

# LED STADIUM LIGHT



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*Signature  
Designed by WIP*



W-GQC-400



W-GQC-600



W-GQC-900

## LED Stadium Sport Light

### Specification

Stadium lights are very powerful sports lights mounted at tall heights and lighting luminaires must perform well in all conditions. The high-quality LED provides huge savings in energy consumption, silicone gasket ingress protection against water and dust IP65, ensure a long product lifetime even in the most extreme environments. The newest phase change technology of heatsink with sintered heat column inside for better cooling chips and heat treatable. Idea for stadium light, arena, airport, gymnasium, etc.

Input Voltage	100-305Vac50/60Hz.	Lens Material	Ledil : Silicone High bay Lens	Dimming	Dimmable / Non-Dimmable
Input Voltage Range	100-240Vac50/60Hz.	LED Light Source	Single COB : Citizen,	Surge Protection	20 kV
Power Factor	>0.95	CRI	>70, >80	Heat Sink	GENTWIN-Phase Change
Beam Angle	20°, 30°, 60°, 90°	CCT	3000K, 4000K, 5000K, 6500K	Gasket	Silicone
Work Temperature	-10°C to + 65°C	Driver	Meanwell	IP Rating	IP65
LED Life Time	50,000 hrs.			Warranty	3 Years

Model	Power (W)	Luminous Flux (lm)	Efficiency (lm/W)	Weight (Kg.)	Dimension (mm.)	Standard
W-GQC-400	400	44,000	110	12.0	A282 x B450 x C415 x D258 x E470	
W-GQC-600	600	66,000	110	16.0	A370 x B570 x C366 x D110 x E607	
W-GQC-900	900	99,000	110	24.0	A370 x B570 x C366 x D150 x E607	
W-GQC-1200	1200	132,000	110	30.2	A370 x B570 x C366 x D200 x E607	

IEC : 60529 International Protection Standard

IEC : 61547 Equipment for general lighting purposes-EMC immunity requirements



Products of Thailand

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## LENS

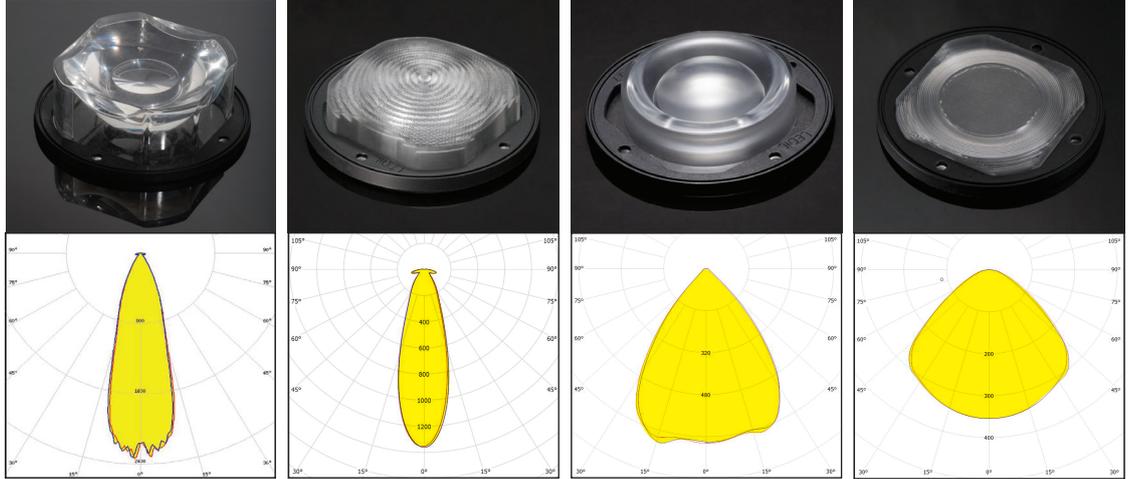
20°

30°

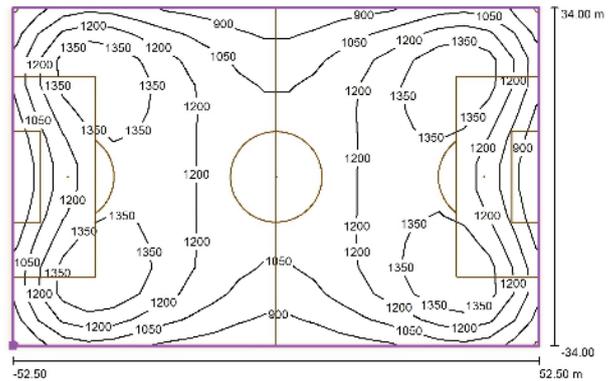
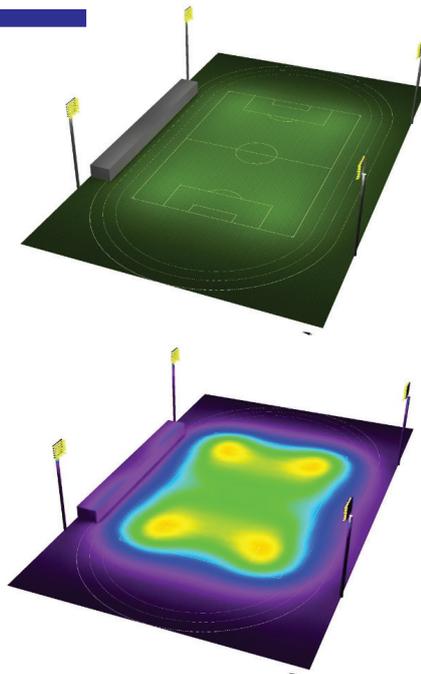
60°

90°

Beam Angle



## Simulation



LED Stadium Sport Light W-GQC-900

Luminaire Wattage : **900W**

Light Source : **168 set**

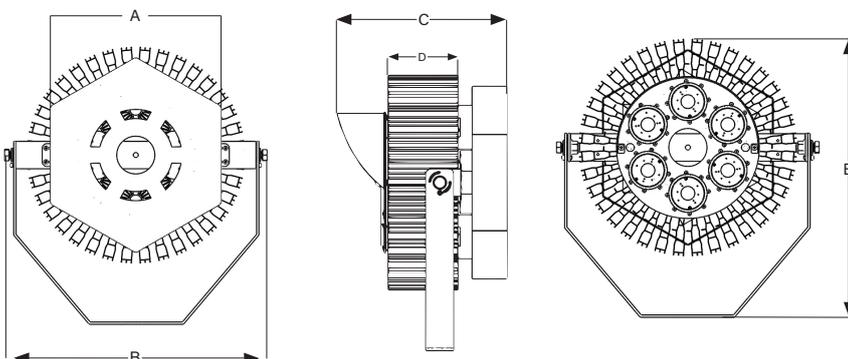
Lux on floor : Eva **1,208 lx**,

$E_{min}/E_{av}$  ( $u_0$ ) : **0.70**

Pole Height : **35 m**.

Soccer Field : **68 x 105 m**.

## Dimension (in mm.)



### W-GQC-400

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
282	450	415	258	470

### W-GQC-600

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
370	570	366	110	607

### W-GQC-900

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
370	570	366	150	607

### W-GQC-1200

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
370	570	366	200	607