

2nd Generation FL Series

EXTREMELY BRIGHT - With efficacy of 130 lumens per watt, Our 500W Sports Light produces up to 65,000 lumens, designed to replace a 2000 watt metal halide sport light. Offering versatility for any outdoor sport including football, soccer, baseball, lacrosse and field hockey. The LED stadium lights outdoor are shatter resistant and anti-corrosion protected with an IP65 rating for weather conditions. The perfect light for outdoor areas. With an incredible light output of 120 lumens and beam angle of 15/30/60 degrees, this led arena light is ideal for lighting up big stadiums and sport facilities such as basketball courts, tennis courts and soccer fields, or other large areas that require a substantial amount of light. Constructed with robust materials and state-of-the art circuit system, this outdoor arena light has a great heat dissipation system and ultra low EMI noise generation. Elegant, functional and sturdy design!



FEATURES :

- ETL/cETL listed for wet locations, IP65 rated
- 130 lumens per watt
- 100-277V universal voltage
- 0-10V dimming optional
- High power LED heat sink
- Heat pipe and massive aluminum fins cooling technology

2nd Generation FL Series

APPLICATIONS

- Industrial plants
- Stadiums
- Docks
- Golf courses
- Landscape
- Architectural lighting
- Squares
- Exhibition hall

CONSTRUCTION

- Using high-power LED patch (3030/5050) light source, the power supply can match any brand.
- The heat sink and the lamp housing are integrated, the heat dissipation fins and air convection heat are radiated through the outer casing.
- The lamp housing is formed by aluminum die-casting, which is effective in heat dissipation, waterproof and dustproof. The overall luminaire is reached IP65 standard.
- Adopt standard ADC12 die-cast aluminum, green and environmentally friendly



Football court



Stadiums



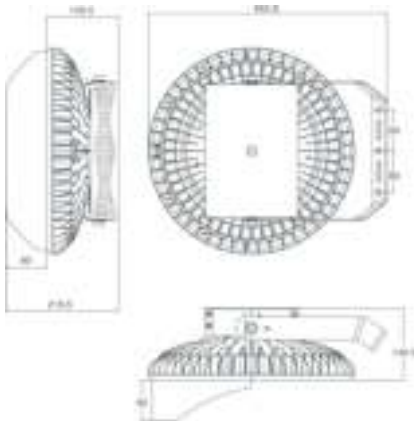
Stadiums



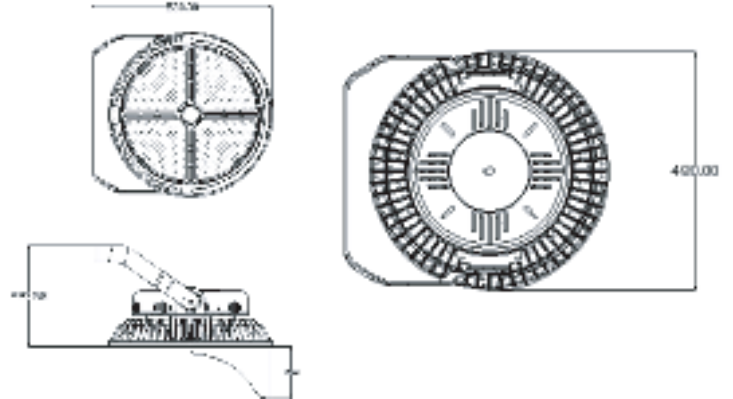
Buildings

DIMENSION:(mm/in)

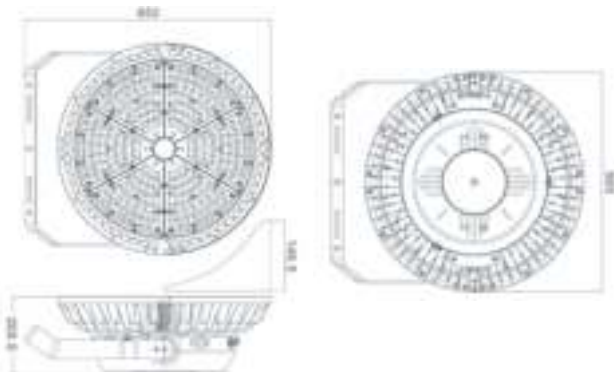
300W



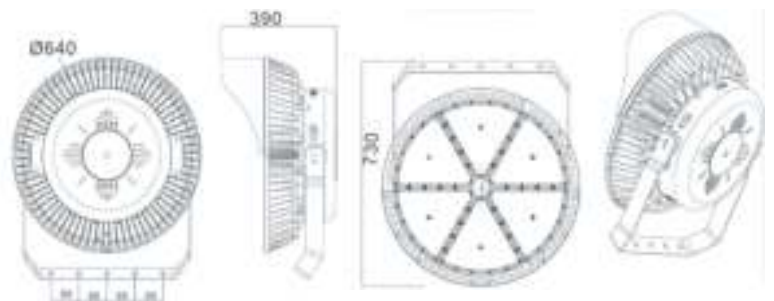
400W/500W



700W



1000W



2nd Generation FL Series

TECHNICAL SPECIFICATION:

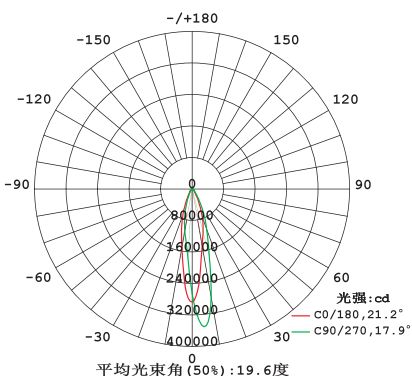
- Input Voltage : 100-277VAC
- Luminous Efficacy : up to 120lm/w
- Colour Rendering Index : > 70Ra
- Power Factor : >0.9
- Operating Temperature : -30°C up to 50°C(-22°F up to 122°F)
- Color Temperature : 3000K/4000K/5000K/5700K
- Lens : High reflector, Glass cover
- Ingress Protection : IP65
- Impact Rating : IK08
- Beam Angle : 15°/30°/60°
- Housing : aluminum body(Black). Copper in heat sink,
- Installation: Knuckle mount
- Environment : damp/wet locations
- Certification : ETL/cETL
- Rated Life : 50,000 hours
- Warranty : 5 years

SPECIFICATIONS :

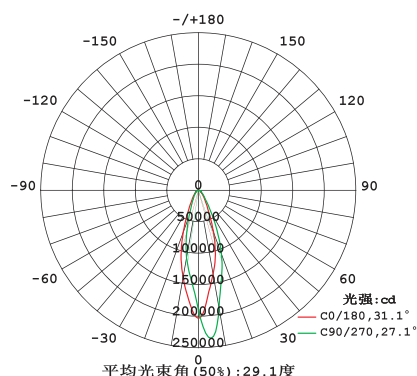
Produce Code	KLHB300WCK	KLHB0400WCK	KLFL0500WC	KLFL0700WC	KLFL1000WC
Power Consumption(W)	300	400	500	700	1000
Lumens Delivered (lm)	39000	52000	65000	91000	130000
Efficacy (lm/W)	130	130	130	130	120
CRI	>70	>70	>70	>70	>70
Color Temperature	2700-6500K	2700-6500K	2700K-6500K	2700-6500K	2700-6500K
Beam Angle	15°/30°/60°	15°/30°/60°	15°/30°/60°	15°/30°/60°	15°/30°/60°
Input Voltage	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC
Power Factor	0.98at 100VAC 0.90at 277VAC	0.98at 100VAC 0.90at 277VAC	//	>0.9	>0.9
L 70	More than 50000hours	More than 50000hours	More than 50000hours	More than 50000hours	More than 50000hours
Housing	aluminum body(Black). Copper in heat sink, High reflector, Glass cover	aluminum body(Black). Copper in heat sink, High reflector, Glass cover	aluminum body(Black). Copper in heat sink, High reflector, Glass cover	aluminum body(Black). Copper in heat sink, High reflector, Glass cover	aluminum body(Black). Copper in heat sink, High reflector, Glass cover
Installation	Knuckle mount	Knuckle mount	Knuckle mount	Knuckle mount	Knuckle mount
Operating Temperature	-30°C up to 50°C (-22°F up to 122°F)	-30°C up to 50°C (-22°F up to 122°F)	-30°C up to 50°C (-22°F up to 122°F)	-30°C up to 50°C (-22°F up to 122°F)	-30°C up to 50°C (-22°F up to 122°F)
Certification	ETL/cETL	ETL/cETL	ETL/cETL	ETL/cETL	ETL/cETL

LUMINAIRE PHOTOMETRIC

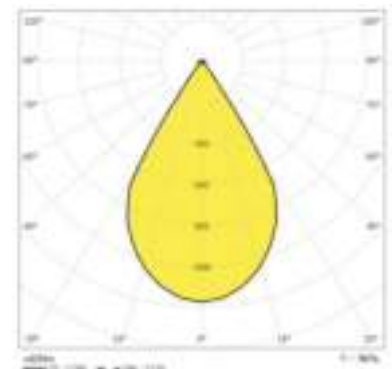
Luminous Intensity Distribution Diagram:



15°



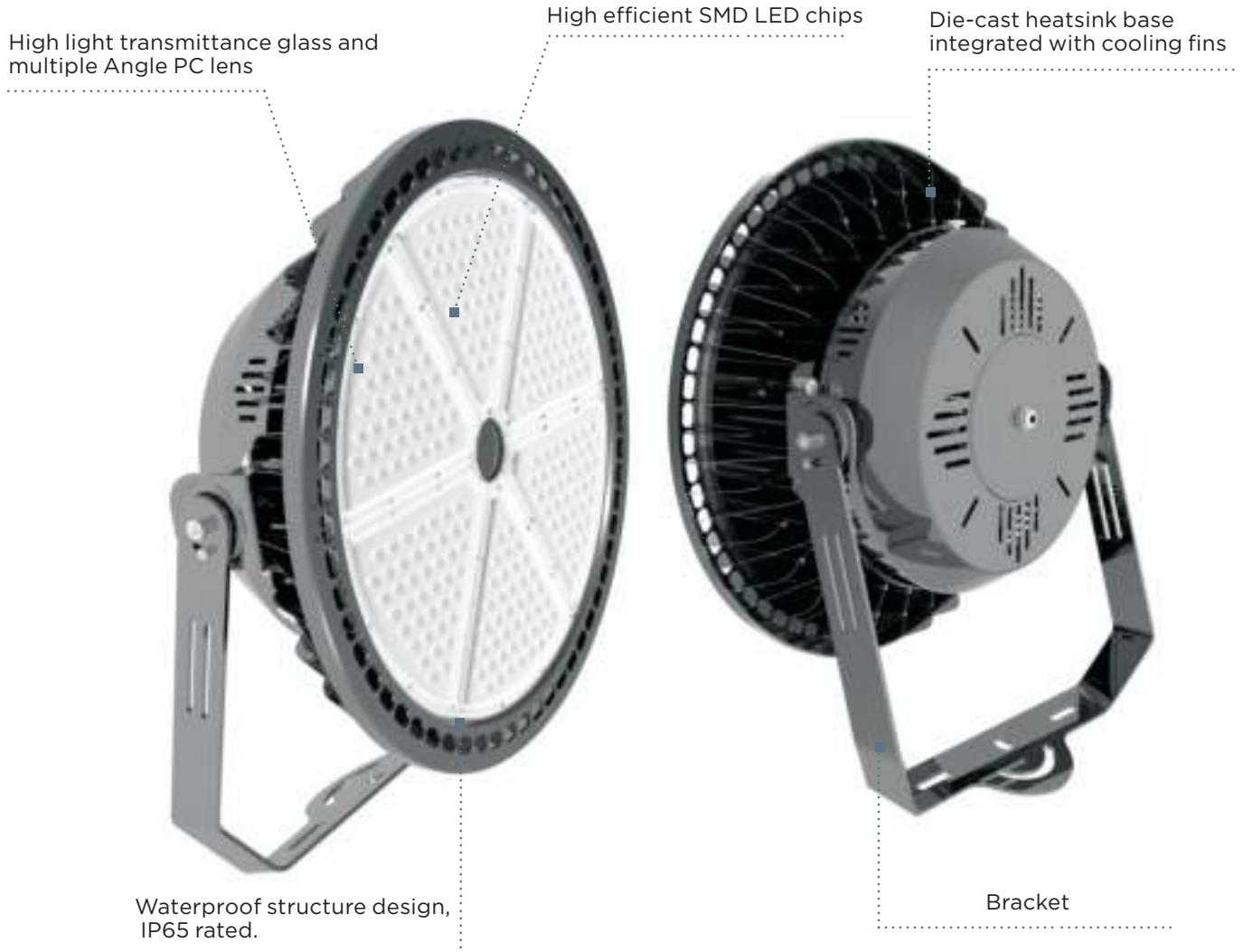
30°



60°

2nd Generation FL Series

Very high-out LED Flood Light
outperforms its competitors



This LED area light is designed to slip-fit and Trunnion (Bracket) Mount, the versatile mounting configurations offer simple installation.

- 5 years warranty is standard on FL.
- Long operation life time, above 50,000hours. Low maintenance costs.

2nd Generation FL Series

PACKAGING

Model No.	Qty (pcs)	L*W*H (CM)	NW. (kgs)	G.W. (kgs)	Meas. (CBM)
			Per CTN	Per CTN	Per CTN
KLHB300WCK	1	42.5*42.5*22CM	11	13	0.04
KLHB0400WCK KLHB0500WC	1	60*65*23CM	16	18	0.09
KLHB0700WC	1	68.5*61.5*24.5CM	22.5	25.3	0.1
KLHB1000WC	1	76*68*29CM	30	33	0.15