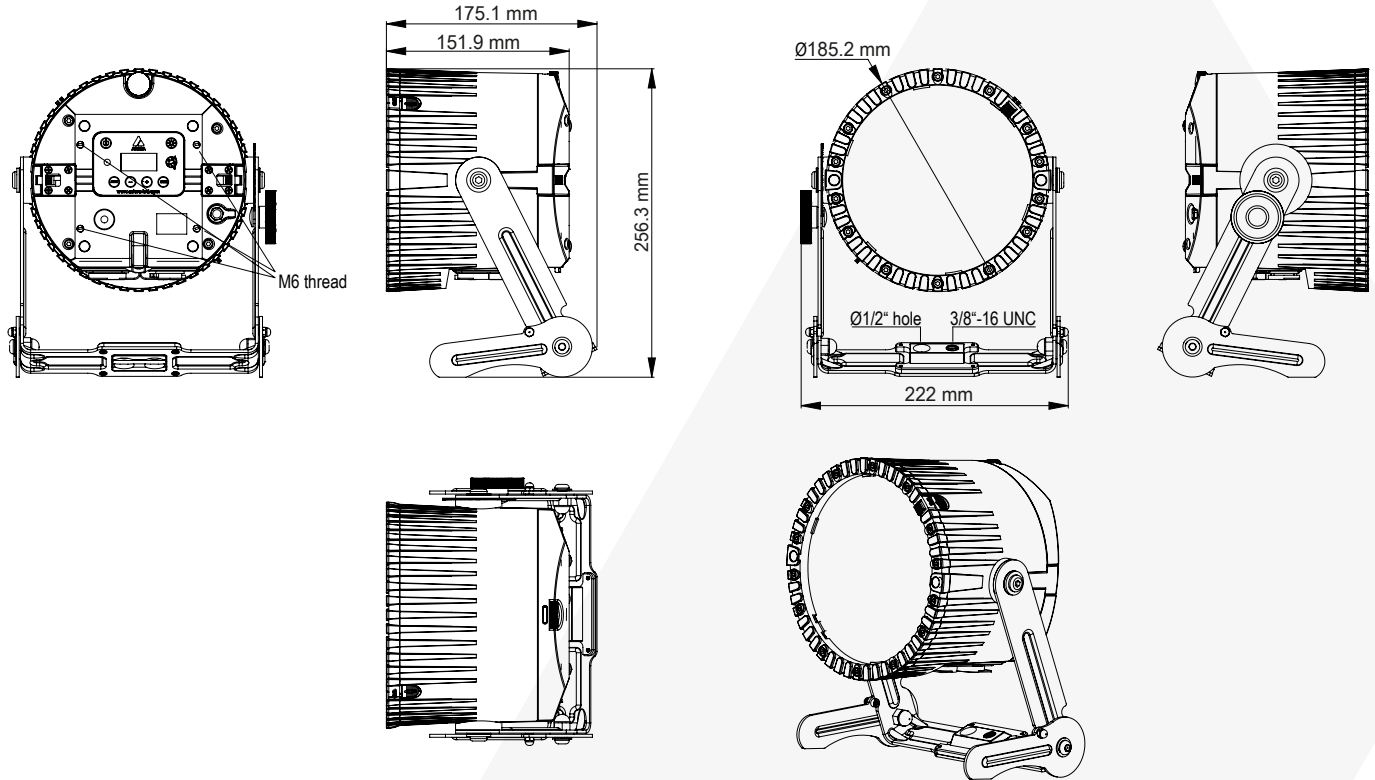| Wireless Modules	EU: UHF (863-870MHz)	USA: UHF (917-922.20MHz)	AUS: UHF (922.30-927.50MHz)	SGP: UHF (920.50-924.50MHz)
Modulation	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	<25mW
Channel Count	47	53	53	41

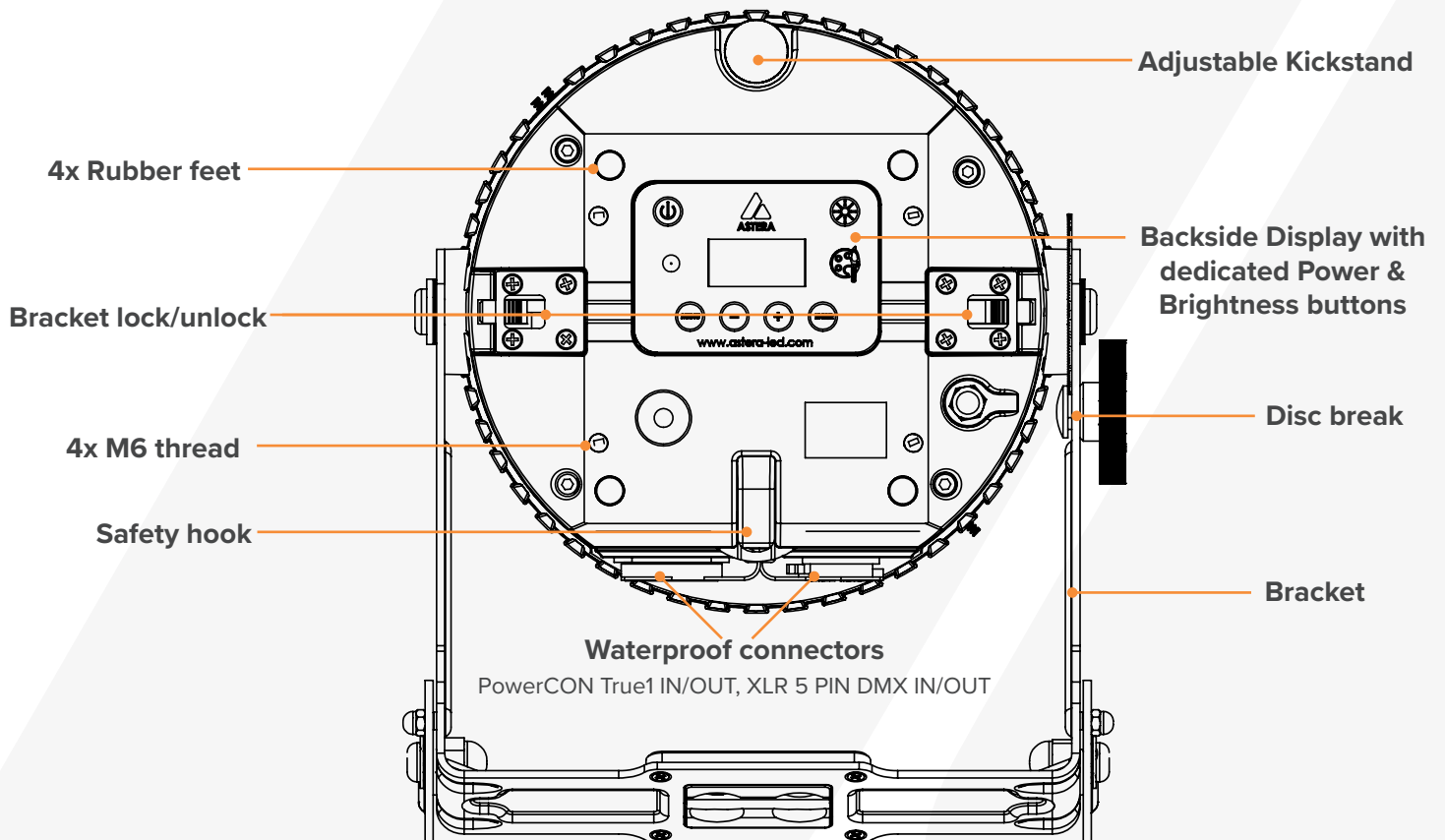| Wireless Modules	KOR: UHF (917.9-921.5MHz)	RUS: UHF (868.75-869.12MHz)	JPN: UHF (922.80-926.40MHz)	CRMX (2402-2480MHz)	Bluetooth 5.0 LE (2402-2480MHz)
Modulation	FHSS	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	-	10mW (BLE)
Channel Count	10	6	19	79	40

BUILT-IN BLUETOOTH AND UHF TRANSMITTER

Connect directly to a AX9 PowerPAR via Built-In Bluetooth. This master light will revert AsteraApp commands to all other NYX Bulbs and other Astera lights via UHF band.

DRAWINGS

175.1 mm
151.9 mm
256.3 mm
M6 thread

Ø185.2 mm
Ø1/2" hole
3/8"-16 UNC
222 mm

BACKSIDE AND BRACKET

Adjustable Kickstand

4x Rubber feet

Backside Display with dedicated Power & Brightness buttons

Bracket lock/unlock

Disc break

4x M6 thread

Safety hook

Bracket

Waterproof connectors
PowerCON True1 IN/OUT, XLR 5 PIN DMX IN/OUT
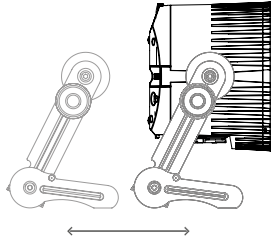
www.astera-led.com
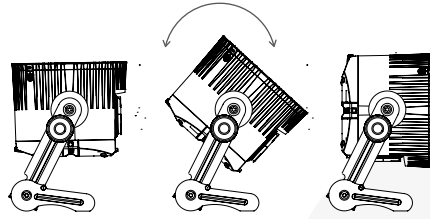
ACCESSORIES

AX9 Bracket
AX9-STA

included

Dimensions (mm/inch):
200 x 222 / 7.9 x ø 8.7
Weight (g/lbs):
808g / 1.8 lbs

Removeable

Tiltable

AirlineTrack on bottom for attaching mounting accessories
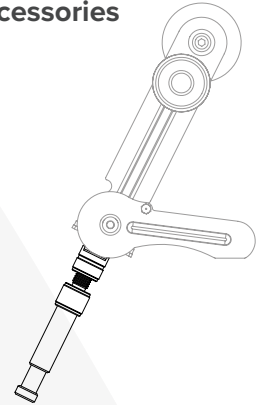
Foldable
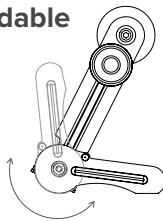
3/8"-16 UNC   1/2" hole
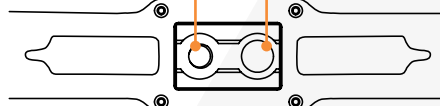
Set of 8 FlexCovers Mirror or White

AX9-FLXCVR-MIR-8 / -WT-8

Dimensions (mm/inch):
685 x 210 / 27 x 8.3
Weight 1pc (g/lbs):
64g / 0.14lbs

AX9 wrapped with FlexCover

EggCrate
AX9-EGC

sample image

Dimensions (mm/inch):
tba
Weight (g/lbs):
tba

EggCrate on AX9 PowerPar

Filters

included

included

FloodFilter 32°
AX9-FF

WallwashFilter 17°x46°
AX9-WWF

TrackPin
AX-TP

BabyPin
FP1-BLT

TYPICAL SPECTRAS

CRI (Ra): 98   CRI (Re): 97   TLCI-2012: 98

1	2	3	4	5	6	7	8	9	10	11	12	13	14
99	99	98	98	100	98	98	96	91	99	95	85	100	99

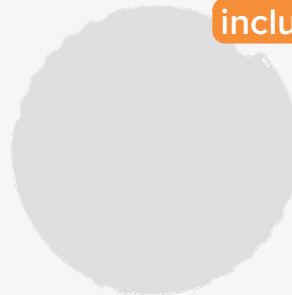| 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
98	99	100	99	94	97	100	99	100	96	100	100	96	100	99	100	99	100

CRI (Ra): 98   CRI (Re): 96   TLCI-2012: 97

1	2	3	4	5	6	7	8	9	10	11	12	13	14
99	99	96	98	99	96	99	99	97	96	95	76	100	97

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
98	98	99	99	95	94	100	98	100	97	99	100	93	99	98	100	98	100

CRI (Ra): 96   CRI (Re): 94   TLCI-2012: 97

1	2	3	4	5	6	7	8	9	10	11	12	13	14
98	97	93	96	98	93	97	98	95	93	94	72	99	96

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
97	98	98	99	97	95	99	96	100	99	98	98	90	99	100	98	99	98

Typical values