



## Floodlight Series 6521

- Can be used in Zone 2
- Available in 3 sizes
- Lamp options
  - Sodium vapour lamps up to 400 W
  - Halogen iodide lamps up to 400 W
  - Halogen lamps up to 1000 W
- Floodlight for upright mounting
- Aluminium enclosure
- Options
  - Pole mounting attachment
  - Reflectors, narrow or broad beam
  - Wire guard (only 6521/13)
  - Anti-dazzle (only 6521/13)

STAHL

### Selection table

Version	Description Lamp type	Lampholder	Power	Temp. class	Ordering code	Weight [kg]
<b>Floodlight for upright mounting</b> for use in Zone 2	for high-pressure sodium lamps	RX7s	70 W	T4	<b>6521/11-007-1-2-611</b>	5,1
		E 40	400 W	T3	<b>6521/12-040-1-2-611</b>	17
	for high-pressure iodide lamps	RX7s	70 W	T4	<b>6521/11-007-1-2-311</b>	5,1
		E 40	400 W	T3	<b>6521/12-040-1-2-311</b>	17
	for halogen lamps	E 40	500 W	T3	<b>6521/13-050-1-1-211</b>	10
		E 40	1000 W	T2	<b>6521/13-100-1-1-211</b>	10

**Add. to ordering code:** Specify rated voltage and frequency  
Specify options required

**Note:** The fittings are supplied without lamps, please order as accessories!

# Zone 2

Technical data			
Version	6521/11	6521/12	6521/13
Explosion protection	Ex II 3G EEx nR II T2 / T3 / T4; dependent on version; (Zone 2)	Ex II 3G EEx R II T2 / T3 / T4; dependent on version; (Zone 2)	Ex N II T3 / T2 dependent on version; (Zone 2)
Test certificate	BAS 99 ATEX 3008	BAS 99 ATEX 3007	BASEEFA Ex 78099 X
Rated voltage	200 V ... 254 V, 50 Hz or 210 V ... 254 V, 60 Hz	200 V ... 254 V, 50 Hz or 210 V ... 254 V, 60 Hz	110 ... 120 V, AC / DC or 220 ... 240 V, AC / DC
Ambient temperature	- 40 °C ... + 35 °C	- 30 °C ... + 40 °C	- 20 °C ... + 40 °C
Material			
Enclosure	Aluminium	Aluminium	Aluminium
Fixing elements	Stainless steel	Stainless steel	Stainless steel
Cover	Glass	Glass	Safety glass
Reflector	Aluminium, electropolished, smooth or embossed	Aluminium, electropolished, smooth or embossed	Aluminium, electropolished, smooth or embossed
Cable entries	1 M20 threaded hole	1 M20 threaded hole	1 plug M20
Connection	3 terminals for max. 6 mm <sup>2</sup>	3 terminals for max. 6 mm <sup>2</sup>	3 terminals for max. 4 mm <sup>2</sup>
Ballast	integral to fitting	integral to fitting	-
Mounting			
Operation position	Upright mounting: on bracket, defined inclination any	Upright mounting: on bracket, defined inclination any	Upright mounting: on bracket, defined inclination any
Power factor	cos φ 0,85 for discharge lamps	cos φ 0,85 for discharge lamps	-
Degree of protection	IP 66 / IP 67	IP 66 / IP 67	IP 66 / IP 67

Accessories and spare parts

Designation	Description				Ordering code	Weight [kg]
		Power	Tube	Thread		
High-pressure sodium lamps		70 W	tubular	RX7s	<b>461 890 0</b>	0,022
		400 W	tubular	E 40	<b>461 670 0</b>	0,21
High-pressure mercury lamps		70 W	tubular	RX7s	<b>461 891 0</b>	0,022
		400 W	tubular	E 40	<b>461 652 0</b>	0,19
Halogen lamps		500 W	tubular	E 40	<b>461 641 0</b>	0,15
		1000 W	tubular	E 40	<b>461 639 0</b>	0,15



Dimensions (in mm)

