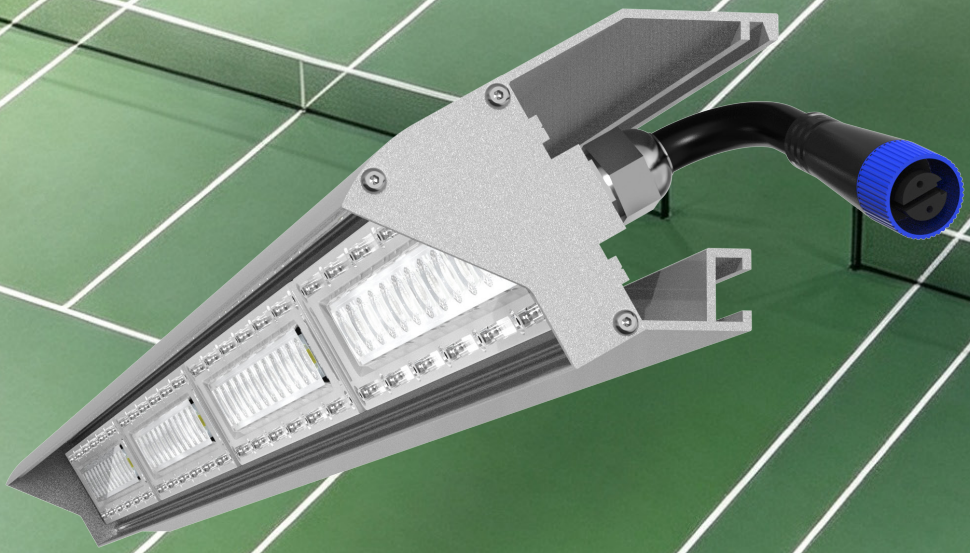
Pan American
Professional Lighting Manufacturer





TC SERIES
LED TENNIS COURT LIGHT

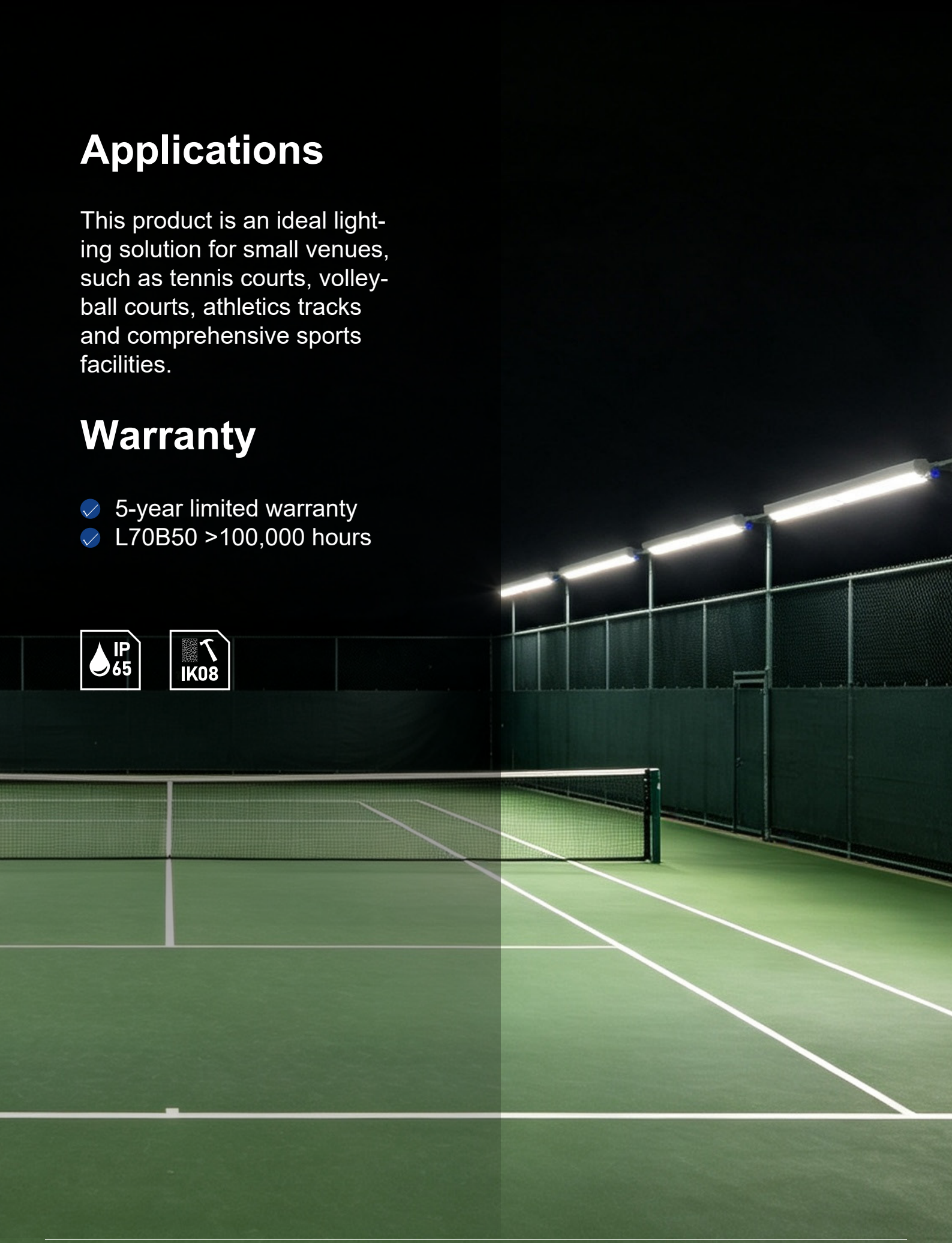
Applications

This product is an ideal lighting solution for small venues, such as tennis courts, volleyball courts, athletics tracks and comprehensive sports facilities.

Warranty

- 5-year limited warranty
- L70B50 >100,000 hours

IP65 IK08



Web: www.panamericanelectronics.com E-mail: sales@panamericanelectronics.com
Add: Building 6, Zhongtang Tian'an Digital City, No. 88 Jinyuan Road, Zhongtang Town, Dongguan, Guangdong . Zip code 523220

TC SERIES LED TENNIS COURT LIGHT

Pan American
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Features

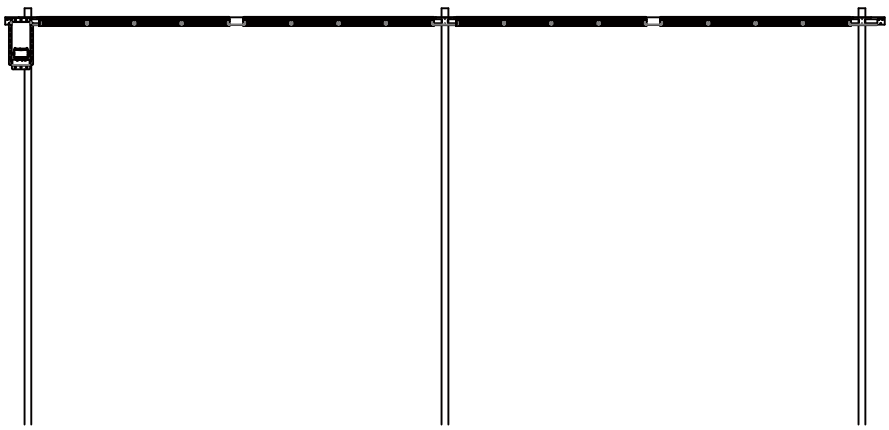
- Light weight, compact and robust design for greater reliability and durability.
- Modular design, supports assembly of up to 20 fixtures to meet lighting requirements for different sites.
- Radiator made of pure aluminum with excellent heat dissipation and corrosion-resistant performance.
- Superior glare control: shadow-free, glare-free and zero backlight, effectively mitigating light pollution.
- IK08 rated, built to withstand heavy vibration.
- IP65 rating, suitable for wet-location applications.
- 0-10V DC and DALI dimming options available.
- Easy installation and maintenance; no heavy machinery or specialized engineers required, saving labor and material costs.



Traditional Flood Light
need poles, higher labor costs and machine costs.



Venas Tennis Court Light
• Easy installation and maintenance with no poles,no engineers,no machines required.
• Softer and more uniform lighting compared to traditional flood light.





No engineers required



No machines required



No poles required

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Technical Parameter

●Electrical

Model Number	SP-TCxxxW UXSQGZ
Wattage	50W/60W/70W/80W/90W/100W
Input Voltage	120-277VAC/277-480VAC
Input Frequency	50/60Hz
Power Factor	>0.95
THD	<15%
Power Supply	Inventronics
Surge Protection	10kV (Standard) / 20kV (Optional)

●Optical

Model Number	SP-TCxxxW UXSQGZ
Efficiency (CRI=70)	165lm/W
Luminous Flux	8250lm/9900lm/11550lm/13200lm/14850lm/16500lm
LED Type	LED 5050
CCT	5000K (standard); 4000K (optional); 5700K (optional)
Intelligent Control	0-10V dimming (standard); DALI (optional)
Beam Angle	P60
LED Lifespan	L70B50 >100,000 hours
CRI	Ra70 (standard); Ra80 (optional); Ra90 (optional)

●Environmental

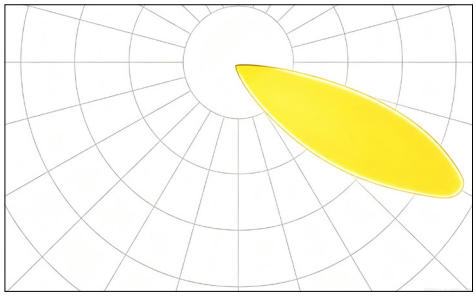
Model Number	SP-TCxxxW UXSQGZ
Ambient Temperature	-40°C to 50°C (-40°F to 122°F)

●Mechanical

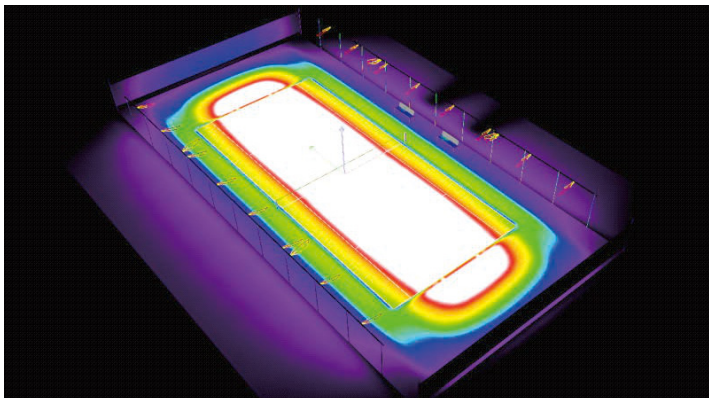
Model Number	SP-TCxxxW UXSQGZ
Warranty	5-year limited warranty
Fixture Dimension	1123x80mm (44.21x3.15inch)
EPA	0.15Ft^2
Housing Color	Grey (standard); can be customized if needed

Photometric

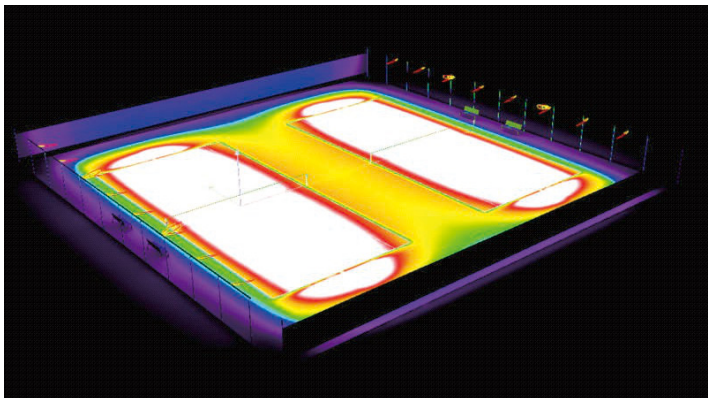
P60



for Single Court

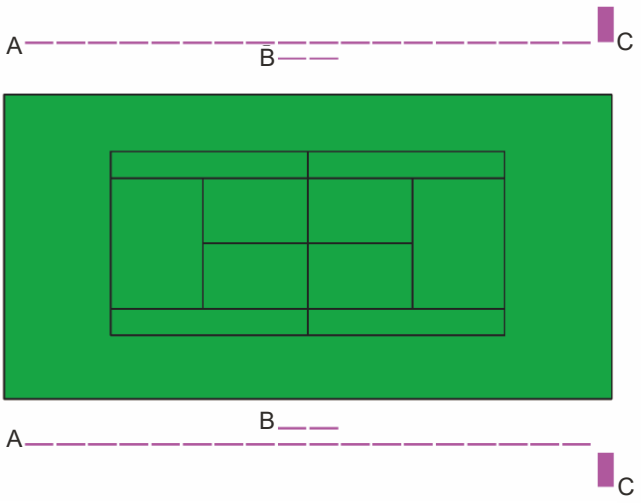


for Two Courts



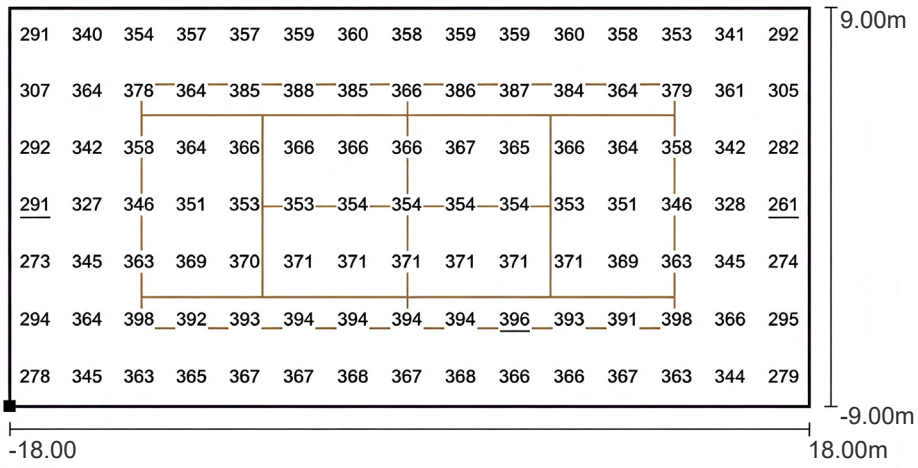
Lighting Layout

Solutions:
A: 2 lines (each line with 18pcs fixtures, total 36pcs)
B: 2 lines (each line with 2pcs fixtures, total 4pcs)
C: 2 pcs driver boxes (1200W)



Illuminance Simulation Result

Values in Lux, Scale 1:258



Location of interior surface of outdoor scene:



Marked point:
(7.900 m, 12.600 m, 0.000 m)

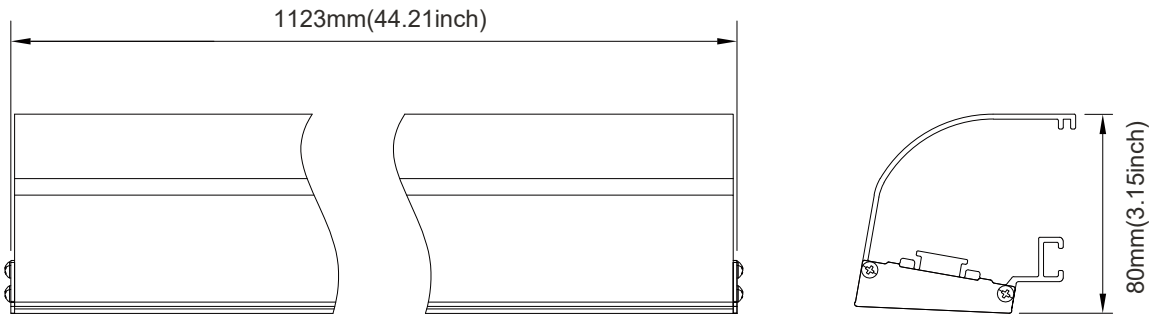
Parameters:

- Average illuminance (lx): 355
- Minimum illuminance (lx): 261
- Maximum illuminance (lx): 396
- Minimum illuminance / Average illuminance: 0.74
- Minimum illuminance / Maximum illuminance: 0.66

Note:

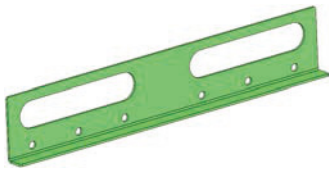
- Each configuration includes a light strip fixed on a three-meter high pole + two "high ball" LED light strips aligned on the service line.
- The total power depends on single configuration or dual configuration
- Increase or decrease the fixture quantity according to the actual application
- The installation height refers to the standard height for tennis courts.

Dimension drawings



Accessories

1. Lamp Body Connecting Plate

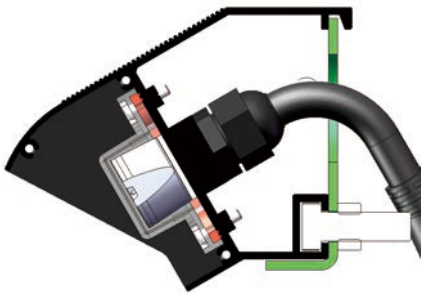


Option 1



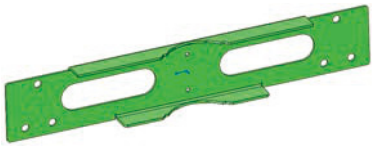
Option 2

Installation Diagram:

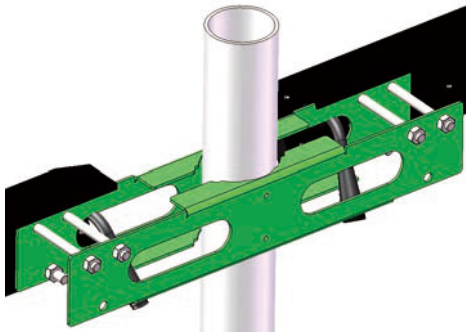




2. Pole Fastening Frame



Installation Diagram:



Packing Information

Model Number	Net Weight	Gross Weight	Quantity	Package Dimensions (LxWxH)
SP-TCxxxW UXSQGZ	3.9kg(8.60lbs)	4.5kg(9.92lbs)	1 pcs	1690x110x95mm (66.53x4.33x3.74inch)

Note: The net weight increases with the number of pieces accordingly.

Ordering Guide

SP-TCxxxW UXSQGZ

1 2 3 4 5 6 7 8 9

1 Product Category
SP:Sports Light

2 Product Code
TC=Tennis Court

3 Wattage
050=50W 060=60W 070=70W 080=80W 090=90W 100=100W

4 CCT
30=3000K 40=4000K 50=5000K 57=5700K 65=6500K

5 Dimmable
D:Dimmable N: Non-Dimmable

6 Beam Angle
S=P60

7 Sensor
N=Without Sensor

8 Remote Driver Box Option
G=With Remote Driver Box
blank=Without Remote Driver Box

9 Input Voltage Rating
A=120-277VAC E=277-480VAC