



# **TE LED Mini Flood Light**

TE Lighting LED Mini Flood Light Series is available in 3 different sizes and wattages. Designed to be a subsitute for tungsten halogen and metal halide floodlights with a stunning energy saving of up to 80% and yet providing an equivalent quality of light.

Inside every Mini Flood Light is a Vapour Heat Chamber that helps dissipate heat from the LED chips to the exterior metallic shell.



# **LED Mini Flood Light - Features**

 Die Cast Aluminum Case Rugged luminaire construction by the use of die cast aluminum and tempered front glass allows it to be installed in all tough outdoor or indoor applications and is vandal-proof. The protection grade is IP65.

#### Cree LED chips •-

Latest version of Cree LED chips are used ensuring a high quality light output and high reliability.



# VC Heat Spreader

Excellent heat management made possible by the use of VC Heat Spreader and a well-constructed casing. Thus life of LED is guaranteed for 50,000 hours.

# **Specifications**

#### Electrical

 Input Voltage: AC 220V – 240V • Output Power: Up to 80W Frequency: 50 / 60 Hz

• Power Factor: 0.95

#### Optical & LED Driver

Color Temperature: 3000K/3500K/4000K/5000K/6500K

• Lumen Output at LED Chip Level: > 200 lm/W

 Delivered Lumen: ~ 120 lm/W\* • Total Harmonic Distortion: < 20%

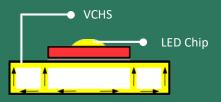
· Anti-Flickering Device Built-In

#### Mechanical

Mounting: Wall Mounted

IP65 Rated

\*Delivered lumens depends on color temperature and the use of options



### **Construction of the Vapor Chamber Heat** Spreader (VCHS)

- The Envelope is made of copper plates with high thermal conductivity
- Inside is laid with copper wick providing closed loop capillary re-circulation system
- · Water droplets are injected into the inner chamber which is a vacuum state

# **Ordering Information** Example: TEMFL-10W-30K

Product	Wattage	Color Temperature	
TEMFL	10W	3000К	5000K
	30W	3500K	6500K
	80W	4000K	Others - Please Specify
	Others - Please Specify		