VIMALUX

LED Flood Light
ARES Series

Technical

- Advanced technology to get high efficacy and less glare optic performance
- A variety of light distribution from ultra-small to large angle, fit for different applications
- TLCI>90 for HD broadcast
- Flicker free capture ultra slow-motion
- Low wind resistance design
- Up to 75% energy saving
- The input voltage can be matched with 45V, 90V and 180V with different wiring modes
- Perfect event light control with a variety of intelligent control systems
- Super less weight with aviation aluminum
- Self-cleaning function with unique product structure design
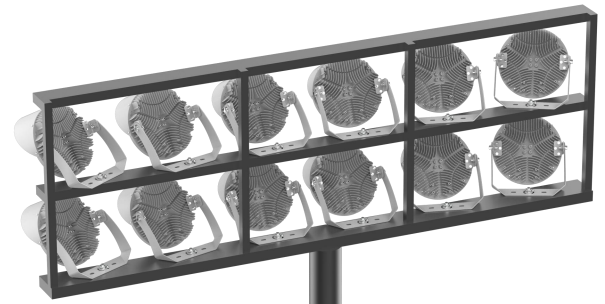- Power box removable for easy installation

Optical

- TLCI>90, Broadcast Ready for >1000fps, HD｜4K｜8K, enable TV broadcasters to film super-slow-motion replays with a flicker factor <1%
- Engineered by adopting seamless link of advanced Free-form optics
- Optics deisgned with unique "multi scales lenses" to make uniform light distribution and glare-reducing.
- High transmittance PC cover, anti-UV, IK08 protective grade, prevent LED chips vulcanization and dust accumulation on the lens.
- Symmetrical light distribution enhancing uniformity of vertical and horizontal, meanwhile reducing light spill especially back pole light in residential area.

Control

- Scalable control solution, enables customisable, with real-time monitering and supports Art-Net, DMX RDM and DALI protocols.
- Support multi-Intelligent controls, WIFI.

ASP04-300 / ASP04-400 / ASP04-500 / ASP04-600

ASP04-750 / ASP04-1000 / ASP04-1200

Application

Football court｜Soccer court｜Tennis court｜Basketball court｜Badminton court｜Golf court｜Ski court｜Large Area Industrial｜Truck Stops｜Toll Plazas｜Airports｜Ports

PATENTED

CE

IP66
3G Vibration

IK10

LM79

TM21

Specifications
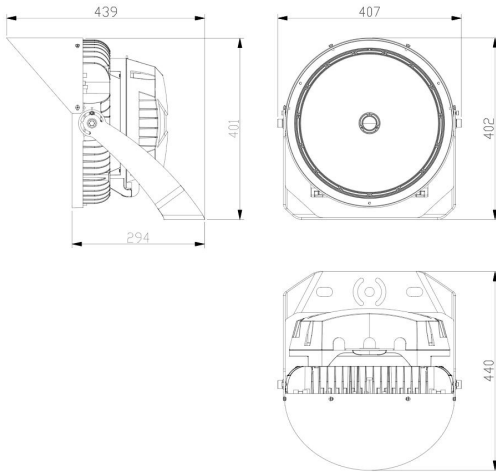
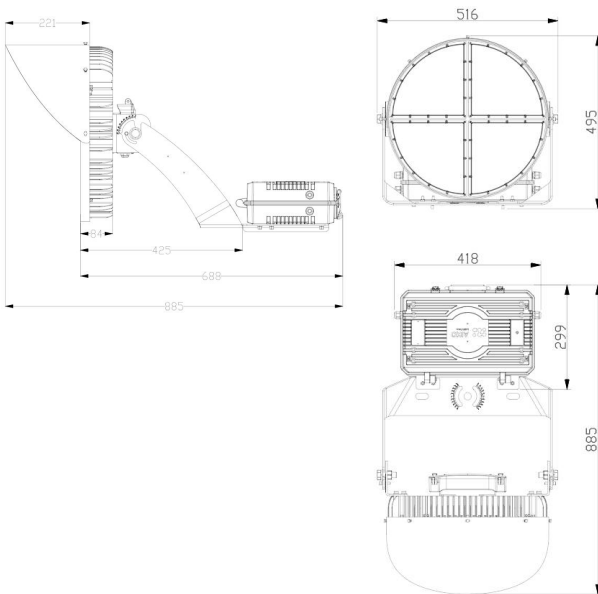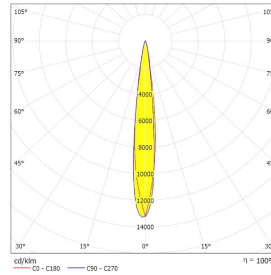| Model Name	ASP04-300	ASP04-400	ASP04-500	ASP04-600	ASP04-750	ASP04-1000	ASP04-1200
Power Consumption	300W	400W	500W	600W	750W	1000W	1200W
Light Source	OSRAM / Lumileds						
CCT	5700K (5000K / 4000K Available)						
Luminous Flux * (lm)	48,000	60,000	75,000	90,000	101,250	135,000	156,000
Luminous Efficacy *(Lm/W)	160	150	160	150	135	135	130
CRI	70 Ra						
Light Distribution	15°, 30°, 40°, 60°（Design according project requirement）				15°, 20°, 25°, 40°, 60°（Design according project requirement）		
LED Driver	INVENTRONICS (Can be equipped with customer's local power supply)						
Input Voltage	AC100-277V/ 200-480V						
Frequency	50 / 60 Hz						
Power Factor	≥0.9 at Max load						
FF(Flicker Factor)	＜2%						
Power Efficiency	≥0.95						
THD	<15%						
Surge Protection	Line – Line 20kV, Line – FG 20kV						
Control Method	0-10V / DALI/ DMX						
EPA	0.137m² 1.478ft²				0.218m² 2.353ft²		
Size	Inch	16.02*11.69*15.83(inch)				20.31*16.73*19.49(inch)	
	mm	407*297*402mm				516*425*495mm	
Weight (Remote Mounting Driver Box)	Lamp	/				14.5kgs	
	Driver Box	/				8.5kgs	
Weight (Integrated with Driver Box)		15±0.5kgs				24±0.5kgs	
Material	Body	Die cast aluminum				Cold forging aluminum	
	Optic	PC (Anti UV & Dust)					
	Cover (optional)	Tempered Glass , Shatter Proof					
Finish		Powder Coating				Electrophoresis	
IP Rating	IP66						
Operating Temperature	-22°F~122°F / -30°C ~ 50°C						
Warranty	7 Years						

Dimensional Drawings

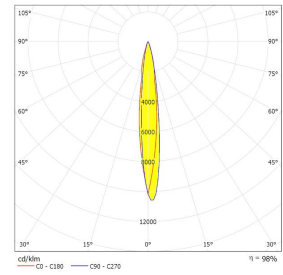ARES LED Flood Light

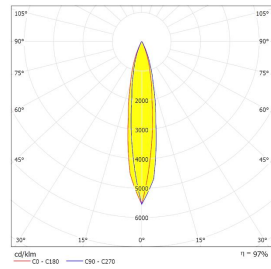### ASP04-300 / ASP04-400 / ASP04-500 / ASP04-600

ASP04-750 / ASP04-1000 / ASP04-1200
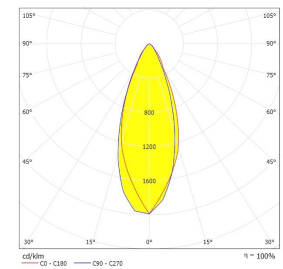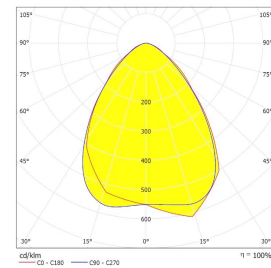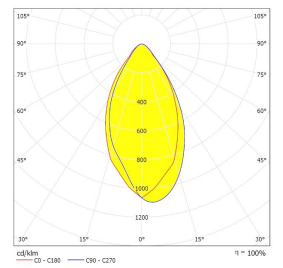
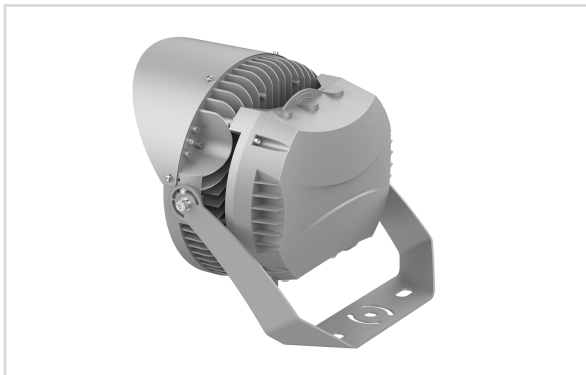# Photometric

10°

15°

20°

40°

60°

80°

Installation Reference (Optional)

Integrated Driver Box
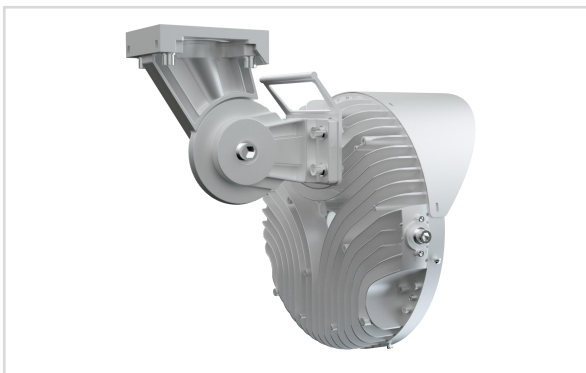(ASP04-750 / ASP04-1000 / ASP04-1200)

Remote Mounting Driver Dox
(ASP04-750 / ASP04-1000 / ASP04-1200)

Integrated with driver box
(ASP04-300 / ASP04-400 / ASP04-500 / ASP04-600)

Hook using as high bay
(ASP04-300 / ASP04-400 / ASP04-500 / ASP04-600)

Circular Base Bracket
(ASP04-300 / ASP-04-400 / ASP04-500 / ASP04-600)

Arm (ASP04-300 / ASP-04-400 / ASP04-500 / ASP04-600)