



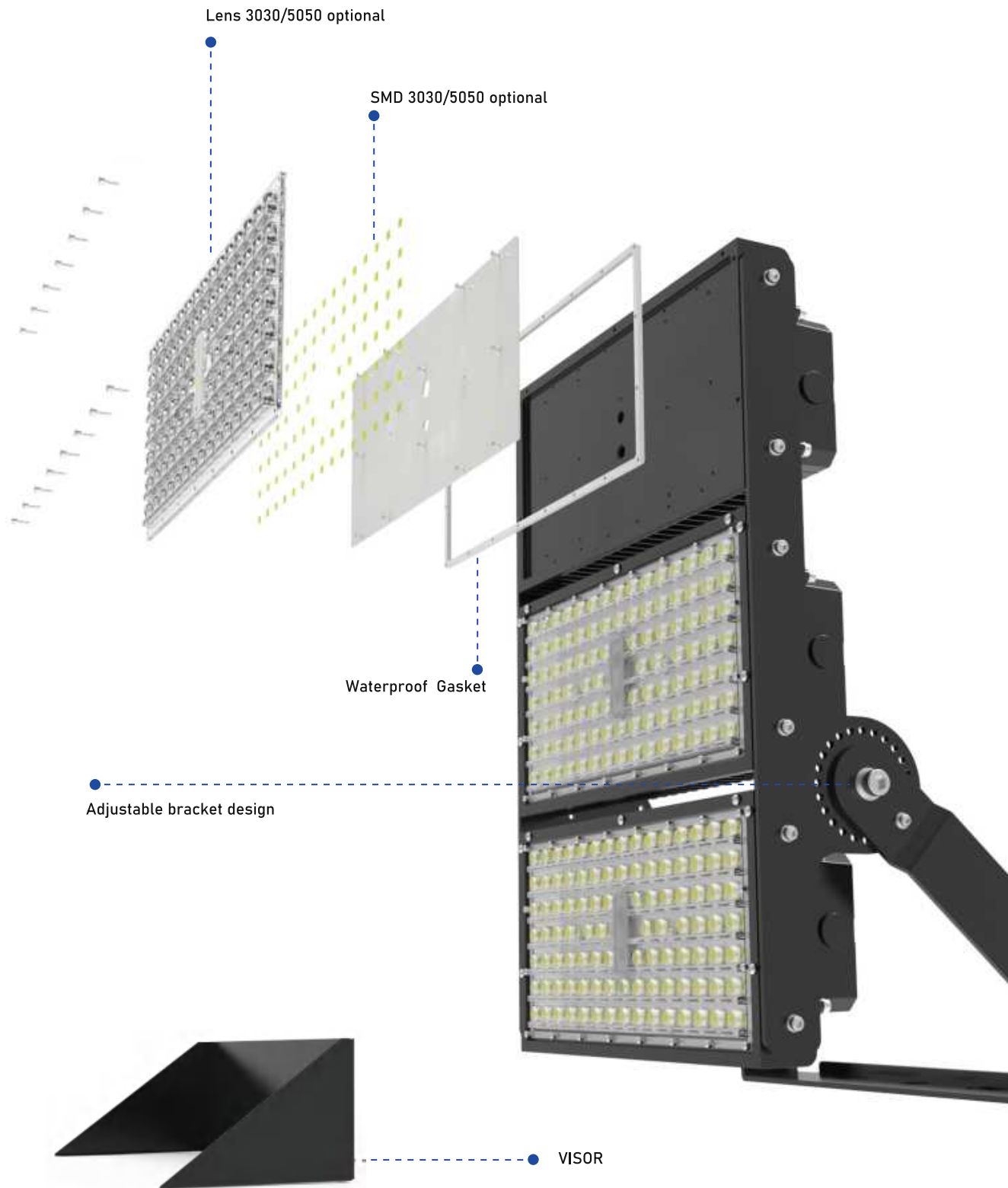
FL05-Series

Multiple Power Options with Complete Wattage

Expandable Due to Modular Design

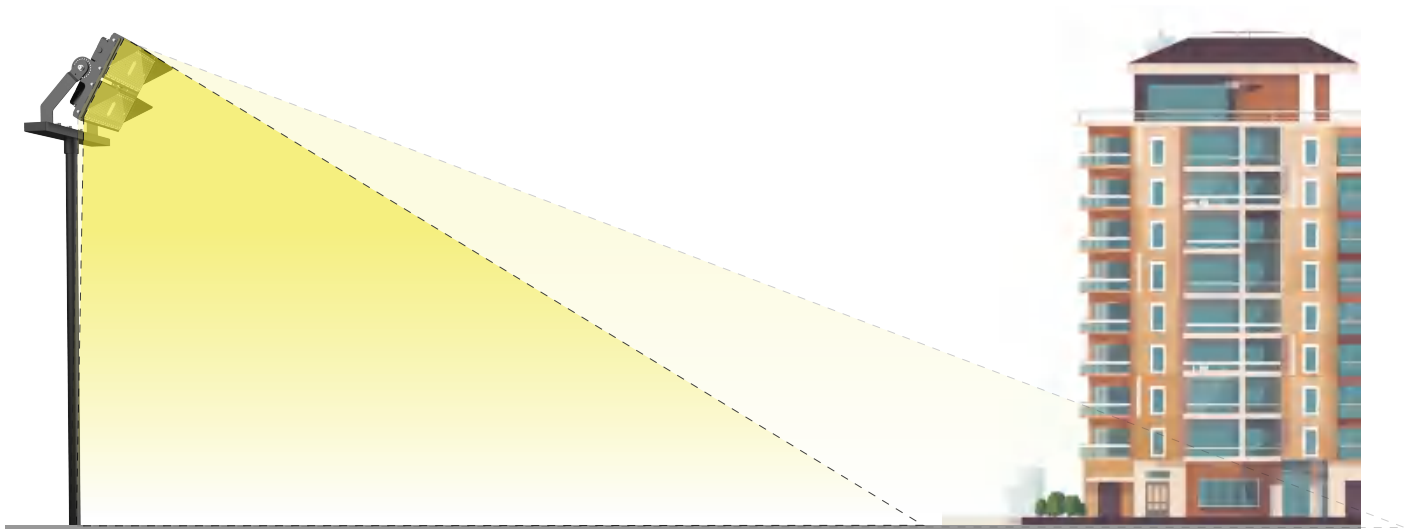


PRODUCT CHARACTERISTICS



LIGHT POLLUTION CONTROL

Your neighbors will never like useless glare in or around their homes. The night sky will be beautiful with twinkle stars and no light spilling. With special visor and optical lens design, GOLDENLUX FL05 is the one to make all this happen.



CABLE PROTECTION

Protect the wire from bird's pecking.



20KV

Keep your equipment safe from lightning strikes and other surges with our 20kV SPD. Long-lasting and easy to install.



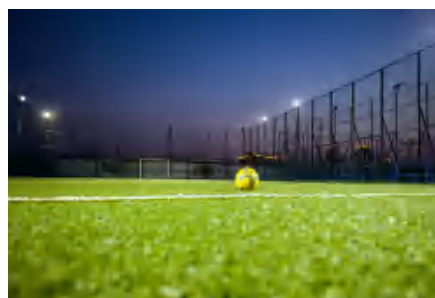
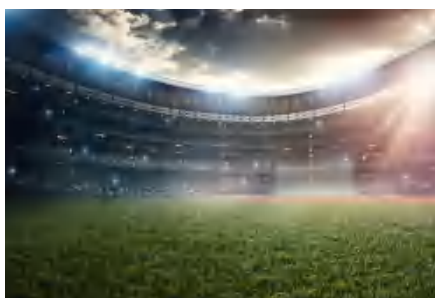
SPECIFICATIONS TABLE

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
Respirator	Yes
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
OPERATING CONDITIONS	
Operating Temperature Range (Ta)	-30°C to + 50°C
Operating Humidity	10-90%RH
Mounting Option	Bracket Mounting
Warranty	5 years
PERFORMANCE	
Power	250W/500W/750W/1000W/1250W
Efficacy(Symmetrical)	170lm/W, 150lm/W
Efficacy(Asymmetrical)	150lm/W
Power Efficiency	≥90%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION	
Electrical Class	Class I EU
Nominal Voltage	200-240V 50/60Hz
Power factor (at fullload)	0.9
Surge Protection Options (KV)	20KV-Line-Line 20KV-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	SMD3030/5050
Beam Angle	15° / 30° / 45° / 60° / 90° 110X25° / 110X40°
Recommended installation height	15m to 45m
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.

APPLICATION



PERFORMANCE

STANDARD VERSION

POWER	LUMENS	EFFICACY
250W	42,500LM	170LM/W(Ra70)
	40,000LM	160LM/W(Ra80)
500W	85,000LM	170LM/W(Ra70)
	80,000LM	160LM/W(Ra80)
750W	127,500LM	170LM/W(Ra70)
	120,000LM	160LM/W(Ra80)
1000W	170,000LM	170LM/W(Ra70)
	160,000LM	160LM/W(Ra80)
1250W	212,500LM	170LM/W(Ra70)
	200,000LM	160LM/W(Ra80)

ECO VERSION

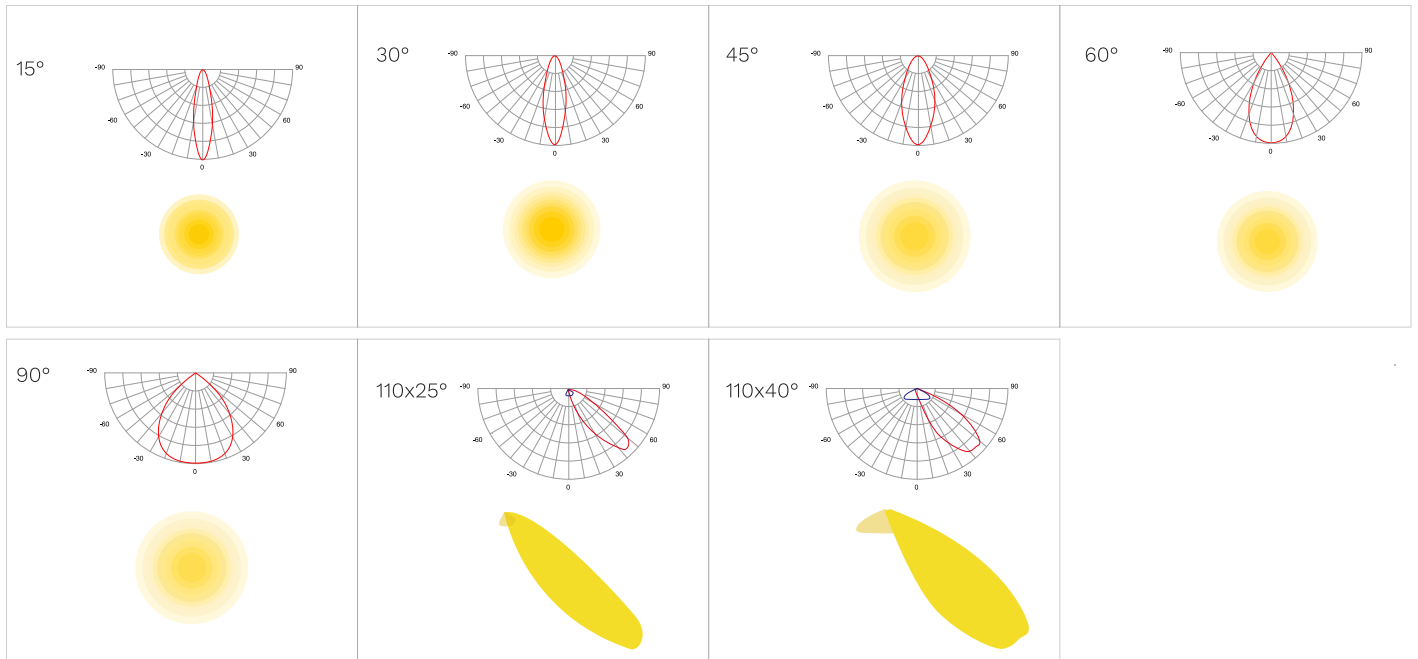
POWER	LUMENS	EFFICACY
250W	37,500LM	150LM/W(Ra70)
	35,000LM	140LM/W(Ra80)
500W	75,000LM	150LM/W(Ra70)
	70,000LM	140LM/W(Ra80)
750W	112,500LM	150LM/W(Ra70)
	105,000LM	140LM/W(Ra80)
1000W	150,000LM	150LM/W(Ra70)
	140,000LM	140LM/W(Ra80)
1250W	187,500LM	150LM/W(Ra70)
	175,000LM	140LM/W(Ra80)

※The Performance Data is tested base on 230VAC, 30° and 4000K for all versions
 ※Power Consumption Tolerance ±5% (Apply to all versions)
 ※Lumen Efficiency Tolerance ±5% (Apply to all versions)

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
250W	L500*W300*H185mm	1PCS/CTN	0.0278m ³	5kg	5.4kg	1699pcs	4145pcs
500W	L620*W545*H225mm	1PCS/CTN	0.076m ³	13.4kg	15.2kg	399pcs	967pcs
750W	L825*W545*H225mm	1PCS/CTN	0.1012m ³	18.1kg	20.3kg	275pcs	670pcs
1000W	L1035*W545*H225mm	1PCS/CTN	0.1269m ³	21.3kg	24.5kg	209pcs	522pcs
1250W	L1240*W545*H225mm	1PCS/CTN	0.1521m ³	27.4kg	30.9kg	180pcs	454pcs

LIGHT DISTRIBUTIONS



PENDANT MOUNTING

Power	Size
250W	L405*W276*H117mm
500W	L464*W512*H159mm
750W	L464*W719*H159mm
1000W	L464*W926*H159mm
1250W	L464*W1133*H159mm

