

greenius®

LED-AREALIGHT SPORT-SERIES



BEAM ANGLE AND OPTICS

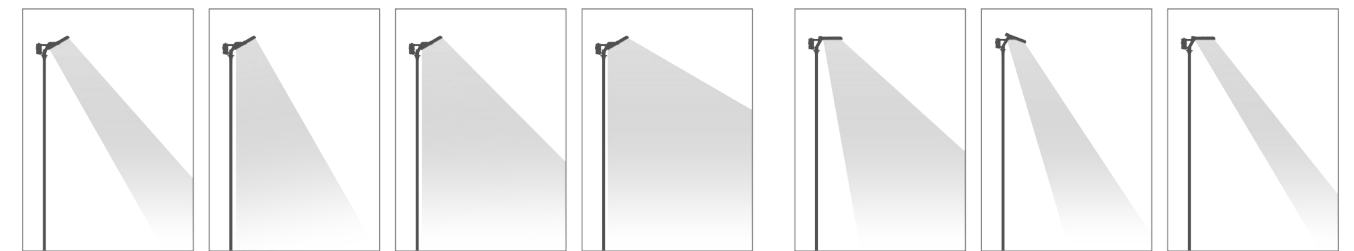
greenius® offers sophisticated LED lighting solutions for every outdoor area. Pole-mounted, surface-mounted, recessed or surface-mounted... thanks to freely selectable mounting systems and optics with symmetrical or asymmetrical beam angles, our luminaires are highly flexible and suitable for any application.

Symmetric light distribution

- Mounting in the centre of the light cone
- uniform light distribution

Asymmetrical light distribution

- optimised light control (away from the mounting point)
- minimised glare or stray light
- excellent light output



12° (F01)

30° (F04)

45° (F05)

60° (F06)

38°x100° (F02)

27°x110° (F03)

14°x108° (F08)

We offer optical lenses with different beam characteristics that can be combined in any way to achieve the best possible illumination for any application.

ACCESSORIES

Our extensive range of mounting brackets, pole attachments and adapters offers the right solution for every type of installation.



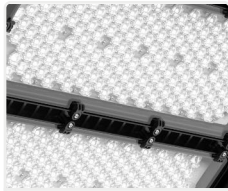
Aiming device (incl. Laser)

SPORT-AIM

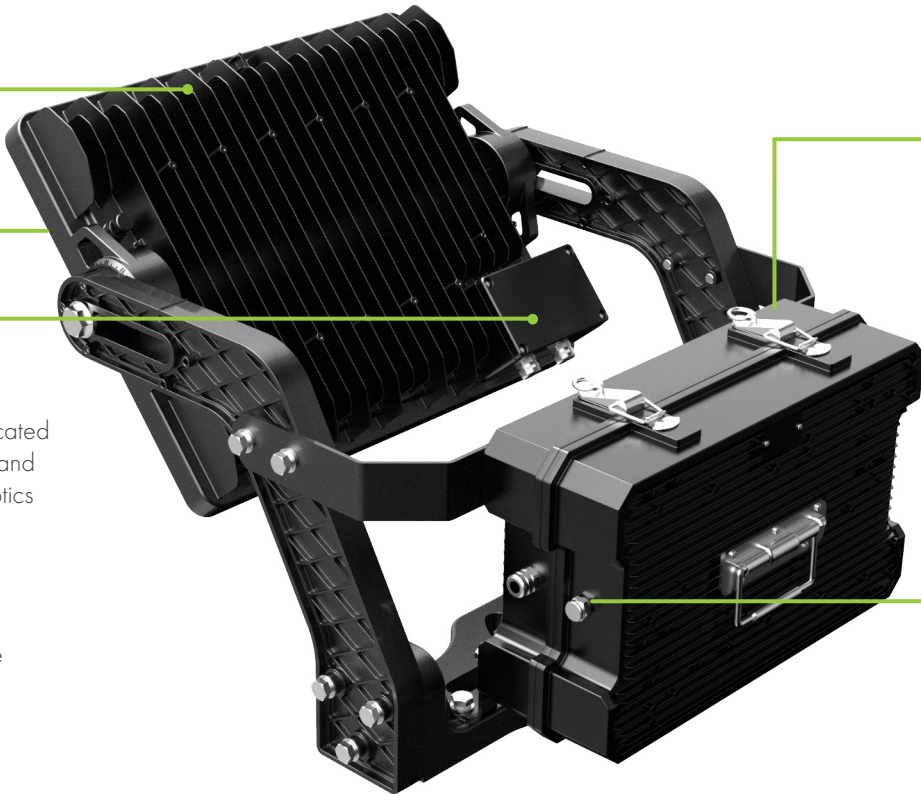


Aiming device holder

SPORT-AIM-HOLDER




Selectable optics for best possible light distribution




One-piece die-cast aluminium heat sink, compact yet robust, surface with outdoor powder coating, good corrosion and saltwater resistance.

Fast connection connector box with IP67 stainless steel cable gland




Integrated or separate Driver-box available




Membrane on light and driver-box prevents fogging and moisture problems


SERIES OF THE SPORT SERIES




AREA-SPORT -600 | -800



AREA-SPORT -1K0 | -1K2



AREA-SPORT -600 | -800



AREA-SPORT -1K0 | -1K2

PRODUCT DATA

Power	600 Watt	800 Watt	1,000 Watt	1,200 Watt	600 Watt	800 Watt	1,000 Watt	1,200 Watt
Product measurements (L x W x H)	731 x 597 x 356 mm		825 x 597 x 356 mm		731 x 597 x 356 mm		825 x 597 x 356 mm	
Luminous flux	≤ 84,000 Lumen	≤ 112,000 Lumen	≤ 140,000 Lumen	≤ 168,000 Lumen	≤ 96,000 Lumen	≤ 128,000 Lumen	≤ 160,000 Lumen	≤ 192,000 Lumen
Efficiency	≤ 140 Lumen / Watt				≤ 160 Lumen / Watt			
Lighting Characteristics	ASYMMETRIC LIGHT DISTRIBUTION (WB): 38° x 100° 27° x 110° 14° x 108°				SYMMETRICAL LIGHT DISTRIBUTION (NB): 12° 30° 45° 60°			
LED-Chip Brand Type	SMD3737				SMD5050			
LED-Modules number of LEDs	2 276 Pieces	2 368 Pieces	3 480 Pieces	3 552 Pieces	2 276 Pieces	2 360 Pieces	3 480 Pieces	3 540 Pieces
LED-Driver (programmable)	SS-600VP-190DH		2 x SS-600VP-190DH		SS-600VP-190DH		2 x SS-600VP-190DH	
Material: Housing Cover	Die-cast aluminium (powder-coated) highly translucent PC (polycarbonate)							
Colour Rendering Index (CRI)	> 70 Ra > 80 Ra > 90 Ra (TLCI >91 bei CRI >90a)							
Useful life (lumen maintenance)	Ta 25°C = 178,000 Hours (L70) 110,000 Hours (L80) 53,000 Hours (L90)							
IP- und IK-Classification	IP66 IK08 Snow load 400 kg/m2							
Options	0-10 V DALI 2 DMX RDM ZIGBEE WIRELESS							
Ambient temperature (ta)	-30 °C to +50 °C							
Correlated Colour Temperature (CCT)	daylight white: 5K daylight white+: 5.7K neutral white: 4K warm white: 3K							
Colour matching deviation	SDCM < 5							
Certification (LED / Treiber)	CE (LVD) CE (EMC) Rohs (2011/65/EC) ENEC SAA LM79 UL CUL CB IK08 500 hours salt water spray test ...							
Voltage	100 - 240 VAC 50/60 Hz Surge protection 20KV							
Item number	SPORT-600 WB	SPORT-800 WB	SPORT-1K0 WB	SPORT-1K2 WB	SPORT-600 NB	SPORT-800 NB	SPORT-1K0 NB	SPORT-1K2 NB
Weight	26 kg	29,8 kg	33,2 kg	33,2 kg	26 kg	29,8 kg	33,2 kg	33,2 kg