



CIP
LIGHTING

LED Tennis Court Light



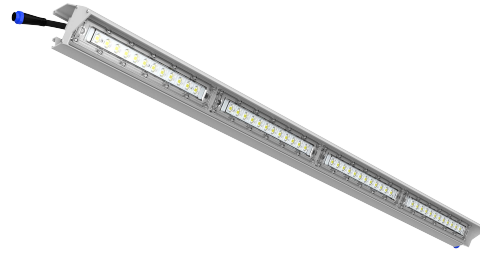
LED Tennis Court Light

Designed for Small Venues



Applications:

This product is an ideal lighting solution for small venues, such as tennis court, volley-ball court, ground track field and comprehensive sports facilities.



Certifications and compliances:

- Ingress Protection: IP66 (wet location)
- Impact Resistance (Shock): IK08
- Surge Protection:
10kV standard
20kV optional

Standard Materials:

- Housing: 6060 aluminum, SPCC iron
- Lens: PMMA optical lens
- Radiator: 6063 aluminum
- Surface treatment:
powder coating and sand grain finished

Features:

- Light weight, compact and robust design for greater reliability and durability.
- Modular design, available for assembly at most 20 fixtures to meet lighting requirements from different sites.
- Radiator made of pure aluminum, better cooling performance and corrosion resistance.
- Good glare control with no shadow, no glare light, and no back light, effectively tackle light pollution.
- IK08 rated, designed to withstand strong vibration.
- IP65 protection degree, suitable for wet locations.
- 0-10V DC and DALI dimming available.
- Easy installation and maintenance, no need of poles, machines, engineers, saving labor and material costs.

Specifications:

Model Number	CIP-SP-TC-xxW-XYZD
Wattage	60W
Efficiency (CRI=70)	150 lm/W
Luminous Flux	9,000 lumens
EPA	0.15Ft ²
Input Voltage	120-277VAC, 50/60 Hz
Power Supply	Inventronics
Power Factor	>0.95
Total Harmonic	<15%
LED Type	LED 5050
CCT	5000K (standard); 4000K (optional); 5700K (optional)
Intelligent Control	0-10V dimming (standard); DALI (optional)
Beam Angle	P60
LED Lifespan	88,000 hours (Ra80); 140,000 hours (Ra70)
CRI	Ra70 (standard); Ra80 (optional); Ra90 (optional)
Ambient Temperature	-40°C to 50°C (-40°F to 122°F)
Warranty	5-year limited warranty
Fixture Dimension	1123x80mm (44.21x3.15inch)
Net Weight	3kg/6.61lbs
Housing Color	Gray (standard); can be customized if needed

Packing Information:

Model Number	Carton Dimension (LxWxH)	Gross Weight(4 Pcs/Carton)
SP-TC 60W XYZD	1167x250x264mm/45.94x9.84x10.39inch	16.4kg/36.16lbs

Note: As 1 pc light is 60W, the net weight increases with the number of piece accordingly.

Ordering information:

CIP-SP-	TC	xxxW-	X	Y	D	Z
Product Category	Product Code	Wattage	Dimming Option	CCT	Beam Angle	Optional
CIP-SP=Sports Light	TC=Tennis Court	60W	X=Y: Dimmable X=N: Non-dimmable	30=3000K 40=4000K 50=5000K 57=5700K 65=6500K	D=P60	

Example: CIP-SP-TC60W-N50P60-01

CIP-SP-	TC	60W-	N	50	P60	-01
CIP-SP=Sports Light	TC=Tennis Court	Wattage: 60W	N: Non-dimmable	CCT: 5000K	Beam Angle: P60	Optional

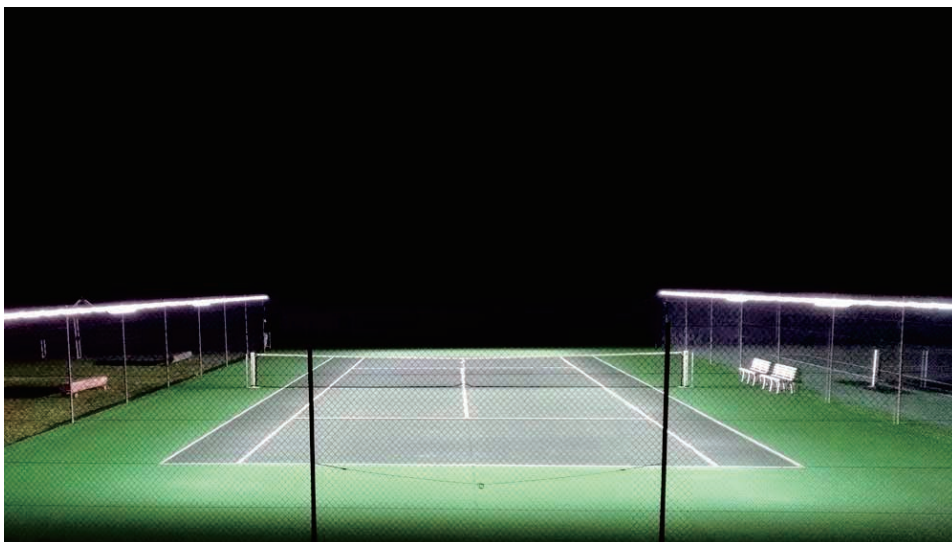
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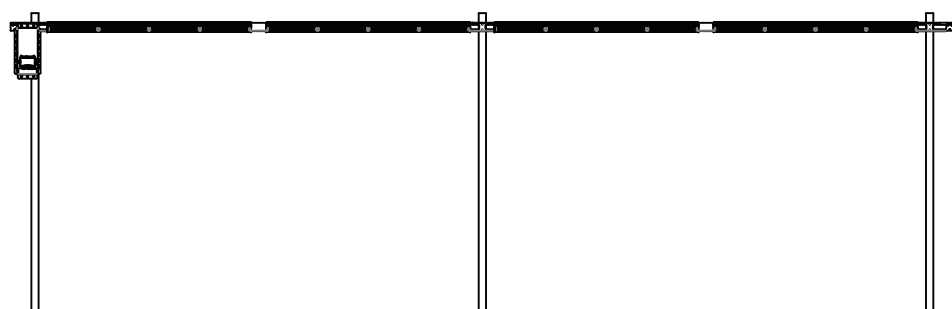
Traditional Flood Light

- Installation and maintenance need poles, higher labor costs and machine costs.



Tennis Court Light

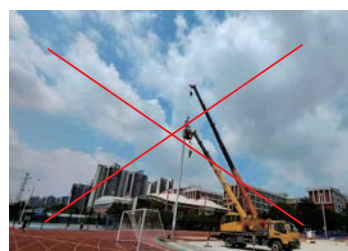
- Easy installation and maintenance with no poles, no engineers, no machines required.
- Softer and more uniform lighting compared to traditional flood light.



No poles required



No engineers required



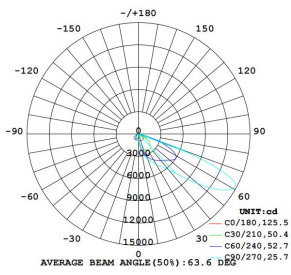
No machines required

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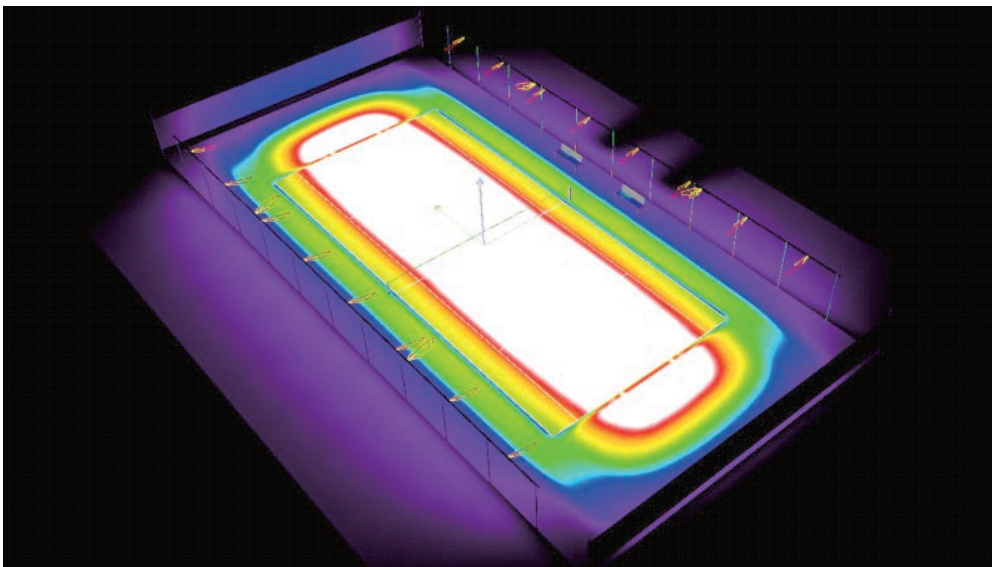
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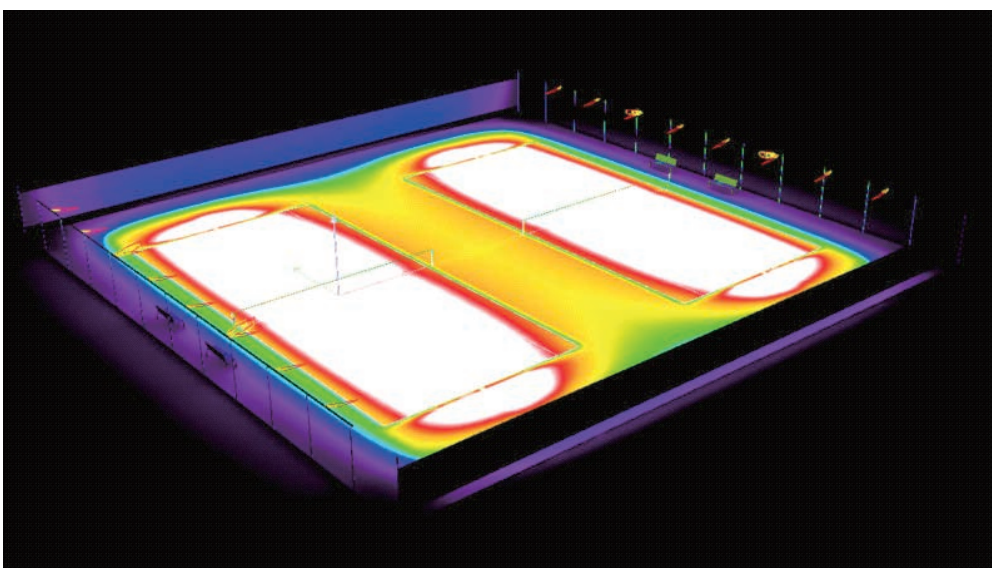
Photometric:



for Single Court



for Two Courts



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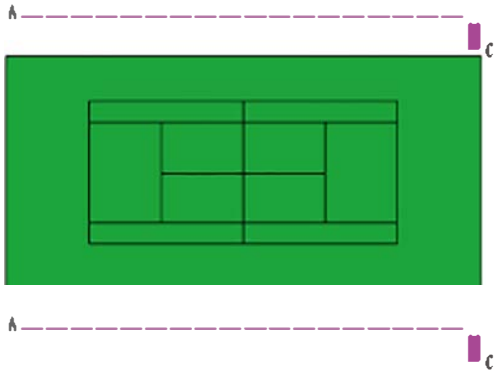


Solutions:

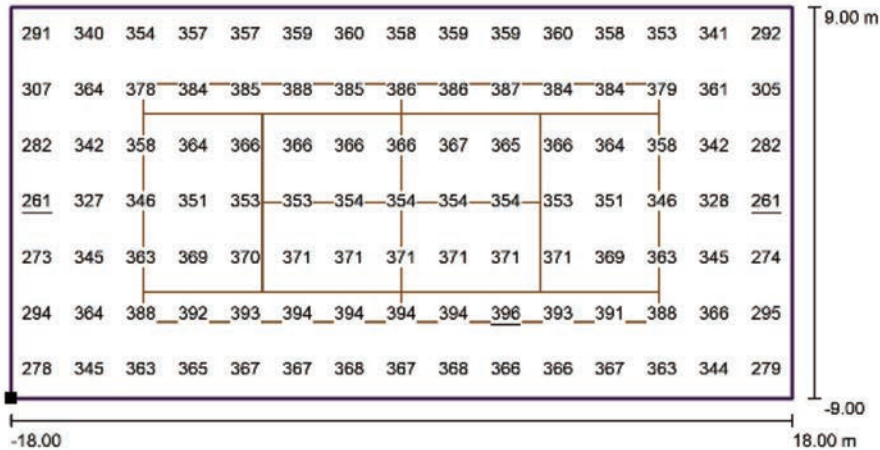
A: 2 lines (each line with 18pcs fixtures, total 36pcs)

B: 2 lines (each line with 2pcs fixtures, total 4pcs)

C: 2 pcs driver boxes (1200W)



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:

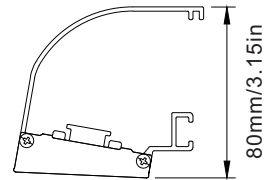
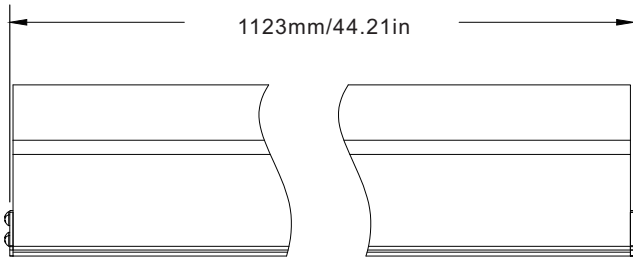
- Each configuration includes a light strip fixed on a three-meter high pole + two "high ball" LED light strips aligned on the service line.
- The total power depends on single configuration or dual configuration.
- Increase or decrease the fixture quantity according to the actual application.
- The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

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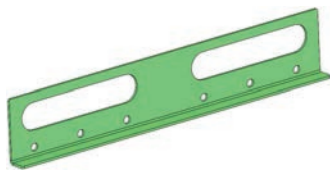


Dimension drawings:



Accessories:

1. Lamp Body Connecting Plate

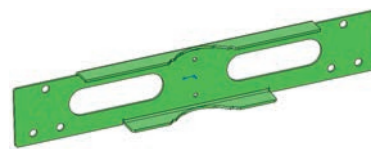


Option 1

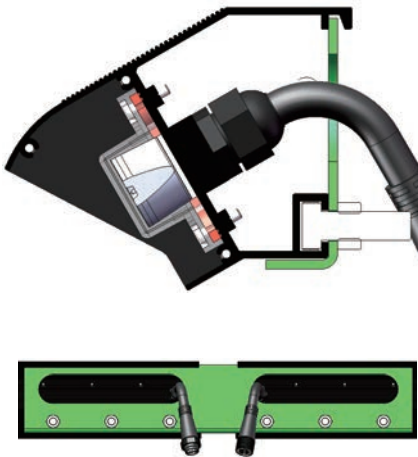


Option 2

2. Pole Fastening Frame



Installation Diagram:



Installation Diagram:

