

MESCAB
SmartLiving



FLAIR OF
FOCUS

MEGA+LED FLOOD LIGHT CATALOGUE



MEGA+LED FLOOD LIGHT

The new MESCAB LED Flood Lights are built robust and durable to be able to withstand any weather conditions. This aesthetically designed light is a new generation light with excellent thermal management and the longevity of the light is highly enhanced. This light is suitable for architectural facades, stadiums, hoardings and other general purpose lighting making the place look bright and illuminated.

ELECTRICAL DATA:

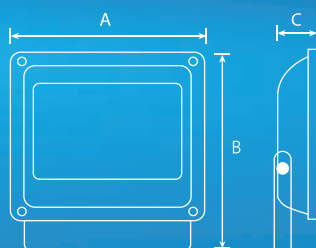
-  Nominal Voltage - AC 100V-400V
-  Frequency Range - 50Hz - 60Hz

INSTALLATION:

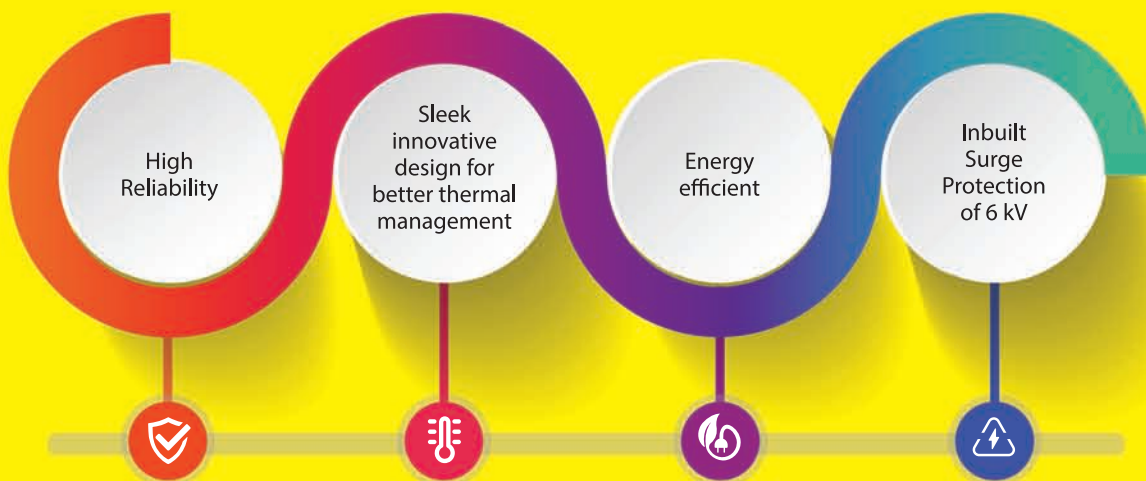
Bracket is provided for mounting

APPLICATIONS:

Facade lighting, Cement plant, Steel plant, Area lighting, Playgrounds, Warehouses, Security lights, Petrol pumps, Railway station, etc.



FEATURES:



Catalogue Reference	Wattage (W)	Dimension (mm)		
		A	B	C
MFLSMD K 20W	20W	147	134	41
MFLSMD K 30W	30W	183	179	46
MFLSMD K 50W	50W	226	240	55
MFLSMD K 100W	100W	284	290	66
MFLSMD K 150W	150W	286	310	83
MFLSMD K 200W	200W	333	380	88
MFLSMD K 250W	250W	333	380	88



TECHNICAL DETAILS

CRI	>84
THD	12%
CCT Range	6500K
Luminous Efficacy	100 Lm/Watt
Power Factor	>0.95
Beam Angle	120°

Operating Temperature	60° C - 80° C
Relative Humidity	63%
Enclosure Material	Aluminium
Protection Grade	IP66
Driver Surge Protection	Upto 6 kV
Driver Efficiency	88%

CHARACTERISTICS OF A GOOD LED FLOOD LIGHT :

LED flood lights are an obvious choice to replace older, less efficient lighting technologies

 <h3>Energy Efficient and Minimal Maintenance</h3> <p>The best part about using LED Flood Light is that they are energy efficient. They use only about 70-80% of the energy that normal Flood Lights would use. LED Lights have high efficacy as they produce more Light per wattage of power used. It results in superior illumination and less usage of power.</p>	 <h3>High Lumen Output & Higher level of Illumination</h3> <p>Lumen output is the measure of the brightness of any light source. LED Flood Lights have the ability to Light up as many as two or three halogen Flood Lights. The higher the lumen output, the brighter is the light source. LEDs have a high lumen output that makes them perfect for Flood Lights.</p>	 <h3>Excellent Thermal Management</h3> <p>LED Lights are far more cooler than any other commercial lighting source. At MES-CAB we make sure that our Flood Lights come with high efficacy LEDs with an active thermal management system that reduces heat output significantly and leads to high performance especially in the areas such as manufacturing plants and ports.</p>	 <h3>Environment-Friendly</h3> <p>LED Lights are environment-friendly Lights as they are free from toxic elements and contain no lead, mercury – typically found in conventional lighting solutions. They are safe for the workforce and the environment.</p>	 <h3>Ability to Withstand Changes in Weather and Temperature</h3> <p>LED Flood Lights used outdoor are resistant to change in temperatures and environmental conditions. In contrast to other Lights, LEDs can be used in a wide range of temperatures making them ideal for use in warehouses.</p>
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SELECTING FLOOD LIGHTING

Here are some tips using which you can choose LED flood lights for outdoor usage:

1

Finishing : One major aspect that you will need to pay attention to is the Flood Light's finishing. When it comes to finishing, you will come across numerous options to choose from such as copper, stainless steel and coloured lacquer with an aluminium top. You can also opt for a finish which matches your space.

3

Location : There are three major factors to determine the Flood Light location within your residence. First, the outdoor Flood Lighting fixture needs to be placed in a way so that they produce bright light on the targeted area without producing too much glare. Second, make sure that the Flood Light is placed at a position from where it isn't pointed towards a neighbour's apartment. Lastly, make sure that the lights are positioned at a minimum 9 feet distance from ground to check touching or tampering.

Colour Quality : The Colour Rendering Index (CRI) is used for measuring colour quality. CRI ratings range between 1-100. LED's with higher CRI 70 -90 is always preferred.

2

Colour Temperature : Colour temperature is the label that is given to the colour of light produced by a bulb. Normally, you will come across "bright", "cool", "natural", "warm" or "daylight" labels on the packages. Colour temperature is normally measured in Kelvins (K). Kelvins usually range between 2000-8000K.

4



ISO
9001:2015



UP TO 85%
ENERGY SAVING



LONG LASTING
UP TO 50000 HRS.*



ECO-FRIENDLY

NO INFRARED
NO MERCURY
NO UV



MESCAB India Private Limited

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- The visuals shown here (product and installation) are indicative only. The actual product when supplied may differ from the visual shown. The dimensions given herein are approximate and only for reference and are subject to change without any notice. Data and Technical parameters are representative only and might vary upto tolerance level of $\pm 10\%$.
- Energy saving compared to incandescent lamp.