

SCHMIDT
STRAHL



LED Area- and Floodlight

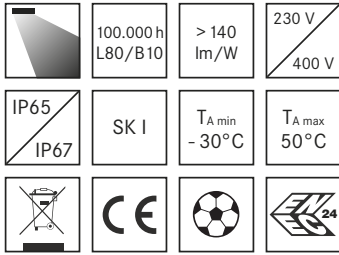
for sports field
and area lighting

NEW
TECHNOLOGY



PSH-137...

LED Area- and Floodlight new lighting technology BE / BB



Areas of application

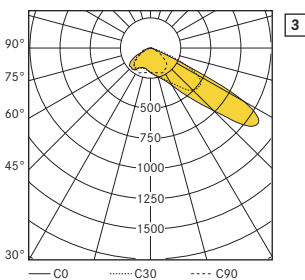
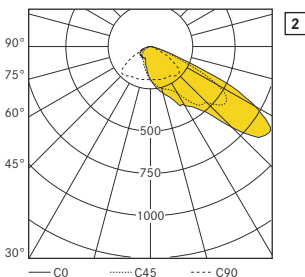
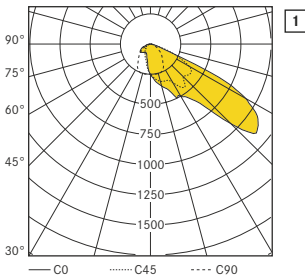
Stationary lighting of sports facilities, parking areas, storage areas in industrial establishments, construction sites and port facilities, supervised areas and airports.



230V
400V

PSH-137620

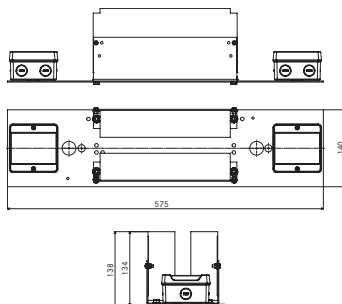
NEW TECHNOLOGY



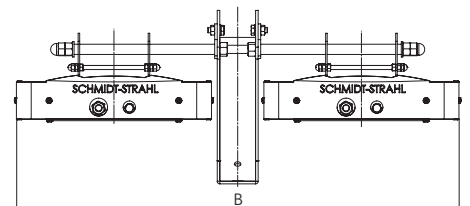
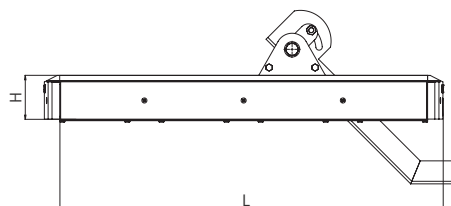
Product name	PSH-137620 BE or BB	PSH-137620	PSH-137420
Luminous intensity distribution	Asymmetrical	Asymmetrical	Asymmetrical
Beam angle	BE / BB	58°	58°
System output	1200 W - 1500 W*	1200 W	800 W
Luminous flux	168.000 lm - 210.000 lm	163.000 lm	112.000 lm
Colour temperature	4000 K**	4000 K**	4000 K**
Weight	28 kg	28 kg	23,5 kg
Dimensions (L/W/H)	780 / 850 / 81 mm	780 / 850 / 81 mm	627 / 850 / 81 mm
A _w Area exposed to wind	0,1 qm	0,1 qm	0,08 qm
LDC	BE 1 BB 2	3	3

Input voltage	230 / 400 V
Input frequency	50 Hz
Light modulation	No flickering < 5 %
Luminaire luminous efficacy	> 140 lm/W
Housing	Housing and heat sink made of aluminium, corrosion-resistant, with pressure equalisation element
Paintwork	Powder-coated inside and out, seawater-resistant, black RAL 9005
Cover	Single-pane safety glass (SSG), clear, flat, resistant to temperature changes
Supply cable	Mounted connection cable
Wiring	Ready for connection, temperature-resistant
Bracket and mounting bracket	Light bracket made of hot-dip galvanised steel
Colour rendering	CRI ≥ 80
Service life	≥ 100,000 h, L80/B10
Overtoltage protection	10 kv
Protection class Luminaire	IP65 on-top, IP67 for pole mounting
Protection class	I
Temperature range	-30 to +50°C
Converter type	Constant current, intelligent converter, programmable and controllable, 0 - 100 %
Converter position	On gear tray for pole mounting for 800 W / 1200 W - 1500 W (standard) On-top mounting on the luminaire for 200 W / 400 W / 600 W (standard)
Available luminaire accessories	On gear tray for pole mounting for 200 W / 400 W / 600 W (on request) On-top mounting on the luminaire for 800 W / 1200 W - 1500 W (on request) Bluetooth controller and control panel, shutters to minimise stray light, constant current converter, dimmable 1 - 10 V or DALI

*steplessly adjustable, ** 3000 K and 5000 K on request



Gear tray for pole mounting



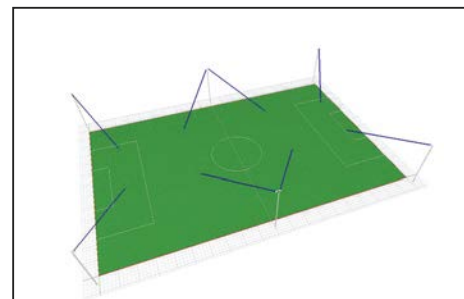
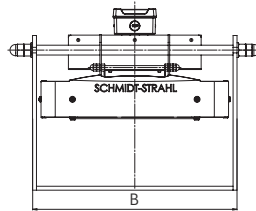
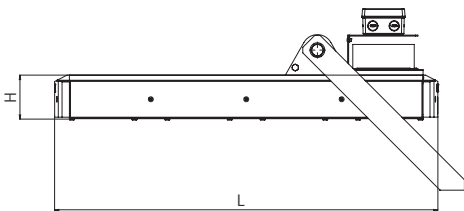


PSH-137310-on-Top

Product name	PSH-137310-on-Top			PSH-137210-on-Top			PSH-137110-on-Top		
Luminous intensity distribution	Asymmetrical			Asymmetrical			Asymmetrical		
Beam angle	58°			58°			58°		
System wattage	600 W			400 W			200 W		
Luminous flux (lm)	84000	81500	71000	56000	54330	47330	28000	27165	23665
Colour temperature	5000 K	4000 K	3000 K	5000 K	4000 K	3000 K	5000 K	4000 K	3000 K
Weight on-top	19 kg			13,5 kg			8,5 kg		
Dimensions (L/W/H)	780 / 381,5 / 81 mm			627 / 381,5 / 81 mm			346 / 381,5 / 81 mm		
A _w Area exposed to wind	0,05 qm			0,04 qm			0,03 qm		



Blende



Sports field class III, Em 75lx – Uo 0.5

- Lamp: PSH-137620...
- Equipment: 1200 W
- Number of lamps: 8 pcs.
- Installation height: 16 m
- Maintenance factor: 0.9
- Average illuminance Em: 110 lx
- Uniformity Uo: 0.75

LIGHTING

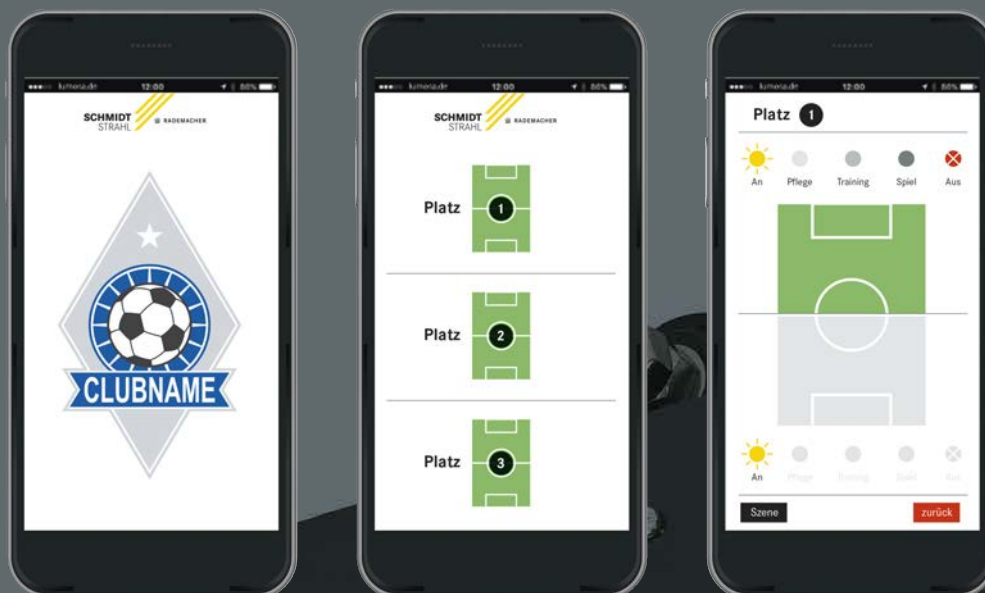
IS OUR SPORT.



Control of the LED floodlight lamps

- With our web-based control, you operate your lighting system via APP on your mobile phone, on your tablet or via our control panel.
- Additional energy saving through stepless dimming of the modern LED lighting, without loss of efficiency.
- Individual setting options of different light scenes for different games.
- Automatic adjustment of your lighting system through time and daylight control.
- Flexible expansion by integrating additional sports facilities or lamps.

We will be happy to advise you and plan your system together, taking into account all relevant regulations, and personalise YOUR APP for YOUR SPORTS FACILITY.



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