



# Tennis court LED lighting

**ES2330-200W200** LED luminaire is designed for illuminating the tennis court for residential ensuring quality luminous efficiency and minimizes the off-site effect in accordance to the common code of practice.

## General Characteristic

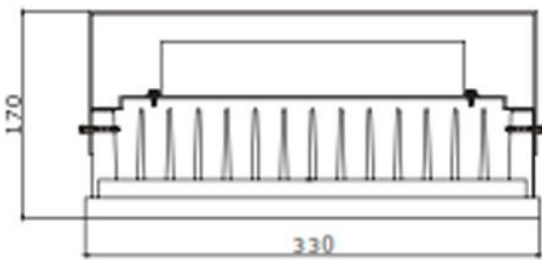
Body structure	It is completely fabricated by die-cast aluminum alloy material. The entire unit is finished by advanced plastic surface coating technology.
Size overall	330 x 330 x 170mm (see diagram)
Weight (with driver)	6.2kg (13.6 lbs)
Anti-corrosion	WF2 (EC2250); WF1 (ER2470)
Working environment	-40°C ~ 65°C (max)
Rated life span	≥40000 hours (accumulative)
Ingress protection	IP65
Certification	CE, FCC, RoHS

## Light Characteristic

Light source	Bridgelux 45mil high power LED
PCB	Copper or aluminum substrate
Color rendering index	Ra ≥75
Color temperature	3200K (K3); 4200K (K4); 5500K (K5)
Luminous efficacy	22000 lumen
Peak light intensity	25000cd
Luminous performance	≥250 lux (E <sub>av</sub> ) / ≥330 lux (E <sub>max</sub> )
Uniformity (uO)	0.685
RF interference	Free
Dazzle & noise	Free
Ultra violet rays	Free

## Electrical Characteristic (electronic gear)

AC input voltage	90~305VAC, 47~63Hz
Power factor	PF ≥0.95
Safety working voltage	28~36V
Current regulation	±3%
Protection type	OCP, OVP, OTP, SCP
Output current	0.25~1.2A
Typical efficiency	90%
Working temperature	-40°C ~ 50°C
Storage temperature	-40°C ~ 85°C
Ingress protection	IP65 compliant
Safety standard	UL8750
EMI	EN55015 Class B
Harmonic current	2, Class C



OA Size Diagram (mm)

