



TG04-Series

Professional LED / Combination of High Performance

Offering 170lm high lumen output with Asymmetric & Symmetric optics.



CAN BE EQUIPPED WITH SENSORS

Get more energy saving with a smart microwave sensor. The sensor switches on the flood light when the motion is detected. It will also dim the lamp to low brightness or turn it off when detection area is vacated for a certain time.



REMOTE-CONTROLLED

Step into smart lighting with our Intelligent UFO High Bay Light. Whether microwave or infrared sensor, your choice. Adjust brightness, color, and timers seamlessly through the remote control. Illuminate instantly with sensor control. Manage groups of lights effortlessly.

COMPLETE POWER UP TO 600W

We offer versatility with our TG04 floodlights, providing a remarkable power range from 50 to 600 watts, allowing you to customize your illumination precisely as needed.



POWER & CCT ADJUSTABLE BY REMOTE

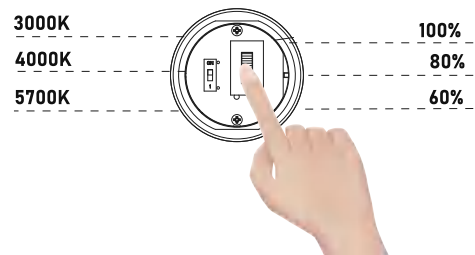
Comes with CCT and Power selectable function, reduce the SKU and achieve greater light control and efficiency



We configured a specific remote control to make the operation easier and faster.



POWER & CCT ADJUSTABLE BY DIP



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 + 45°C
Operating Humidity	10-90%RH
Mounting Option	Bracket Mounting
Warranty	5 years
PERFORMANCE	
Power	50W/100W/150W/200W/240W/ 300W/400W/500W/600W
Efficacy	170lm/W, 150lm/W
Efficacy(3CCT Model)	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	SMD3030
Beam Angle	15° / 30° / 45° / 60° / 90° / 120° TYPE2 / TYPE3 / TYPE4 110X20° / 110X40° / 135X60°
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	L570*W285*H330mm	5PCS/CTN	0.0084m ³	1.33kg	8.85kg	2866pcs	6675pcs
100W	L400*W375*H110mm	1PCS/CTN	0.0165m ³	3.5kg	4kg	2097pcs	4742pcs
150W	L455*W400*H110mm	1PCS/CTN	0.02m ³	4.5kg	5.1kg	1704pcs	3902pcs
200W	L525*W400*H110mm	1PCS/CTN	0.0231m ³	5.2kg	6kg	1485pcs	3408pcs
240W	L525*W400*H110mm	1PCS/CTN	0.0231m ³	5.2kg	6kg	1485pcs	3408pcs
300W	L615*W465*H135mm	1PCS/CTN	0.0386m ³	10.3kg	11.2kg	784pcs	1835pcs
400W	L615*W465*H135mm	1PCS/CTN	0.0386m ³	10.3kg	11.2kg	784pcs	1835pcs
500W	L735*W575*H145mm	1PCS/CTN	0.0613m ³	15.7kg	17.4kg	453pcs	1059pcs
600W	L735*W575*H145mm	1PCS/CTN	0.0613m ³	15.7kg	17.4kg	453pcs	1059pcs

PERFORMANCE

STANDARD VERSION

POWER	LUMENS	EFFICACY
50W	8,000LM	160LM/W(Ra70)
	7,500LM	150LM/W(Ra80)
100W	17,000LM	170LM/W(Ra70)
	16,000LM	160LM/W(Ra80)
150W	25,500LM	170LM/W(Ra70)
	24,000LM	160LM/W(Ra80)
200W	34,000LM	170LM/W(Ra70)
	32,000LM	160LM/W(Ra80)
240W	38,400LM	160LM/W(Ra70)
	36,000LM	150LM/W(Ra80)
300W	51,000LM	170LM/W(Ra70)
	48,000LM	160LM/W(Ra80)
400W	64,000LM	160LM/W(Ra70)
	60,000LM	150LM/W(Ra80)
500W	85,000LM	170LM/W(Ra70)
	80,000LM	160LM/W(Ra80)
600W	96,000LM	160LM/W(Ra70)
	90,000LM	150LM/W(Ra80)

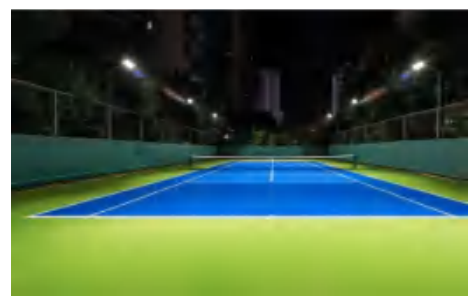
ECO VERSION

POWER	LUMENS	EFFICACY
50W	7,000LM	140LM/W(Ra70)
	6,500LM	130LM/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)
240W	33,600LM	140LM/W(Ra70)
	31,200LM	130LM/W(Ra80)
300W	45,000LM	150LM/W(Ra70)
	42,000LM	140LM/W(Ra80)
400W	56,000LM	140LM/W(Ra70)
	52,000LM	130LM/W(Ra80)
500W	75,000LM	150LM/W(Ra70)
	70,000LM	140LM/W(Ra80)
600W	84,000LM	140LM/W(Ra70)
	78,000LM	130LM/W(Ra80)

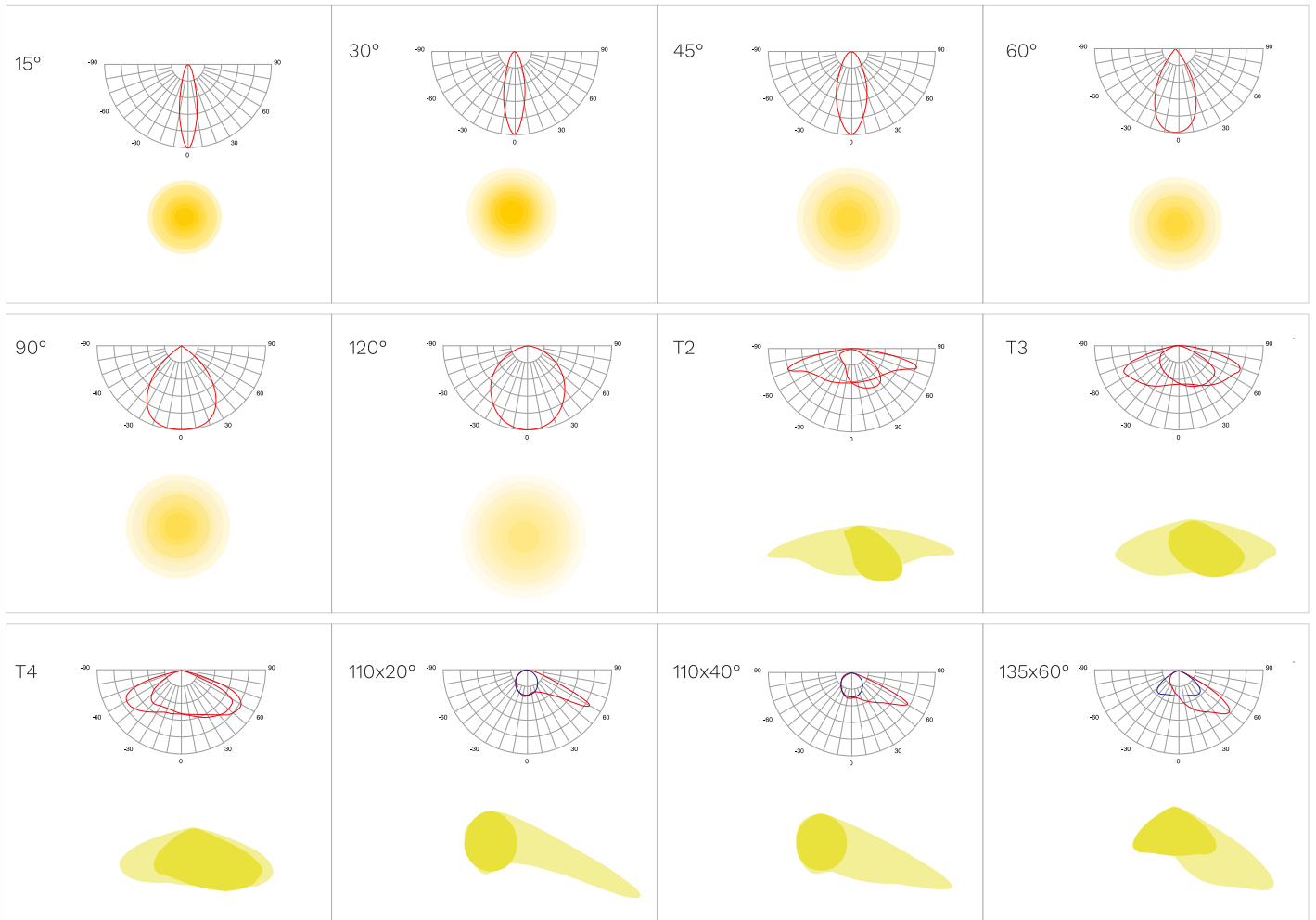
※Asymmetrical light distribution Reduced light efficiency by 10LM/W
 ※15 degrees beam angle Reduced light efficiency by 10LM/W
 ※30 degrees beam angle Reduced light efficiency by 5LM/W

※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	L268*W230*H47mm
100W	L328*W361*H55mm
150W	L406*W361*H57mm
200W/240W	L468*W363*H58mm
300W/400W	L542*W423*H71mm
500W/600W	L656*W521*H83mm

