



Lighting an outdoor basketball/multi-sports court

Playing courts designed for multi-sports should ensure that their proposed lighting considers the needs of all the various sports to be played. Care must be taken to ensure that the lighting design produces uniformity of the required illumination and that glare and light pollution are minimized.

If the playing court is to be employed at evening and nighttimes; it may be advisable to foresee a floodlighting system with lighting towers possibly with light directed towards the free throws midline; this will avoid glare problems to players from the sidelines. Appropriate care should be taken to distribute lighting as uniformly as possible on the playing court; lighting capacity should actually be adjustable according to requirements and when applicable the different competitions being hosted.

Source: Society of Light and Lighting UK.

Outdoor playing court lighting recommendations

EN12193 Requirements

	Class		
	I	II	III
Horizontal Illuminance (Lux)	500	200	75
Uniformity (Min/Ave)	0.7	0.6	0.5
Glare Rating	50	50	55

Luxtronik offers Basketball LED lighting that emits bright, uniform illumination. Our high-quality LED luminaires are lighting many basketball and multisport outdoor courts around the world.

Recommended Products



PANDORA (MFL)
50-600w



APOLLO (FL)
60-800w



JUPITER (FLS)
400-1500w

For more information or project and lighting design support, please contact our team sales@luxtronik-tech.com