



AccessFixtures

High-Performance Lighting Solutions



APTA SPORT LIGHT SERIES

APTA SPORTS LIGHT FEATURES & BENEFITS

01.HOUSING

- Die cast aluminum housing.
- Modular design allows for easy installation, replacement and maintenance. This design also creates a chimney effect which provides exceptional thermal management.
- IK08 rated.

02.FINISH

- Corrosion resistant polyester powder painted 100µm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard colors: Grey, Black, Bronze and White.
- Customized colors are available.

03.LED & OPTICAL ASSEMBLY

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 15 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.

04.MOUNTING

- Side-entry or post-top mounting.
- Slipfitter with +/- 90 degree of adjustment for leveling.
- Adjustable for 1 5/8-2 3/8"(42mm-60mm) O.D. tenon.
- Interchangeable with the other GAMA Series with a bracket change.
- Brackets are available for different installations.

05.Electrical/ Key Components/ Controls

- 120-277VAC and 347-480VAC available.
- Surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002 available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. DALI, 1-10V.

06.Product Certifications

- UL/ CUL/DLC/ LM79/ SAA/ ENEC/ CB/ CE/ ErP/ RoHS/ IK08
(Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org)



TECHNICAL PARAMETERS

Power	30-320W	IP Rating	IP67
Input	120-277VAC or 220-240VAC or 347-480 VAC	SPD	Optional
PF	>0.95	Certificate/Qualification	UL/ CUL/DLC/ LM79/ SAA/ ENEC/ CB/ CE/ ErP/ RoHS/ IK08
THD	<20%	DALI	Optional
L70/L90	>200,000H/>60,000H	1-10V	Optional
Operating Temperature	-40°C ~ +50°C	Photocell	Optional
Typical Efficacy	120-160lm/W	Smart Control	Optional
ANSI CCT	3000K/4000K/5000K/5700K	Optic (IESNA)	Type I, Type II, Type III, Type IV, Type V
Min CRI	70* or 80 or 90	Color Options	Grey/Black/Bronze/White

* Standard

ORDERING INFORMATION

MODEL (Nominal Power)			MOUNTING	OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL	ACCESSORY INFO
FLA30 30W	FLB40 40W	FLC80* 80W	L	T1M Type I Medium	30K 3045	★ BK Black (RAL:9011)	00 Not required	Bird Spike
FLA60 60W	FLB80 80W	FLC120* 120W		T2M Type II Medium	±175K		GR Grey (RAL:7004)	01 Photocell
FLA90 90W	FLB120 120W	FLC160* 160W		T3M Type III Medium	★ 40K 3985	02 Motion Sensor		Back Light Shield
FLA120 120W	FLB160 160W	FLC200* 200W		T3L Type III Long	±275K	03 Photocell + Motion Sensor		Safety Cable
FLA150 150W	FLB200 200W	FLC240* 240W		T4S Type IV Short	★ 50K 5028			
FLA180 180W	FLB240 240W	FLC280* 280W		T4M Type IV Medium	±283K	WH White (RAL:9010)		04 DALI
FLA210 210W	FLB280 280W	FLC320* 320W		T5U Average beam angle 10°	57K 5665			05 1-10V dimming
FLA240 240W	FLB320 320W			T5V Average beam angle 25°	±355K			
FLA270 270W				T5W Average beam angle 40°				
FLA300 300W				T5S Average beam angle 60°				
				T5M Average beam angle 90°				
				T5L Average beam angle 120°				
				T5X Average beam angle 150°				
				T5D Diffuser				

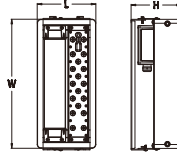
* DALI & Motion sensor unavailable

★ Regularly stocked item

● Example 1: FLA30-L-T5S-50K-BK-00

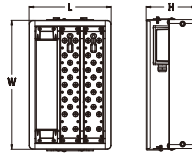
● Example 2: FLB40-L-T5U-50K-BK-04

PRODUCT MODEL



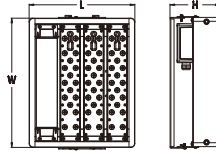
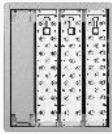
Model	AF72XFLA30-L/AF72XFLB40-L	Net Weight	3.86kg(8.51lbs)
LED Modules	1	Gross Weight	4.51kg(9.94lbs)
LEDs	18	Product Dimensions	150X330X128mm 5.91"x12.99"x5.04"
EPA(sq.ft.)	0.324	Carton Dimensions	305X415X160mm 12.01"x16.34"x6.3"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA30-L	31W	120-277VAC	530mA	3627lm	4030lm	130
AF72XFLB40-L	41W	120-277VAC	700mA	4613lm	5125lm	125



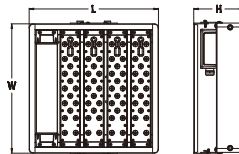
Model	AF72XFLA60-L/AF72XFLB80-L/AF72XFLC80-L	Net Weight	4.93kg(10.87lbs)
LED Modules	2	Gross Weight	5.61kg(12.37lbs)
LEDs	36	Product Dimensions	210X330X128mm 8.27"x12.99"x5.04"
EPA(sq.ft.)	0.347	Carton Dimensions	305X415X160mm 12.01"x16.34"x6.3"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA60-L	61W	120-277VAC	530mA	7247lm	8052lm	132
AF72XFLB80-L	78W	120-277VAC	700mA	8986lm	9984lm	128
AF72XFLC80-L	78W	347-480VAC	700mA	8986lm	9984lm	128



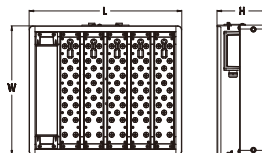
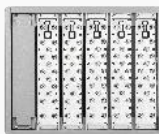
Model	AF72XFLA90-L/AF72XFLB120-L/AF72XFLC120-L	Net Weight	5.96kg(13.14lbs)
LED Modules	3	Gross Weight	6.66kg(14.68lbs)
LEDs	54	Product Dimensions	270X330X128mm 10.63"x12.99"x5.04"
EPA(sq.ft.)	0.372	Carton Dimensions	365X415X160mm 14.37"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA90-L	87W	120-277VAC	530mA	10571lm	11745lm	135
AF72XFLB120-L	118W	120-277VAC	700mA	13806lm	15340lm	130
AF72XFLC120-L	118W	347-480VAC	700mA	13806lm	15340lm	130



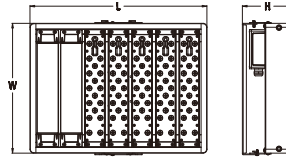
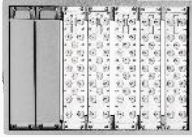
Model	AF72XFLA120-L/AF72XFLB160-L/AF72XFLC160-L	Net Weight	6.45kg(14.22lbs)
LED Modules	4	Gross Weight	7.24kg(15.96lbs)
LEDs	72	Product Dimensions	330X330X128mm 12.99"x12.99"x5.04"
EPA(sq.ft.)	0.404	Carton Dimensions	425X415X160mm 16.73"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA120-L	110W	120-277VAC	530mA	13365lm	14850lm	135
AF72XFLB160-L	156W	120-277VAC	700mA	18252lm	20280lm	130
AF72XFLC160-L	156W	347-480VAC	700mA	18252lm	20280lm	130



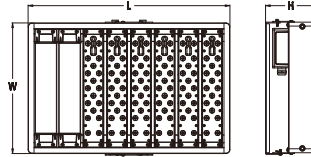
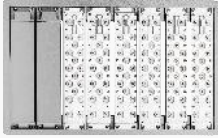
Model	AF72XFLA150-L	Net Weight	6.94kg(15.30lbs)
LED Modules	5	Gross Weight	7.82kg(17.24lbs)
LEDs	90	Product Dimensions	390X330X128mm 15.35"x12.99"x5.04"
EPA(sq.ft.)	0.437	Carton Dimensions	485x415x160mm 19.09"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA150-L	141W	120-277VAC	530mA	17132lm	19035lm	135



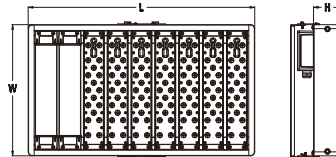
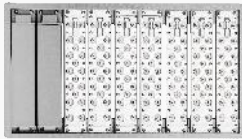
Model	AF72XFLB200-L/AF72XFLC200-L	Net Weight	8.22kg(18.12lbs)
LED Modules	5	Gross Weight	9.19kg(20.26lbs)
LEDs	90	Product Dimensions	450x330x128mm 17.72"x12.99"x5.04"
EPA(sq.ft.)	0.473	Carton Dimensions	545x415x160mm 21.46"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
FLB200-L	196W	120-277VAC	700mA	22932lm	25480lm	130
FLC200-L	196W	347-480VAC	700mA	22932lm	25480lm	130



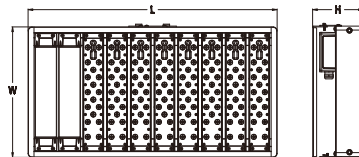
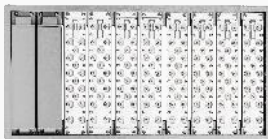
Model	AF72XFLA180-L/AF72XFLB240-L/AF72XFLC240-L	Net Weight	9.57kg(21.10lbs)
LED Modules	6	Gross Weight	10.67kg(23.52lbs)
LEDs	108	Product Dimensions	510x330x128mm 20.08"x12.99"x5.04"
EPA(sq.ft.)	0.509	Carton Dimensions	605x415x160mm 23.82"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA180-L	172W	120-277VAC	530mA	20898lm	23220lm	135
AF72XFLB240-L	234W	120-277VAC	700mA	27378lm	30420lm	130
AF72XFLC240-L	234W	347-480VAC	700mA	27378lm	30420lm	130



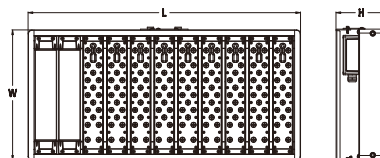
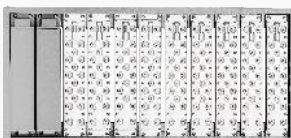
Model	AF72XFLA210-L/AF72XFLB280-L/AF72XFLC280-L	Net Weight	10.15kg(22.37lbs)
LED Modules	7	Gross Weight	11.35kg(25.02lbs)
LEDs	126	Product Dimensions	570x330x128mm 22.44"x12.99"x5.04"
EPA(sq.ft.)	0.548	Carton Dimensions	665x415x160mm 26.18"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA210-L	202W	120-277VAC	530mA	24543lm	27270lm	135
AF72XFLB280-L	274W	120-277VAC	700mA	32058lm	35620lm	130
AF72XFLC280-L	274W	347-480VAC	700mA	32058lm	35620lm	130



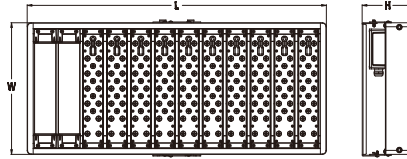
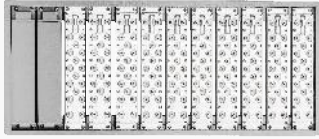
Model	AF72XFLA240-L/AF72XFLB320-L/AF72XFLC320-L	Net Weight	11.16kg(24.60lbs)
LED Modules	8	Gross Weight	12.36kg(27.25lbs)
LEDs	144	Product Dimensions	630x330x128mm 24.80"x12.99"x5.03"
EPA(sq.ft.)	0.588	Carton Dimensions	725x415x160mm 28.54"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA240-L	228W	120-277VAC	530mA	27702lm	30780lm	135
AF72XFLB320-L	310W	120-277VAC	700mA	36270lm	40300lm	130
AF72XFLC320-L	310W	347-480VAC	700mA	36270lm	40300lm	130



Model	AF72XFLA270-L	Net Weight	11.86kg(26.15lbs)
LED Modules	9	Gross Weight	13.19kg(29.08lbs)
LEDs	162	Product Dimensions	690x330x128mm 27.17"x12.99"x5.04"
EPA(sq.ft.)	0.629	Carton Dimensions	785x415x160mm 30.91"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
AF72XFLA270-L	256W	120-277VAC	530mA	31104lm	34560lm	135



Model	AF72XFLA300-L	Net Weight	12.58kg(27.73lbs)
LED Modules	10	Gross Weight	14.03kg(30.93lbs)
LEDs	180	Product Dimensions	750x330x128mm 29.53"x12.99"x5.04"
EPA(sq.ft.)	0.668	Carton Dimensions	845x415x160mm 33.27"x16.34"x6.30"

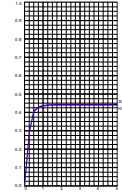
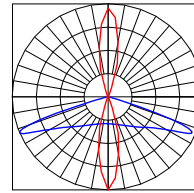
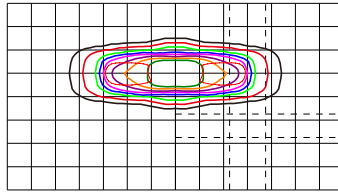
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				3000K	4000 /5000K	
AF72XFLA300-L	283W	120-277VAC	530mA	34385lm	38205lm	135

ACCESSORIES OPTICS

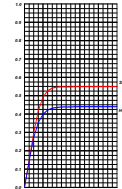
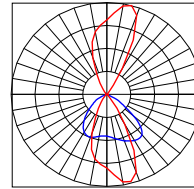
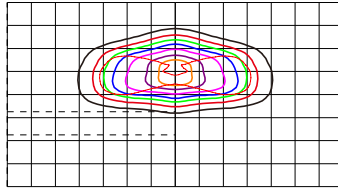
ISO Plot

Polar Curve

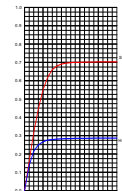
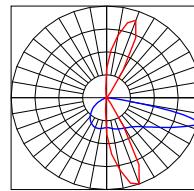
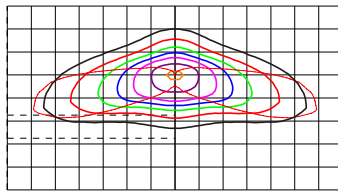
Cu Graph



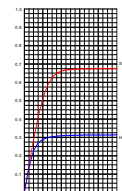
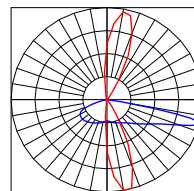
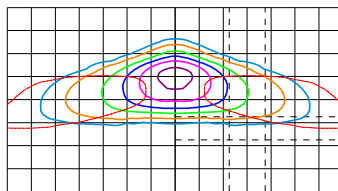
T1M Type I Medium



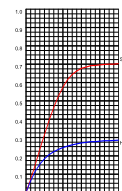
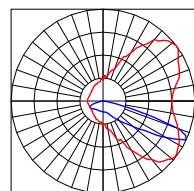
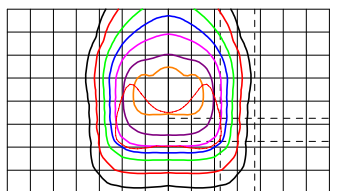
T2M Type II Medium



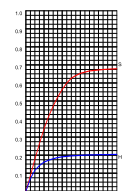
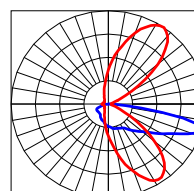
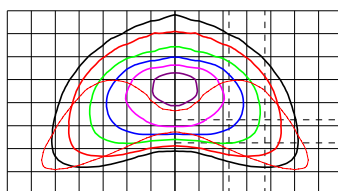
T3M Type III Medium



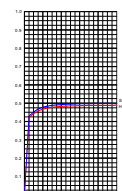
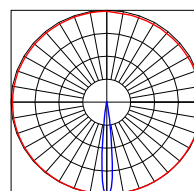
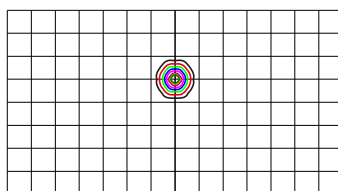
T3L Type III Long



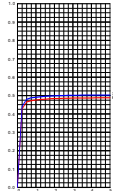
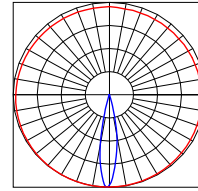
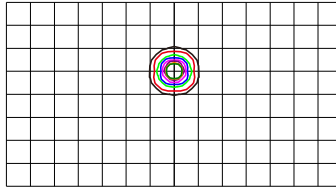
T4S Type IV Short



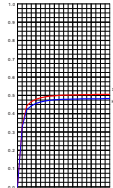
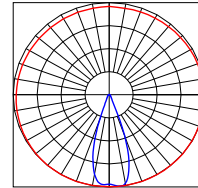
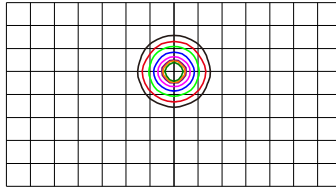
T4M Type IV Medium



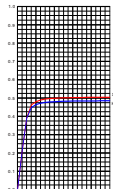
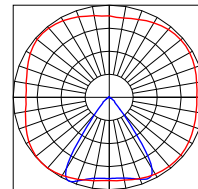
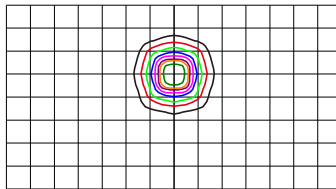
T5U Average beam angle 10°



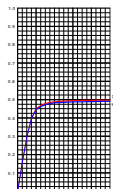
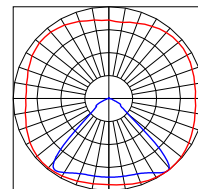
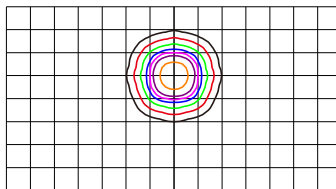
T5V Average beam angle 25°



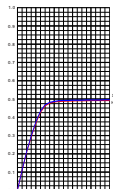
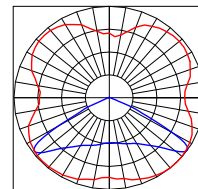
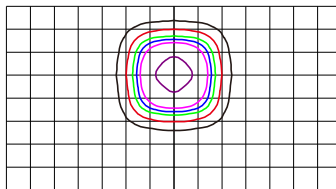
T5W Average beam angle 40°



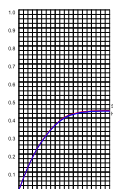
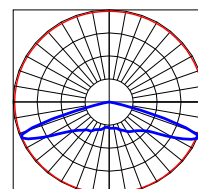
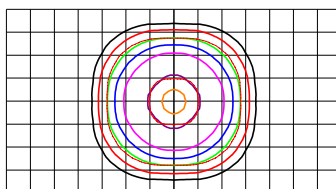
T5S Average beam angle 60°



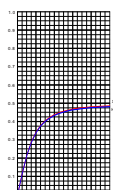
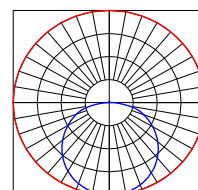
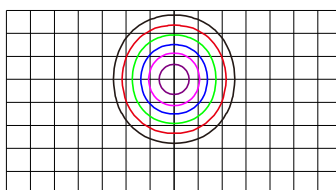
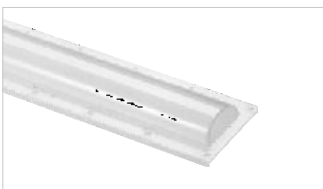
T5M Average beam angle 90°



T5L Average beam angle 120°



T5X Average beam angle 150°



T5D Diffuser