

Area star is a multi-purpose LED floodlighting luminaire for various lighting applications, such as area lighting, billboard, facade, industry area, and other general applications. PAR offers a vast range of flood light to fully cater to different application and condition. Its specially designed extruded heat sink incorporated aesthetics and functionality whilst ensuring reliability and long lifetime. Areastar takes advantage of all these features and provides energy savings, high lumens output and a longer lifetime, bringing area lighting into a new era.



Features & Benefits

- Luminary efficacy reaches 130 lu/W, which gives more than 60% of energy saving when compared to HID lamp.
- Multiple lumen packages and optics to suit most area lighting applications.
- Best Thermal Management by Maintaining the "Zero Air Gap" between MCPCB and extruded aluminium heatsink for fastest heat dissipation.
- Painted non-corrosive extruded aluminium housing and steel bracket gives extra strength when the luminaire is installed in a rough environment.
- Superior W/m2 performance delivered through different optics for greater flexibility to fit different applications.
- High quality cool and neutral white light with high colour consistency.
- Vibration, dust and heat resistant.
- World Class, approbated quality components (LEDs / Driver / etc.)
- Low maintenance cost with no need for internal cleaning, resulting in a lower total cost of ownership.
- Driver Compartment designed to suit top maintenance
- Lifetime of over 50, 000 hours, which requires no lamp replacement after installation.
- Easy installation by universal "U" mounting bracket.

Specifications



Family Name	: Area Star
Model	: PLFL (511/512)
Wattage	: 75Watt / 100Watt / 150Watt / 200Watt / 300Watt / 400Watt
Lumen / Watt	: 130 lm/W
Lamp Colour	: 2700K, 4700K, 6500K
Colour Rendering Index	: >80
Optics	: Focusing lens given spot light with Uniform light distribution
Driver	: Integrated (Constant current driver)
Surge Protection	: 10 kV
Housing	: Extruded Aluminium housing finished by Grey coating
Flex Cable	: Yes - 1m
Lifetime	: 50, 000 hrs
Classifications	: IP66
Input Voltage	: 180 - 270V AC - 50Hz
Power Factor	: > 0.95
Installation	: Universal mounting bracket allow wall OR surface mounting.
Application	: Area lighting in yards & warehouse, billboard, facade, stadium & sport field.

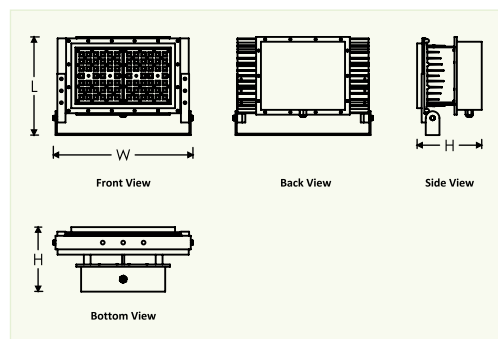
Accessories & Controls

In-built integrated electronic LED driver

Installation

Universal mounting bracket allows wall OR surface mounting

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Approx Weight (Kg)	Case Lot (Nos.)
PLFL 511 / 75	PLFL 511 / 30 / 700	65	75	230	0.34	4.400	1 Nos.
PLFL 511 / 100	PLFL 511 / 40 / 700	87	100	230	0.46	4.650	1 Nos.
PLFL 511 / 150	PLFL 511 / 60 / 700	130	150	230	0.68	6.680	1 Nos.
PLFL 511 / 200	PLFL 511 / 80 / 700	175	200	230	0.91	7.300	1 Nos.
PLFL 511 / 300	PLFL 511 / 120 / 700	260	300	230	1.37		1 Nos.
PLFL 511 / 400	PLFL 511 / 160 / 700	350	400	230	1.83		1 Nos.
PLFL 512 / 75	PLFL 512 / 30 / 700	65	75	230	0.34	4.400	1 Nos.
PLFL 512 / 100	PLFL 512 / 40 / 700	87	100	230	0.46	4.650	1 Nos.
PLFL 512 / 150	PLFL 512 / 60 / 700	130	150	230	0.68	6.680	1 Nos.
PLFL 512 / 200	PLFL 512 / 80 / 700	175	200	230	0.91	7.300	1 Nos.
PLFL 512 / 300	PLFL 512 / 120 / 700	260	300	230	1.37		1 Nos.
PLFL 512 / 400	PLFL 512 / 160 / 700	350	400	230	1.83		1 Nos.



Product Code	Dimension in mm			Lumens
	L	W	H	
PLFL 512 / 75	288	250	190	8500
PLFL 512 / 100	288	275	190	11400
PLFL 512 / 150	288	380	190	17000
PLFL 512 / 200	288	410	190	22700
PLFL 512 / 300	288	555	190	34100
PLFL 512 / 400	288	695	190	45500

Note : Dimension Detail for Product Code 511 and 512 are same