

TENNIS COURT LIGHT

PQ-SPTC

- System light efficacy 150-155 LPW
- Specific glare free lens design
- Minimal light spill outside the court
- Extremely high lighting uniformity
- IP66 waterproof
- No warmup time
- Five-year warranty
- Typical application: tennis court lighting



240W



400W



600W

CERTIFICATIONS



SPECIFICATIONS

LED Chip	Philips Lumileds	IP Rating	66
Colour Temperature	3///, 5000K	Operating Temperature	-40 to 60°C (-40 to 140°F)
CRI	≥70	Storage Temperature	-40 to 80°C (-40 to 176°F)
Lumen Maintenance	L70 > 150,000 Hours (calculated using Tm-21 calculator)	Humidity	15% to 95% RH
Input Voltage	100-277 VAC (347/480 VAC optional) Dimming optional	Fixture Material	Aluminum Alloy
Power Factor	0.95 minimum	Warranty	5 years




TENNIS COURT LIGHT

MODEL	Color Temperature (CCT)	Power(w)	Input Voltage (V)
PQ-SPTC	041K = 4000K 051K = 5000K	240W 400W 600W	120V = 100 - 277 VAC 347V = 277 - 480 VAC

Example Catalog Number: PQ-SPTC-041K-240W-120V

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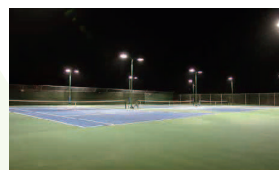
PICTURE	PART #	POWER	EFFICACY (IES)	TOTAL LUMEN	N.W	PRODUCT DIMENSIONS
	PQ-SPTC-XXK-240	240W	155LPW	37,200lm	7.9 kg/ 17.4 lbs.	684x408x82mm 26.9x16.1x3.2 in
	PQ-SPTC-XXK-400	400W	155LPW	62,000lm	14.8 kg/ 32.6 lbs.	684x596x82mm 26.9x23.5x3.2 in
	PQ-SPTC-XXK-600	600W	150LPW	90,000lm	18.3 kg/ 40.3 lbs.	684x784x82mm 26.9x30.9x3.2 in

SPECIFICATIONS FOR TENNIS COURT LIGHTING

	HORIZONTAL ILLUMINANCE	UNIFORMITY OF ILLUMINANCE	GR	COLOUR TEMPERATURE	COLOUR RENDERING
	E_h average (lux)	E_{min} / E_h ave	GR	(K)	RA
Competition	500-750	>0.7	<30	>4000	>80
Club	300-500	>0.7	<30	>4000	>70
Recreational	150-300	>0.6	<50	>2000	>20

SELECTION GUIDE FOR COURT WITH 6 POLES

Competition Level	600W E-lite LED Tennis Court Light
Club Level	400W E-lite LED Tennis Court Light
Recreational Level	240W E-lite LED Tennis Court Light

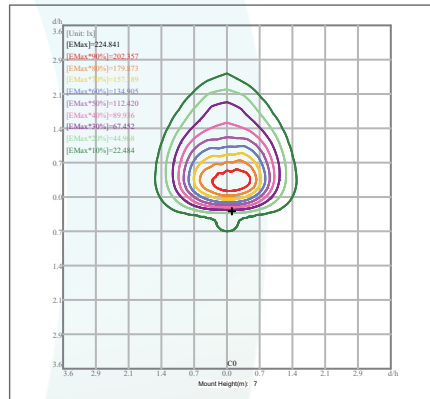
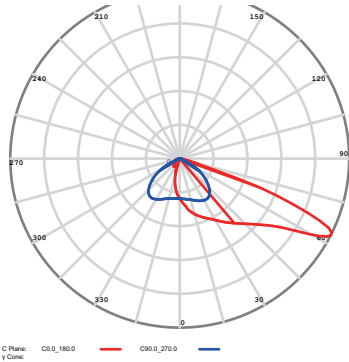


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PHOTOMETRICS

30x120° (TYPE IV -VS)

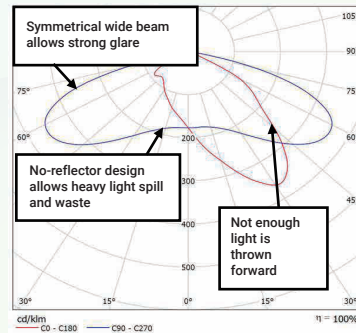
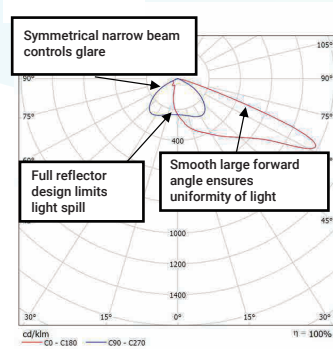


GLARE CONTROL & LIGHT UNIFORMITY COMPARISON

Glare-free lens design ensures player safety and comfort.

Photometrics of PowerQ LED tennis court light

Photometrics of conventional tennis court light



Specific photometric increases the uniformity of light, while reducing the light spill outside the court.



Illumination by PowerQ's tennis court light

Illumination by conventional lighting