



# TG09-Series

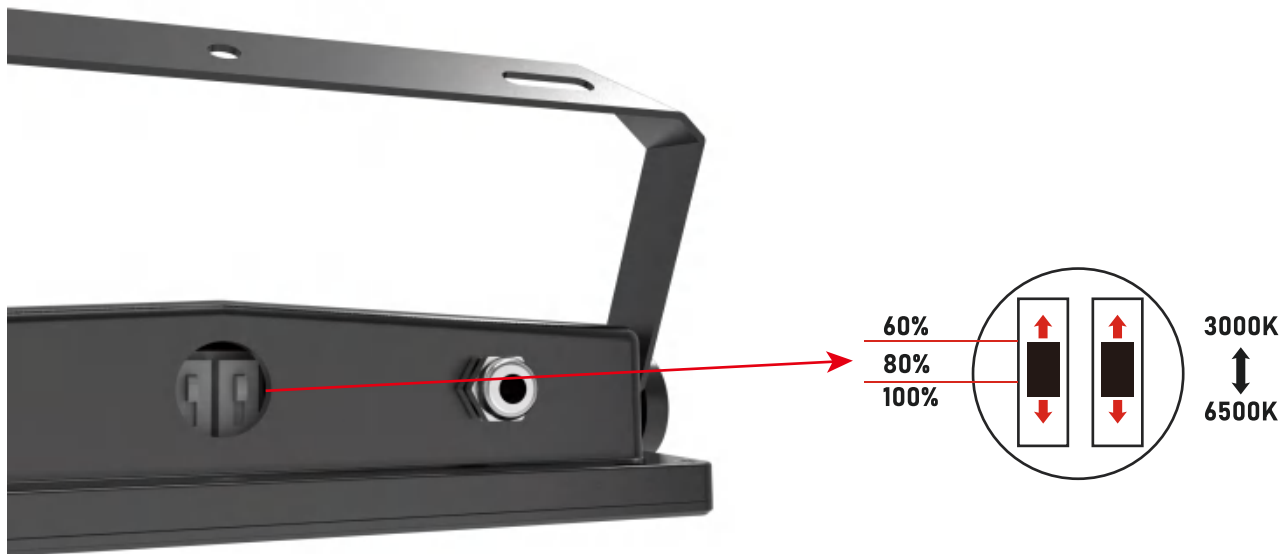
## TG09-Series is a Entry Level LED Flood Light

Can offer normal type and power and CCT selectable type, which special function can meet your different project request, also it can help to reduce the SKU inventory pressure effectively.



## POWER & CCT ADJUSTABLE BY DIP

We can push the button on the power supply to achieve the desired effect, as shown in the the following figure.



## UNIQUE BACK DESIGN WITH HIGHER WATER AND DUST RESISTANT

Transparent line groove design, water and dust is less easy to accumulate.



# SPECIFICATIONS TABLE

GENERAL INFORMATION	
Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)
HOUSING AND FINISH	
Housing	Aluminium
Optic	Polycarbonate
Protector	Polycarbonate (with Tempered glass)
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
OPERATING CONDITIONS	
Operating Temperature Range (Ta)	-30°C to + 40°C
Operating Humidity	10-90%RH
Mounting Option	Bracket Mounting
Warranty	5 years
PERFORMANCE	
Power	50W/100W/150W/200W/300W
Efficacy	150lm/W
Power Efficiency	≥86%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION	
Electrical Class	Class I EU
Nominal Voltage	120-277V   50/60Hz
Power factor (at fullload)	0.9
Surge Protection Options (KV)	6KV-Line-Line 6KV-Line-Earth
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)
Withstand Voltage	1.5KV 60S 10mA
OPTICAL INFORMATION	
LED Type	SMD2835
Beam Angle	60° 90° 120°
Recommended installation height	4m to 15m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour Temperature	3000K / 4000K / 5000K / 5700K / 6500K
Colour Rendering Index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%
LIFETIME OF THE LEDS @ TA 25°C	
All configurations	
L70B50	> 100,000h
L80B20	> 50,000h
L90B10	> 30,000h
Switching Cycles	> 100,000 times

※ Lamp switch must control L line or control L and N lines.  
 ※ Ra measurement tolerance is ±2.

# PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
50W	L565*W340*H250mm	5PCS/CTN	0.0480m <sup>3</sup>	/	/	2705pcs	6870pcs
100W	L565*W420*H290mm	5PCS/CTN	0.0688m <sup>3</sup>	/	/	1890pcs	4795pcs
150W	L590*W405*H340mm	5PCS/CTN	0.0812m <sup>3</sup>	/	/	1600pcs	4060pcs
200W	L590*W470*H340mm	5PCS/CTN	0.0943m <sup>3</sup>	/	/	1380pcs	3500pcs
300W	L590*W535*H390mm	5PCS/CTN	0.1231m <sup>3</sup>	/	5.3kg	1055pcs	2680pcs

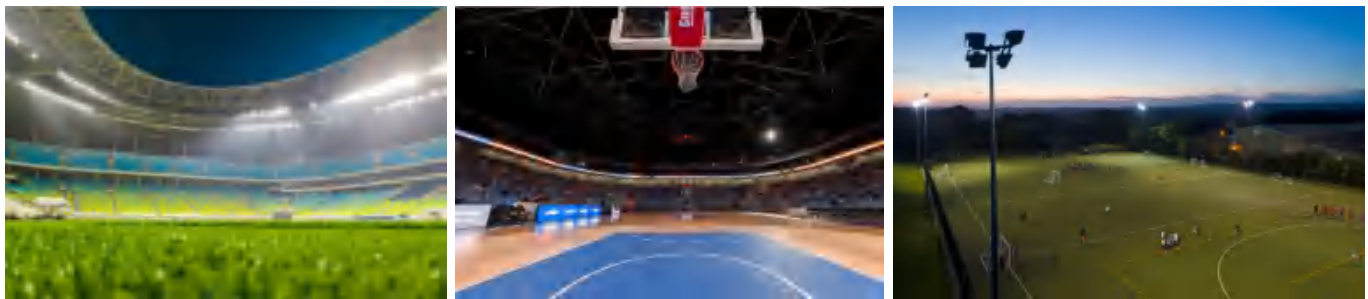
# PERFORMANCE

## STANDARD VERSION

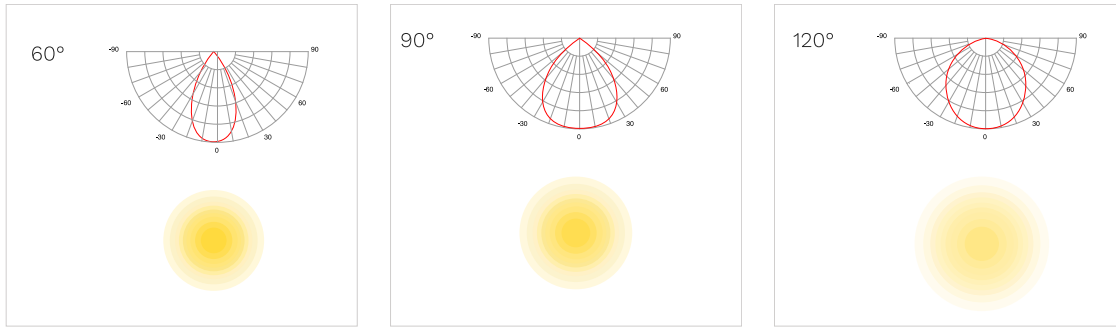
POWER	LUMENS	EFFICACY
50W	7,500LM	150LM/W(Ra70)
	7,000LM	140LM/W(Ra80)
100W	15,000LM	150LM/W(Ra70)
	14,000LM	140LM/W(Ra80)
150W	22,500LM	150LM/W(Ra70)
	21,000LM	140LM/W(Ra80)
200W	30,000LM	150LM/W(Ra70)
	28,000LM	140LM/W(Ra80)
300W	45,000LM	150LM/W(Ra70)
	42,000LM	140LM/W(Ra80)

※The Performance Data is tested base on 230VAC, 90° and 4000K for all versions  
 ※Power Consumption Tolerance ±5% (Apply to all versions)  
 ※Lumen Efficiency Tolerance ±5% (Apply to all versions)

# APPLICATION



# LIGHT DISTRIBUTIONS



# PENDANT MOUNTING

Power	Size
50W	L283*W195*H53mm
100W	L360*W245*H56mm
150W	L343*W294*H59mm
200W	L411*W294*H59mm
300W	L475*W344*H59mm

