

Area star is a general purpose LED floodlighting luminaire for various lighting applications, such as illumination of advertising boards and fascades, and other general applications. The Areastar floodlight incorporated an LED light source, optical system, heat shrink and driver into compact housing. Its specially designed heat shrink incorporated aesthetics and functionality whilst ensuring reliability and long lifetime. Areastar takes advantage of all these features and provides energy savings 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 aluminium modules for fastest heat dissipation.
- Painted non-corrosive cast aluminium housing and steel bracket gives extra strength when the luminaire is installed in a rough environment.
- Superior W/m<sup>2</sup> 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.
- 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 (513/514)
Wattage	: 50Watt / 75Watt
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	: 6 kV
Housing	: Aluminium housing finished by Grey coating
Flex Cable	: Yes - 1m
Lifetime	: 50,000 hrs
Classifications	: IP65
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.

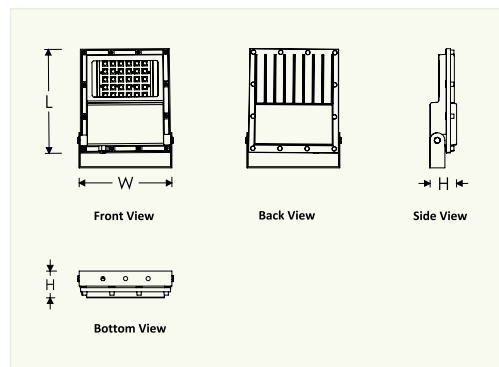
## Accessories & Controls

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 513 / 50	PLFL 513 / 20 / 700	43	50	230	0.23	3.650	1 Nos.
PLFL 513 / 75	PLFL 513 / 30 / 700	65	75	230	0.34	3.750	1 Nos.
PLFL 514 / 50	PLFL 514 / 20 / 700	43	50	230	0.23	3.700	1 Nos.
PLFL 514 / 75	PLFL 514 / 30 / 700	65	75	230	0.34	3.800	1 Nos.



Product Code	Dimension in mm			Lumens
	L	W	H	
PLFL 514 / 50	274	246	70	5700
PLFL 514 / 75	274	246	70	8500

**Note :** Dimension Detail for Product Code 513 and 514 are same