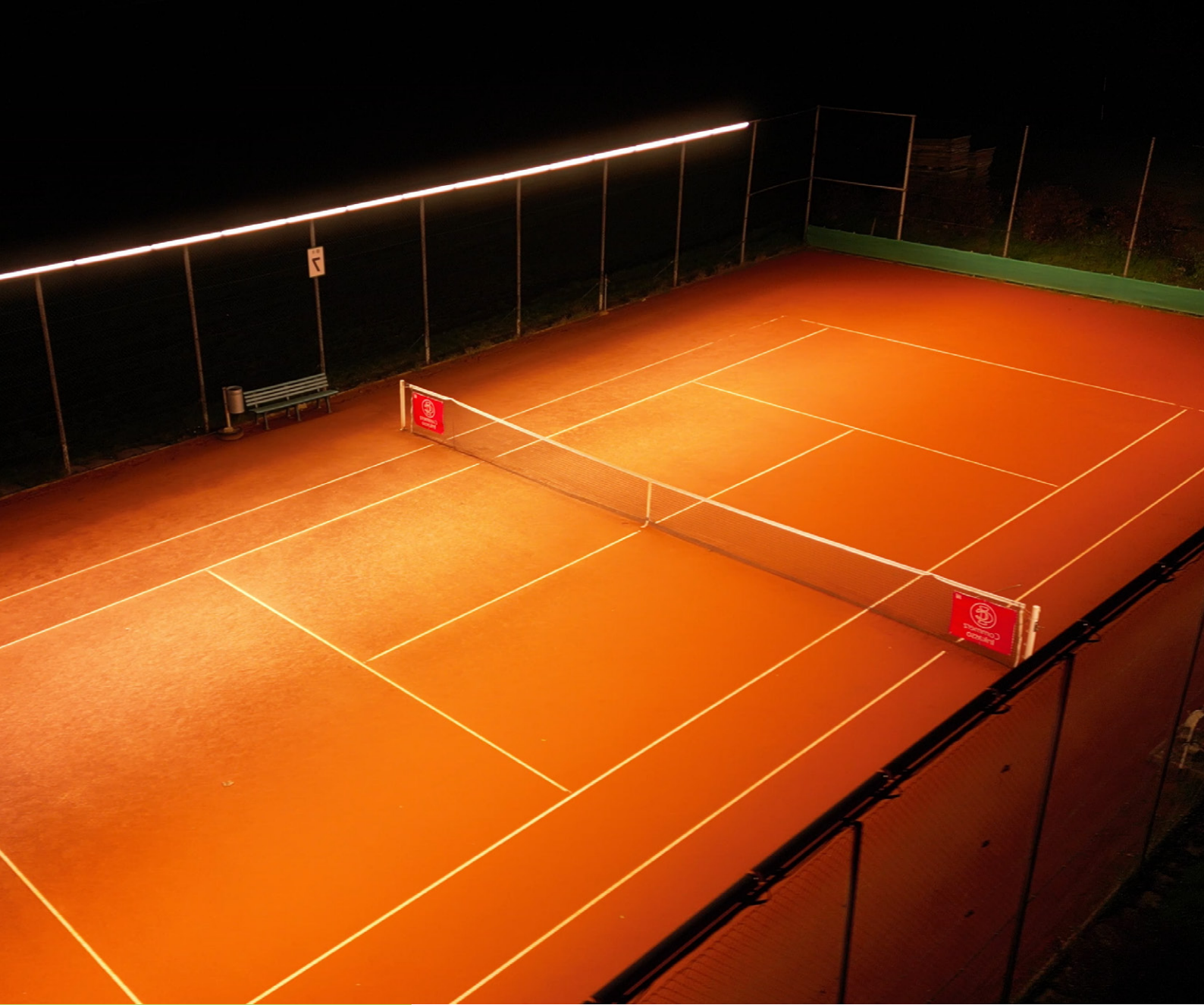


SYSTEMATIC QUALITY



## TENNIS COURT LIGHTING

Sustainably illuminated. Perfectly played.

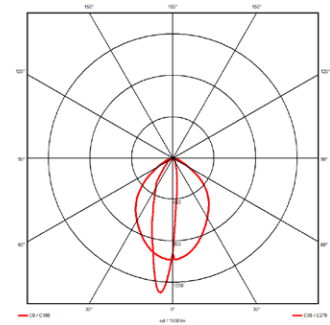


## Court Beam LED

Efficient area lighting for low mounting heights



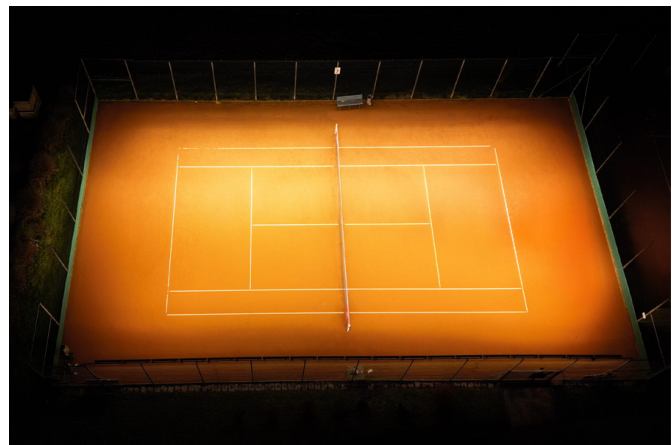
Light intensity distribution



The Court Beam LED, with its linear asymmetric optics, offers an optimal lighting solution for sports facilities by producing soft light with improved uniformity. A key advantage of this technology is the installation at a height of approximately 4 meters, which is significantly easier compared to traditional floodlights on high masts. This reduces material and labor costs and simplifies maintenance considerably. The integrated light control ensures even illumination, providing players with clear visibility. Additionally, the Court Beam LED delivers full light output instantly, generates minimal heat, and operates in a wide temperature range from  $-30^{\circ}\text{C}$  to  $+45^{\circ}\text{C}$ . The technology is free from UV and IR radiation and is characterized by its resistance to shock and vibration, making it particularly durable and efficient. This modern lighting solution combines high energy efficiency, flexible installation, and exceptional performance.

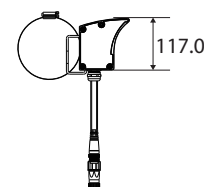
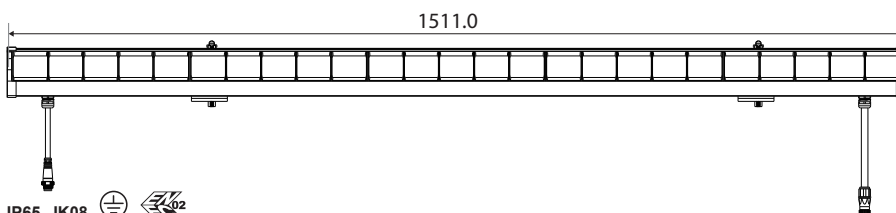
### Technical data

System performance	60W/80W
Operating Voltage	220 - 240VAC
LED Efficiency	bis 150lm/W
CRI-Index	Ra > 70
Operating life (L80/B10)	> 80.000h
Temperature range for operation	$-30^{\circ}\text{C}$ bis $+45^{\circ}\text{C}$
Integrated thermal management	yes
Housing material	aluminum
Housing colour	gray
Type of protection	IP65
Protection class	I
Degree of protection against mechanical damage	IK08
Weight	4,5 kg
Dimensions (W x H x D)	1511 x 117 x 83 mm



Tennis court lighting from GIFAS ELECTRIC meets the highest quality standards and enables compliant and cost-efficient lighting of tennis courts according to EN 12193 (lighting of stadiums, sports fields, and sports halls). Thanks to the innovative LED technology of our Court Beam LED combined with two asymmetric lens types, optimal lighting for single or double courts is ensured.

The special feature: No foundations, cranes, lifting platforms, or masts are required for installation. The Court Beam LED can be easily attached to the 4-meter-high fence of the respective tennis court using metal clamps. The maintenance-free LED lights impress with low power consumption, a lifespan of 80,000 hours, ideal light distribution, and low operating costs. Our lighting specialists plan each system individually according to your needs and achieve optimal results thanks to their extensive experience.

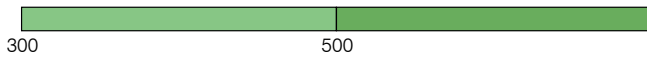
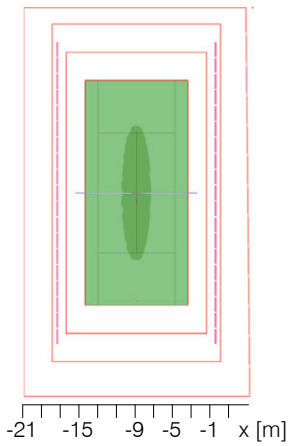


IP65 IK08



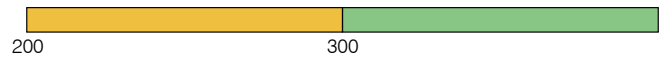
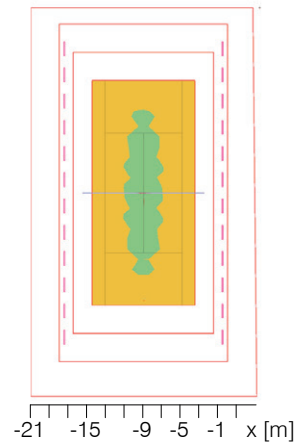
Single courts

**Class 2 (300 lx)**



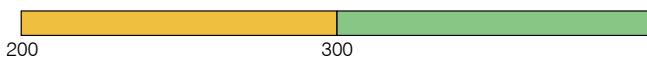
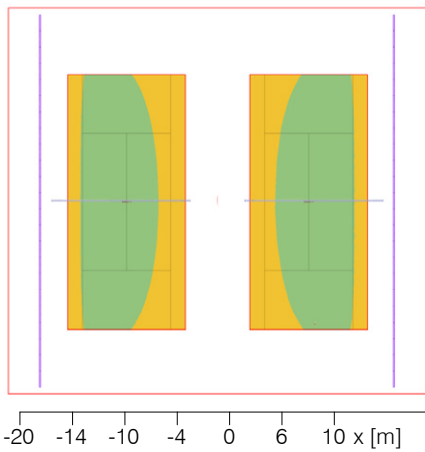
Average illuminance      Em      442 lx  
Consistency                      Uo      0.74

**Class 3 (200 lx)**

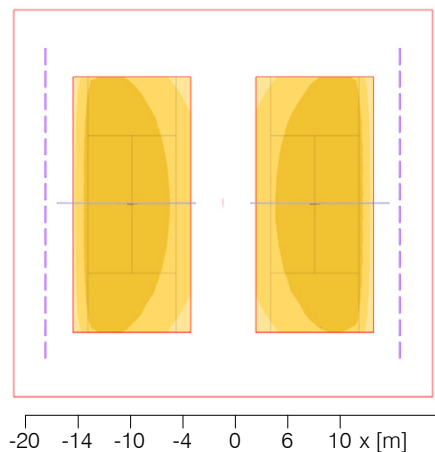


Average illuminance      Em      271 lx  
Consistency                      Uo      0.76

Double courts



Average illuminance      Em      310 lx  
Consistency                      Uo      0.70



Average illuminance      Em      212 lx  
Consistency                      Uo      0.64



Scan the QR code and find out more about tennis court lighting!

## CONTACT US

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