



超频三
PCCOOLER®

股票代码：300647

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深圳市超频三科技股份有限公司

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SPORTS FLOODLIGHTS

球场灯系列

让荣耀更闪耀



SPORTS LIGHTING

运动场地照明

PCcooler has accumulated many years of experience in the field of sports lighting. With professional technical team and outstanding research and innovation capabilities, PCcooler can provide perfect lighting solutions both for high-end professional sports venues, and leisure sports venues, help you enjoy the passion and joy of exercise.

超频三在体育照明领域中，积累了多年的经验，专业的技术团队和卓越的研发创新能力，无论是对高端专业的体育场地，还是一般休闲运动场地，都能提供完美的照明系统解决方案，让您纵享运动的激情与快乐。

参与国家标准《LED体育照明应用技术要求》、《体育场馆照明设计及检测标准》(JGJ 153—2016)和《绿色照明检测与评价标准》的编制。

超频三球场灯系列灯具及其高效散热系统技术，曾多次荣获政府及行业协会内的各类奖项——“中国专利优秀奖”、广东省和深圳市“科技进步奖”、广东省工业设计大赛“省长杯奖”、“中照照明奖科技创新奖一等奖”、“首创奖”、“阿拉丁神灯奖”、和“金球奖”等，在同类产品中一直处于领先地位。

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SPL02 Series



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SPL01 Series



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TSA Series



09 PAGE
TS Series



13 PAGE
TSC Series



14 PAGE
SD2 Series



HD TV SPORTS

BROADCAST LIGHTING

TV体育转播照明



ANTI-GLARE 减少眩光

In high pole lighting applications, glare has always been a problem that can not be ignored. Pccooler's stadium light can effectively reduce glare through a professional optical design, to make light distribution even.

在高架照明中，眩光始终是个不可忽视的问题。超频三球场灯经过专业的光学设计，光分布均匀，有效减少眩光。



HD TV SPORTS BROADCASTING 转播级照明

Lighting Solution for HD TV Sports Broadcasting This series of stadium lights have high efficient lumen output, higher vertical illumination level. CRI>90, TLCI>90, CCT: 5700K, Flicker free, can meet the requirements of HD TV broadcast for sports events.

本系列球场灯拥有高效的光照输出，更高的垂直照度等级，CRI > 90，TLCI > 90，色温5700，无闪烁，完美满足国内及国际赛事高清转播需求。



HIGH DEGREE OF PROTECTION 高防护等级

Waterproof: IP66 Wind Resistance: Anti-17-level wind power, suitable for harsh outdoor environment.

灯具防护等级IP66，抗17级风力，无惧恶劣的户外环境。



PROFESSIONAL LIGHTING DESIGN 专业配光

Pccooler's stadium lights, with a variety of reflector and lens in different beam angle as option, can meet the demands of different applications.

超频三球场灯系列的反光杯，透镜拥有多种角度可供选择，可以满足不同场合的应用需求。



ADVANCED COOLING 先进散热

Combined different types of lamp, plus professional cooling system (fin cooling or heat pipe riveting fin cooling), reduce lumen depreciation, extend the lifespan of lamp.

结合照明灯具类型，配置专业的散热系统（鳍片式散热或热管铆接鳍片散热）减少光衰，延长整灯使用寿命。



ENERGY EFFICIENT 高效节能

The energy-saving effect is remarkable. Under the same conditions, LED light can save more than 50% energy than high pressure sodium lamp. The lower energy consumption, but better performance of lumen output.

节能效果显著，同等条件下，较高压钠灯有效节能≥50%，更低的能耗可以实现更大的光照。

CP-SPL02 500W-1600W



1600W
CP-SPL02-1600



500W
CP-SPL02-0600

3D ROTATING BRACKET 立体式旋转支架



Installation Method 安装方式

适用于/Application: CP-SPL02-0600



Suitable for large area installation
适用于大面积安装条件

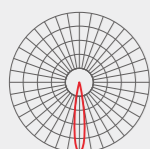


Suitable for small area installation
适用于小面积安装条件

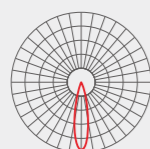


Suitable for round pole installation
适用于圆形灯杆安装条件

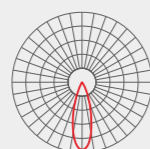
PROFESSIONAL LIGHT DISTRIBUTION 专业配光



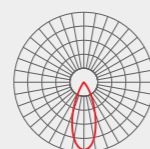
CP-SPL02-1600
15°



CP-SPL02-0600
20°



CP-SPL02-1600
30°



CP-SPL02-0600
40°



Protection grade IP66
防护等级IP66



Anti-Level-17 hurricane
抗17级风力



Impact grade IK08
抗冲击IK08

AL-SPL01 550W-1200W



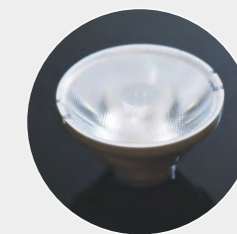
1200W
AL-SPL01-1200



550W
AL-SPL01-0600

INDEPENDENT LENS MAKE PRECISE LIGHT DISTRIBUTION

独立透镜 精准配光



An independent PMMA optical lens, precise light distribution, effectively inhibit glare and scattered light.

独立PMMA级光学材料透镜，精准配光，有效抑制眩光与散射光。

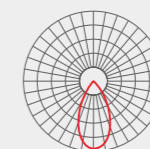
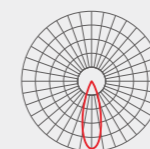
3D ROTATING BRACKET 立体式旋转支架



Three-dimensional rotary stent design, horizontal, vertical adjustable, with a clear scale table, angle adjustable as demands.

立体式旋转支架设计，横向、纵向可调节，带清晰刻度表，光随心动。

PROFESSIONAL LIGHT DISTRIBUTION 专业配光



Protection grade IP66
防护等级IP66



Anti-Level-17 hurricane
抗17级风力



Impact grade IK08
抗冲击IK08

型号 MODEL	功率 POWER(W)	总光通量 TOTAL FLUX(LM)	输入电压 INPUT VOLTAGE	功率因数 PF	色温 CCT(K)	显色指数 CRI	LED R9	发光角度 BEAM ANGLE
CP-SPL02-0600	500	52250	100-277VAC 50/60Hz	> 0.95	5700	Ra > 80	> 20	窄/中/宽 Narrow/Middle/Wide
CP-SPL02-1600	1600	160000	100-277VAC 50/60Hz	> 0.95	5700	Ra > 80	> 20	窄/中/宽 Narrow/Middle/Wide

型号 MODEL	功率 POWER(W)	总光通量 TOTAL FLUX(LM)	输入电压 INPUT VOLTAGE	功率因数 PF	色温 CCT(K)	显色指数 CRI	LED R9	发光角度 BEAM ANGLE
AL-SPL01-0600	550	52250	100-277VAC 50/60Hz	> 0.95	5700	Ra > 90	> 20	窄/中/宽 Narrow/Middle/Wide
AL-SPL01-1200	1200	114000	100-277VAC 50/60Hz	> 0.95	5700	Ra > 90	> 20	窄/中/宽 Narrow/Middle/Wide

TS 250W-1200W



1000-1200W
TSA1200



500W
TS500



250W
TS250

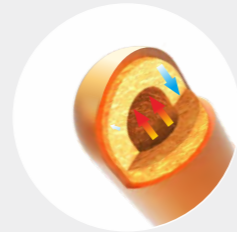
MASSIVE RADIATION FINS 大面积鳍片散热



Lightweight fin cooling, cooling area, effectively extending the service life of lamps.

轻巧鳍片式散热，散热面积大，有效延长灯具使用寿命。

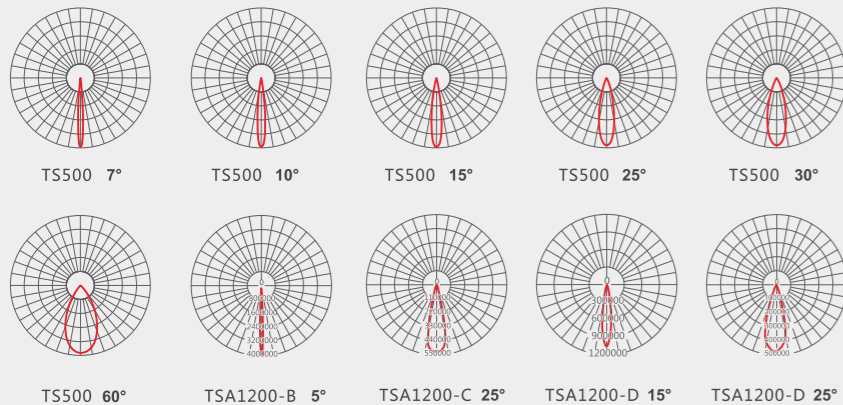
COPPER HEATPIPE 纯铜热管



The heat conductivity coefficient could reach the order of magnitudes of $10^5 \text{W/m} \cdot \text{K}$, which is hundreds of times and even thousands of time of common metallic material.

导热系数可达 $10^5 \text{W/m} \cdot \text{K}$ 的数量级，为一般金属材料的数百倍乃至上千倍。

PROFESSIONAL LIGHT DISTRIBUTION 专业配光



Protection grade IP67
防护等级IP67



Anti-Level-17 hurricane
抗17级风力



Impact grade IK07
抗冲击IK07



型号 MODEL	功率 POWER(W)	总光通量 TOTAL FLUX(LM)	输入电压 INPUT VOLTAGE	功率因数 PF	色温 CCT(K)	显色指数 CRI	LED R9	发光角度 BEAM ANGLE
TS250	250	20750	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	> 0	7°/10°/15° 25°/30°/60°
TS500	500	40500	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	> 0	25°/30°/60°
TSA1200-B	1000	76600	90-305VAC 50/60Hz	> 0.95	5700	Ra > 80	> 0	5°
	1200	85440	90-305VAC 50/60Hz	> 0.95	5700	Ra > 80	> 0	5°
TSA1200-C	1200	93720	90-305VAC 50/60Hz	> 0.95	5700	Ra > 80	> 0	15°
	1200	89160	90-305VAC 50/60Hz	> 0.95	5700	Ra > 80	> 0	25°
TSA1200-D	1200	115800	90-305VAC 50/60Hz	> 0.95	5700	Ra > 80	> 0	15°
	1200	114360	90-305VAC 50/60Hz	> 0.95	5700	Ra > 80	> 0	25°

PROFESSIONAL SPORTING EVENTS LIGHTING

专业体育赛事照明



ANTI-GLARE

减少眩光

In high pole lighting applications, glare has always been a problem that can not be ignored. PCcooler's stadium light can effectively reduce glare through a professional optical design, to make light distribution even.

在高架照明中，眩光始终是个不可忽视的问题。超频三球场灯经过专业的光学设计，光分布均匀，有效减少眩光。



PROFESSIONAL LIGHTING DESIGN

专业配光

PCcooler's stadium lights, with a variety of reflector and lens in different beam angle as option, can meet the demands of different applications.

超频三球场灯系列的反光杯/透镜拥有多种角度可供选择，可以满足不同场合的应用需求。



OUTDOOR SPORTS LIGHTING

室外体育照明

This series of stadium lights have high efficient lumen flux output(CRI> 70, CCT: 5700K), can meet requirements of outdoor amateur competition and professional training lighting filed.

本系列球场灯拥有高效的光照输出，CRI > 70，色温5700，能满足室外业余比赛、专业训练照明需求。



ADVANCED COOLING

先进散热

Combined different types of lamp, plus professional cooling system (fin cooling or heat pipe riveting fin cooling), reduce lumen depreciation, extend the lifespan of lamp.

结合照明灯具类型，配置专业的散热系统（鳍片式散热或热管铆接鳍片散热），减少光衰，延长整灯使用寿命。



HIGH DEGREE OF PROTECTION

高防护等级

Waterproof: IP67 Wind Resistance: Anti-17-level wind power, suitable for harsh outdoor environment.

灯具防护等级IP67，抗17级风力，无惧恶劣的户外环境。



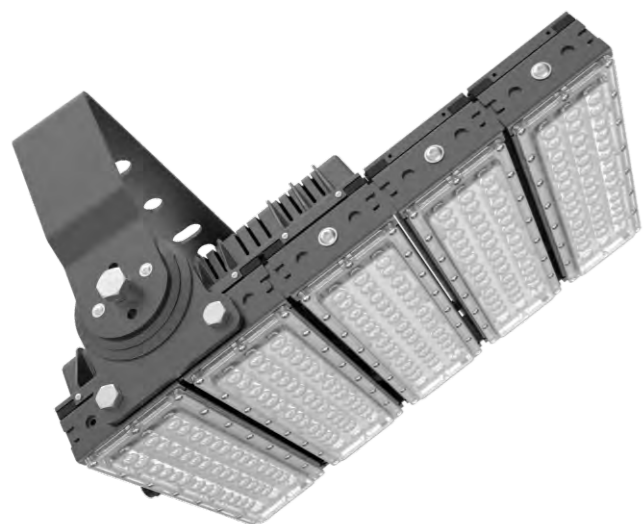
ENERGY EFFICIENT

高效节能

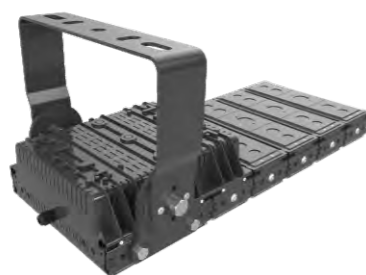
The energy-saving effect is remarkable. Under the same conditions, LED light can save more than 50% energy than high pressure sodium lamp. The lower energy consumption, but better performance of lumen output.

节能效果显著，同等条件下，较高压钠灯有效节能≥50%，更低的能耗可以实现更大的光照。

TSC 300W-500W



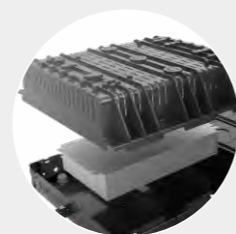
300-420W
TSC-A



350-500W
TSC-B

Independent driver box design, is conducive to dissipate heat of lamp body, reduce lumen depreciation, to extend lifespan of light.

独立电源盒设计，有利于灯体散热，减少光衰，延长使用寿命。



Adjustable bracket, with a clear scale, 270° angle adjustable, Adjust as you want.

可调节支架，带清晰刻度表，270°角度可调节，光随心动。



Protection grade IP67
防护等级IP67

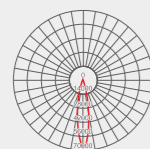


Anti-Level-17 hurricane
抗17级风力

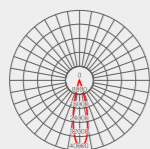


Impact grade IK10
抗冲击IK10

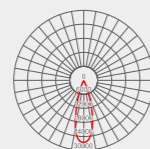
PROFESSIONAL LIGHT DISTRIBUTION 专业配光



TSC-7 15°



TSC-7 25°



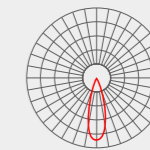
TSC-7 30°

型号 MODEL	功率 POWER(W)	总光通量 TOTAL FLUX(LM)	输入电压 INPUT VOLTAGE	功率因数 PF	色温 CCT(K)	显色指数 CRI	发光角度 BEAM ANGLE
TSC-5A	300	39000	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	15°/25°/30°
TSC-5B	350	43750	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	15°/25°/30°
TSC-6A	360	46800	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	15°/25°/30°
TSC-6B	420	52500	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	15°/25°/30°
TSC-7A	420	54600	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	15°/25°/30°
TSC-7B	500	62500	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	15°/25°/30°

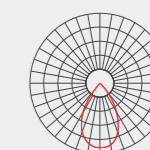
SD2 180W-300W



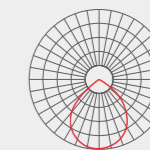
PROFESSIONAL LIGHT DISTRIBUTION 专业配光



SD2 30°



SD2 60°



SD2 90°



Protection grade IP67
防护等级IP67



Anti-Level-17 hurricane
抗17级风力



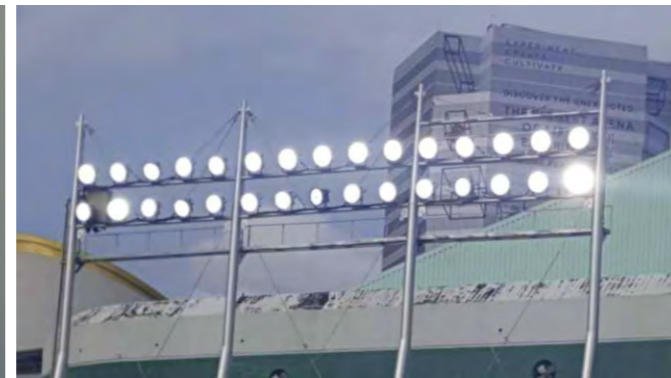
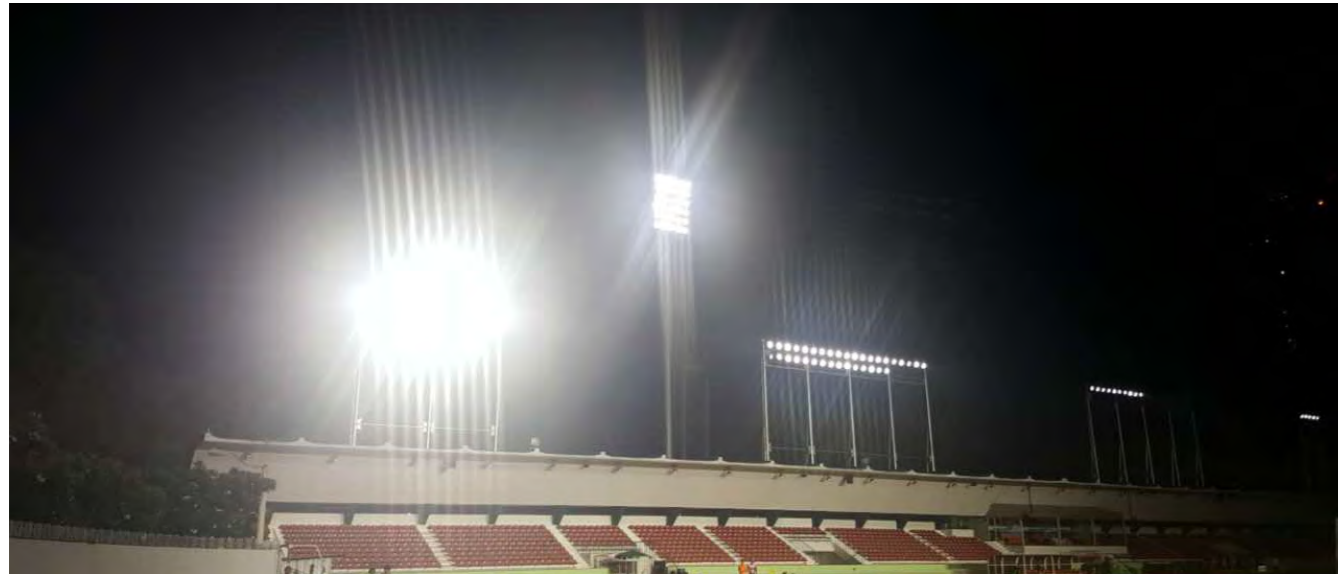
Impact grade IK10
抗冲击IK10

型号 MODEL	功率 POWER(W)	总光通量 TOTAL FLUX(LM)	输入电压 INPUT VOLTAGE	功率因数 PF	色温 CCT(K)	显色指数 CRI	发光角度 BEAM ANGLE
SD2-3	180	21600	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	30°/60°/90°
SD2-4	240	28800	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	30°/60°/90°
SD2-5	300	36000	90-305VAC 50/60Hz	> 0.95	5700	Ra > 70	30°/60°/90°

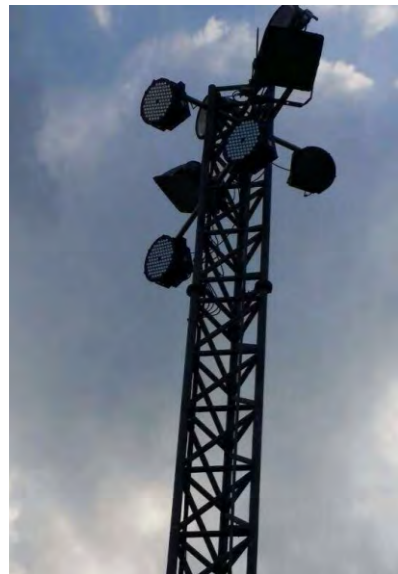


CASE
案例

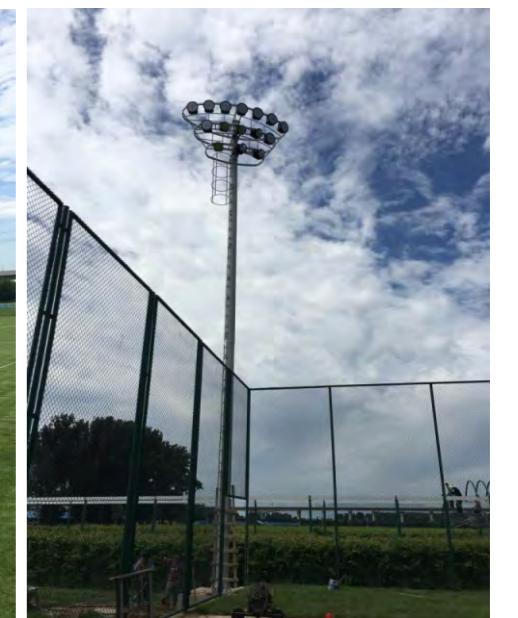
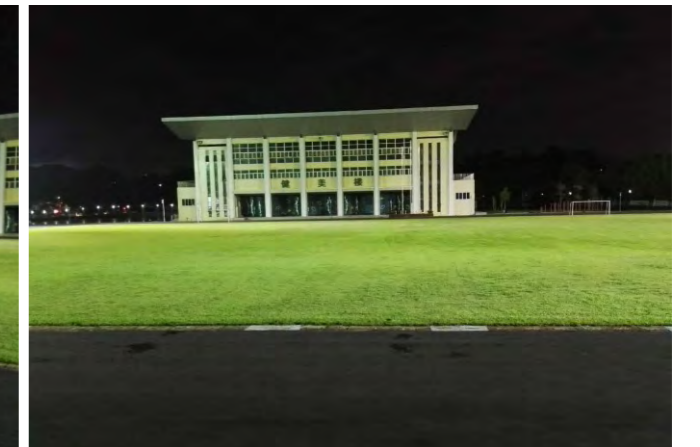
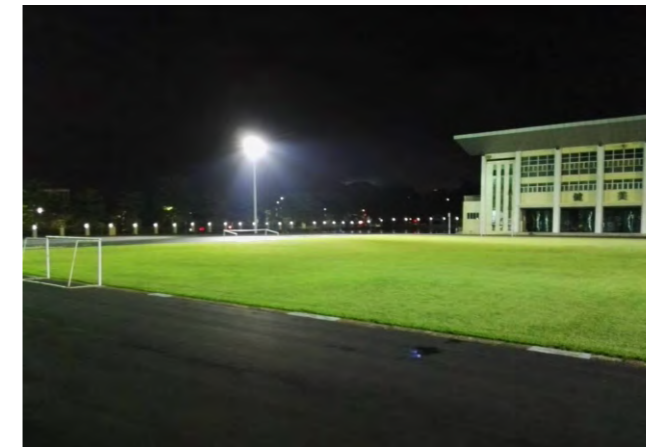
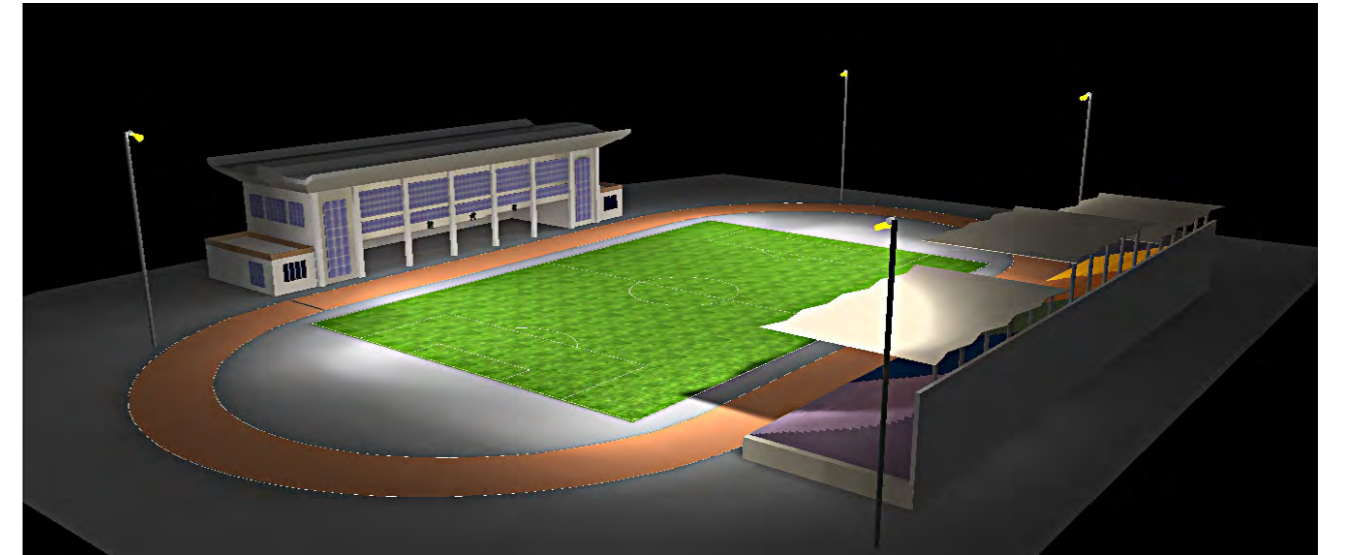
- Professional and TV broadcast stadium lighting solution
专业及电视转播级体育馆照明方案



- Golf Course Lighting Program
高尔夫球场照明方案

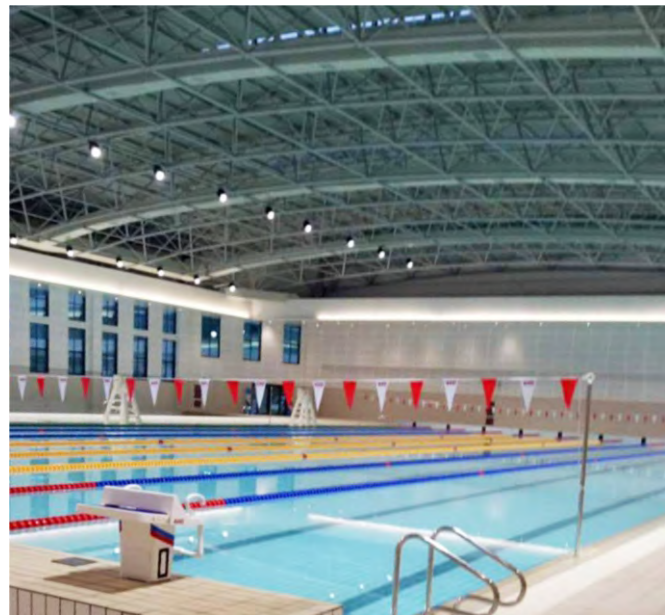
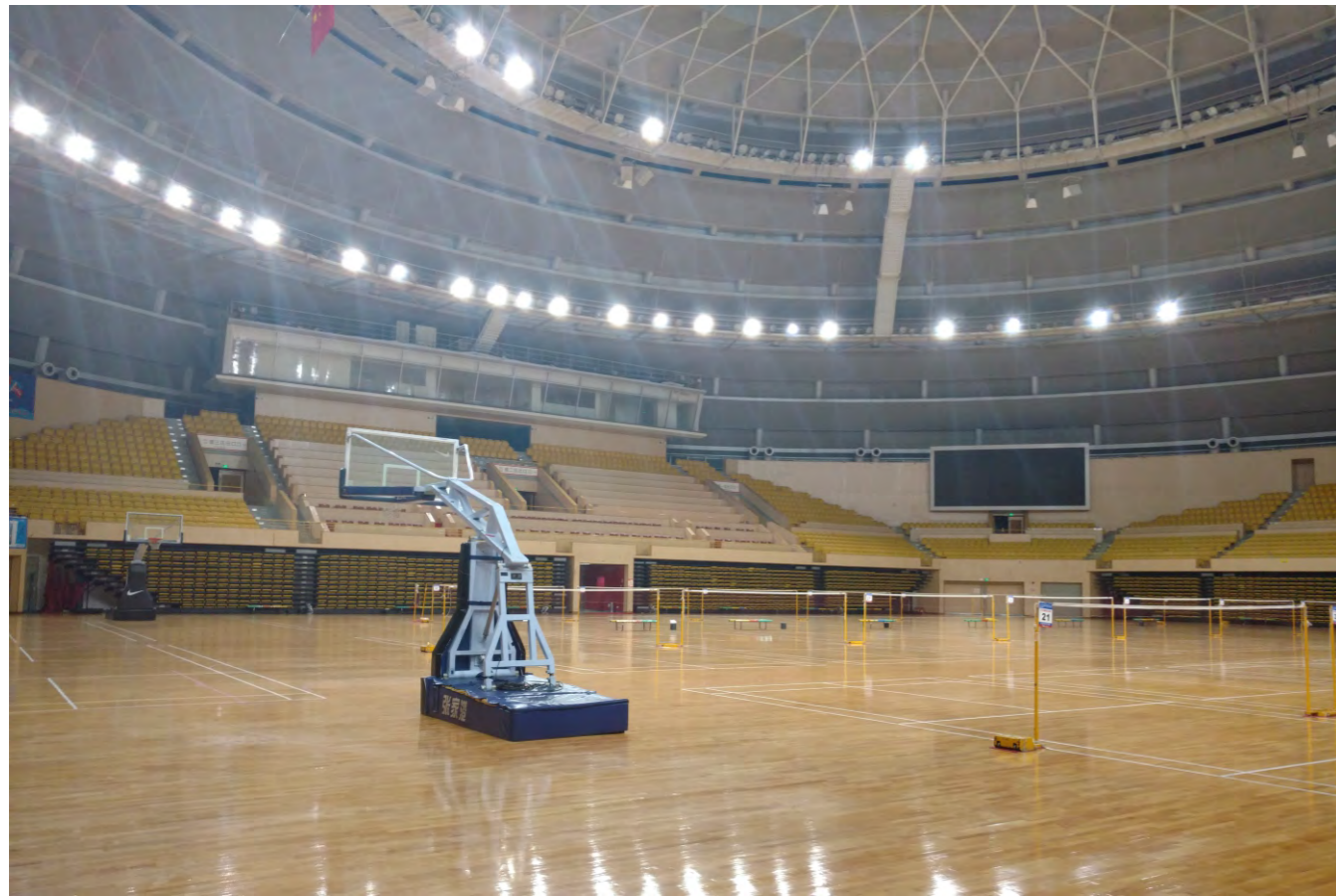


- Entertainment and amateur gym lighting program
娱乐及业余体育馆照明方案



CASE
案例

● Indoor Stadium Lighting
室内体育场馆照明



● Outdoor Stadium Lighting
室外体育场所照明

