

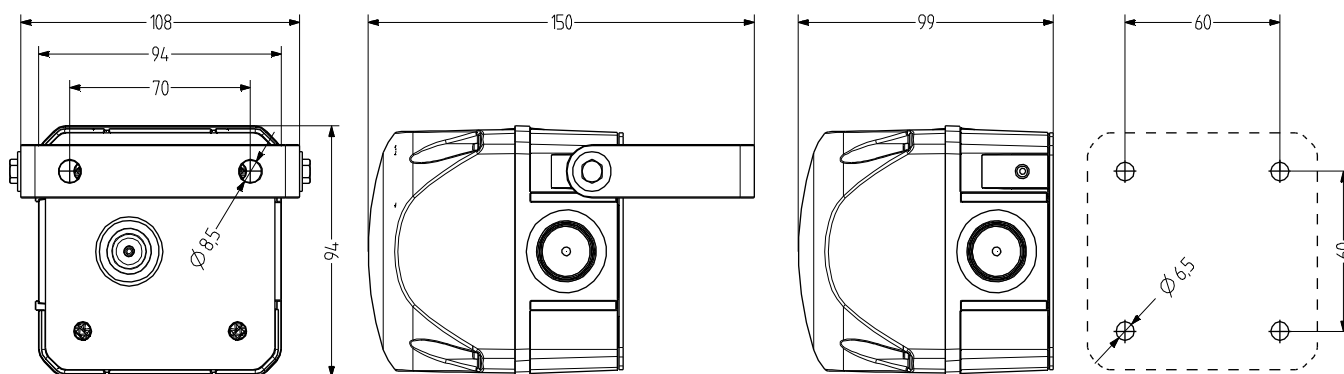
QBS LED multi strobe beacon

- 94 mm cubic-design LED multi-strobe beacon
- Very good frontal and lateral signalling effect
- Up to 150 cd luminous intensity
- High degree of protection IP 66 & impact resistance IK09

- Modern LED technology
- 4 different strobe patterns, can be switched externally
- For industrial and general applications
- Combinations of beacons and multi-tone alarm sounders possible



Internal diffuser and special lens pattern for optimal 360° signalling effect



TECHNICAL DATA

Housing	94 mm [square], Polycarbonate red (RAL 3000)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	Back: Grommet 5–10 mm, optional side cable entry with cable gland (on both sides) (accessory type AKV)
Connection technology	Screw/plug-in terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	LED multi strobe beacon

Light source	High Power LEDs
Strobe/flash frequency	Double strobe 1.4 Hz; 6× strobe 1.0 Hz; multi strobe
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK09
Weight	1,7 kg



QBS

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24-48 V AC/DC	18-53 V AC	0,170	874 171 408
		18-60 V DC		
	120-240 V AC	90-265	0,040	874 171 313
red	24-48 V AC/DC	18-53 V AC	0,170	874 172 408
		18-60 V DC		
	120-240 V AC	90-265	0,040	874 172 313
clear	24-48 V AC/DC	18-53 V AC	0,170	874 174 408
		18-60 V DC		
	120-240 V AC	90-265	0,040	874 174 313
blue	24-48 V AC/DC	18-53 V AC	0,170	874 175 408
		18-60 V DC		
	120-240 V AC	90-265	0,040	874 175 313
green	24-48 V AC/DC	18-53 V AC	0,170	874 176 408
		18-60 V DC		
	120-240 V AC	90-265	0,040	874 176 313
yellow	24-48 V AC/DC	18-53 V AC	0,170	874 177 408
		18-60 V DC		
	120-240 V AC	90-265	0,040	874 177 313



AMK



AB1



AG1



AKV

ACCESSORIES

Type	Type of accessory	Weight	Order number
AMK	Mounting set for combining several pieces of signalling equipment of the same size	10 g	874 010 900
AB1	Mounting set for metal bracket for mounting in any direction (e.g. on mounting platforms)		874 031 900
AG1	Flat seal for correct IP66 installation on smooth surfaces		874 021 900
AKV	Cable gland M20×1,5		698 800 026



Strobe

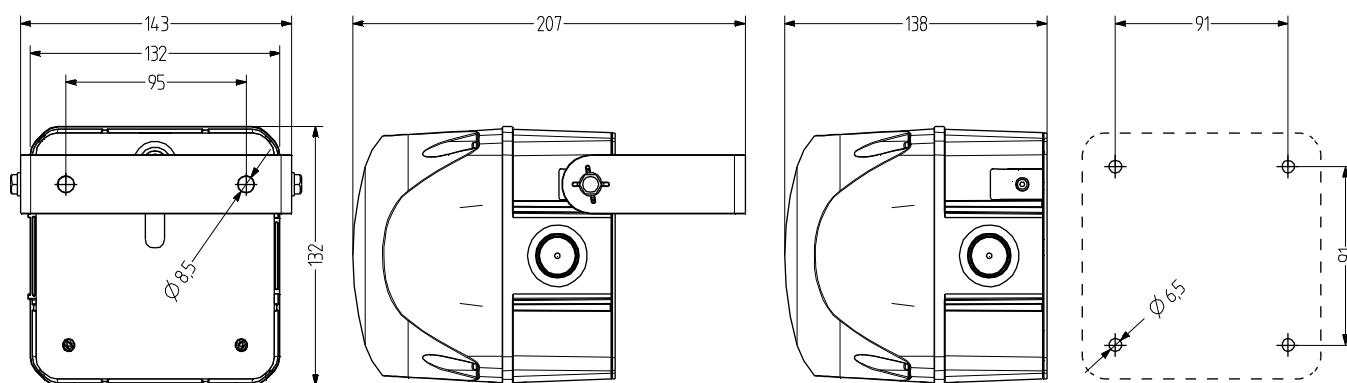
QBM LED multi strobe beacon

- 132 mm cubic-design LED multi-strobe beacon
- Very good frontal and lateral signalling effect
- Up to 150 cd luminous intensity
- High degree of protection IP 66 & impact resistance IK09

- Modern LED technology – 4 LEDs with diffuser lens
- 4 different strobe patterns, can be switched externally
- For industrial and general applications
- Combinations of beacons and multi-tone alarm sounders possible



Internal diffuser and special lens pattern for optimal 360° signalling effect



TECHNICAL DATA

Housing	132 mm (square), Polycarbonate red (RAL 3000)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	Back: Grommet 5–10 mm, optional side cable entry with cable gland (on both sides) (accessory type AKV)
Connection technology	Screw/plug-in terminal 2,5 mm ²
Leakage current	0,003 A
Beacon type	LED multi strobe beacon

Light source	High Power LEDs
Strobe/flash frequency	Double strobe 1.4 Hz; 6× strobe 1.0 Hz; multi strobe
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK09
Weight	1,7 kg



QBM

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24-48 V AC/DC	18-53 V AC	0,520	874 271 408
		18-60 V DC		
	120-240 V AC	90-265	0,120	874 271 313
red	24-48 V AC/DC	18-53 V AC	0,520	874 272 408
		18-60 V DC		
	120-240 V AC	90-265	0,120	874 272 313
clear	24-48 V AC/DC	18-53 V AC	0,520	874 274 408
		18-60 V DC		
	120-240 V AC	90-265	0,120	874 274 313
blue	24-48 V AC/DC	18-53 V AC	0,520	874 275 408
		18-60 V DC		
	120-240 V AC	90-265	0,120	874 275 313
green	24-48 V AC/DC	18-53 V AC	0,520	874 276 408
		18-60 V DC		
	120-240 V AC	90-265	0,120	874 276 313
yellow	24-48 V AC/DC	18-53 V AC	0,520	874 277 408
		18-60 V DC		
	120-240 V AC	90-265	0,120	874 277 313



AMK



AB2



AG2



AKV

ACCESSORIES

Type	Type of accessory	Weight	Order number
AMK	Mounting set for combining several pieces of signalling equipment of the same size	10 g	874 010 900
AB2	Mounting set for metal bracket for mounting in any direction (e.g. on mounting platforms)		874 032 900
AG2	Flat seal for correct IP66 installation on smooth surfaces		874 022 900
AKV	Cable gland M20×1,5		698 800 026



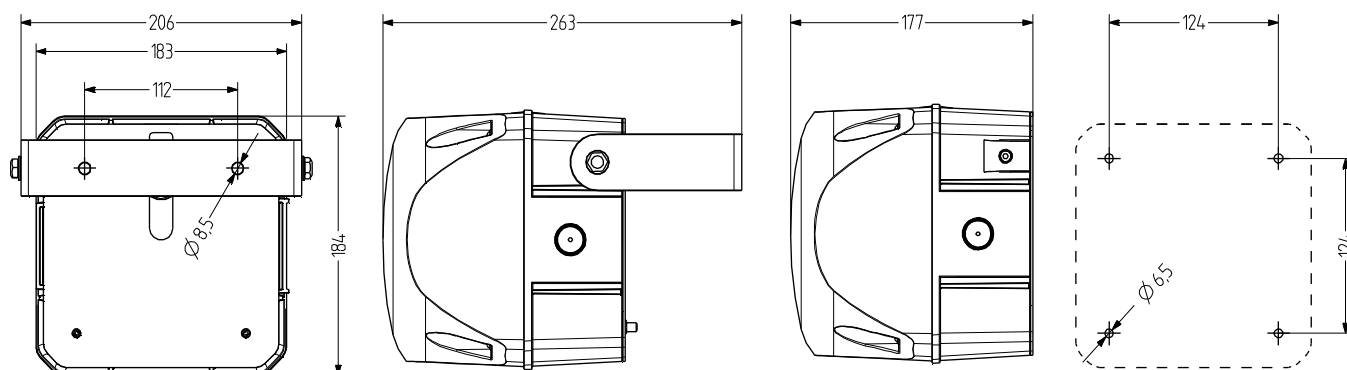
Strobe

QBL LED multi strobe beacon

- 184 mm cubic-design LED multi-strobe beacon
- Very good frontal and lateral signalling effect
- Up to 250 cd luminous intensity
- High degree of protection IP 66 & impact resistance IK09
- UV-stabilised material
- Modern LED technology – 6 high-power LEDs
- 3 different strobe patterns, can be switched externally
- For industrial and general applications
- Combinations of beacons and multi-tone alarm sounders possible



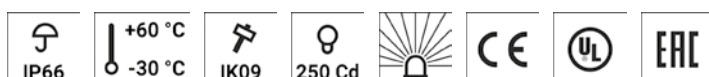
Internal diffuser and special lens pattern
for optimal 360° signalling effect



TECHNICAL DATA

Housing	184 mm (square), Polycarbonate red (RAL 3000)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	Back: Grommet 5–10 mm, optional side cable entry with cable gland (on both sides) (accessory type AKV)
Connection technology	Screw/plug-in terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	LED multi strobe beacon

Light source	6 High Power LEDs
Luminous intensity	250 Cd
Strobe/flash frequency	Double strobe 1.4 Hz; 6× strobe 1.0 Hz; multi strobe
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK09
Weight	1,7 kg



QBL

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24-48 V AC/DC	18-53 V AC 18-60 V DC	0,810	874 761 408
	110-240 V AC/DC	80-265	0,220	874 761 413
red	24-48 V AC/DC	18-53 V AC 18-60 V DC	0,810	874 762 408
	110-240 V AC/DC	80-265	0,220	874 762 413
clear	24-48 V AC/DC	18-53 V AC 18-60 V DC	0,810	874 764 408
	110-240 V AC/DC	80-265	0,220	874 764 413
blue	24-48 V AC/DC	18-53 V AC 18-60 V DC	0,810	874 765 408
	110-240 V AC/DC	80-265	0,220	874 765 413
green	24-48 V AC/DC	18-53 V AC 18-60 V DC	0,810	874 766 408
	110-240 V AC/DC	80-265	0,220	874 766 413
yellow	24-48 V AC/DC	18-53 V AC 18-60 V DC	0,810	874 767 408
	110-240 V AC/DC	80-265	0,220	874 767 413



AMK



AB3



AG3



AKV

ACCESSORIES

Type	Type of accessory	Weight	Order number
AMK	Mounting set for combining several pieces of signalling equipment of the same size	10 g	874 010 900
AB3	Mounting set for metal bracket for mounting in any direction (e.g. on mounting platforms)		874 033 900
AG3	Flat seal for correct IP66 installation on smooth surfaces		874 023 900
AKV	Cable gland M20×1,5		698 800 026



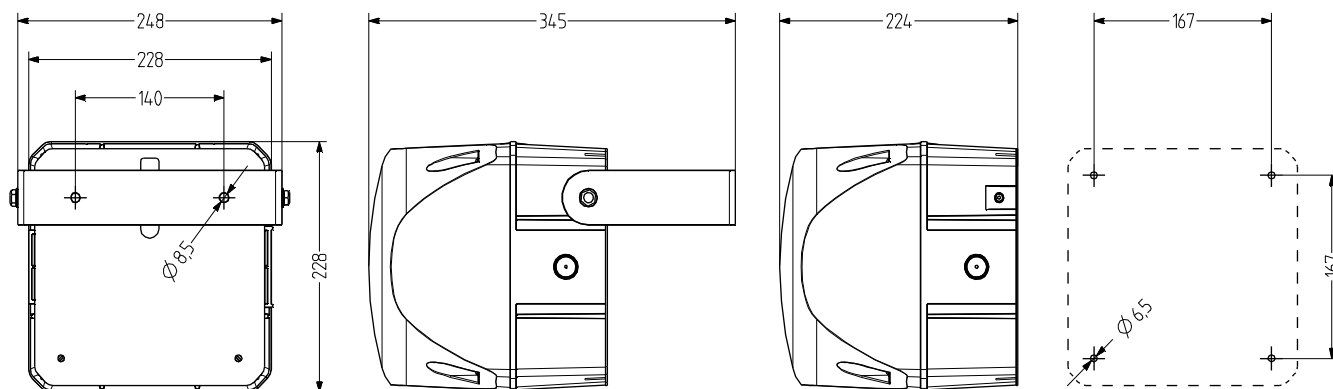
Strobe

QBX LED multi strobe beacon

- 228 mm cubic-design LED multi-strobe beacon
- Very good frontal and lateral signalling effect
- 400 cd luminous intensity
- High degree of protection IP 66 & impact resistance IK09
- UV-stabilised material
- Modern LED technology – 12 high-power LEDs
- 3 different strobe patterns, can be switched externally
- For industrial and general applications
- Combinations of beacons and multi-tone alarm sounders possible



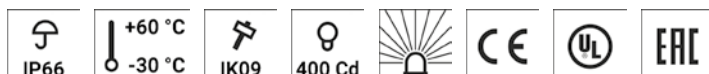
Internal diffuser and special lens pattern for optimal 360° signalling effect



TECHNICAL DATA

Housing	228 mm (square), Polycarbonate red (RAL 3000)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	Back: Grommet 5–10 mm, optional side cable entry with cable gland (on both sides) (accessory type AKV)
Connection technology	Screw/plug-in terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	LED multi strobe beacon

Light source	10 to 12 (depending on voltage) High Power LEDs
Luminous intensity	400 Cd
Strobe/flash frequency	Double strobe 1.4 Hz; 6× strobe 1.0 Hz; multi strobe
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK09
Weight	2,7 kg



QBX

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24-48 V AC/DC	18-53 V AC 18-60 V DC	1,700	874 861 408
	110-240 V AC/DC	80-265	0,400	874 861 413
red	24-48 V AC/DC	18-53 V AC 18-60 V DC	1,700	874 862 408
	110-240 V AC/DC	80-265	0,400	874 862 413
clear	24-48 V AC/DC	18-53 V AC 18-60 V DC	1,700	874 864 408
	110-240 V AC/DC	80-265	0,400	874 864 413
blue	24-48 V AC/DC	18-53 V AC 18-60 V DC	1,700	874 865 408
	110-240 V AC/DC	80-265	0,400	874 865 413
green	24-48 V AC/DC	18-53 V AC 18-60 V DC	1,700	874 866 408
	110-240 V AC/DC	80-265	0,400	874 866 413
yellow	24-48 V AC/DC	18-53 V AC 18-60 V DC	1,700	874 867 408
	110-240 V AC/DC	80-265	0,400	874 867 413



AMK



AB4



AG4



AKV

ACCESSORIES

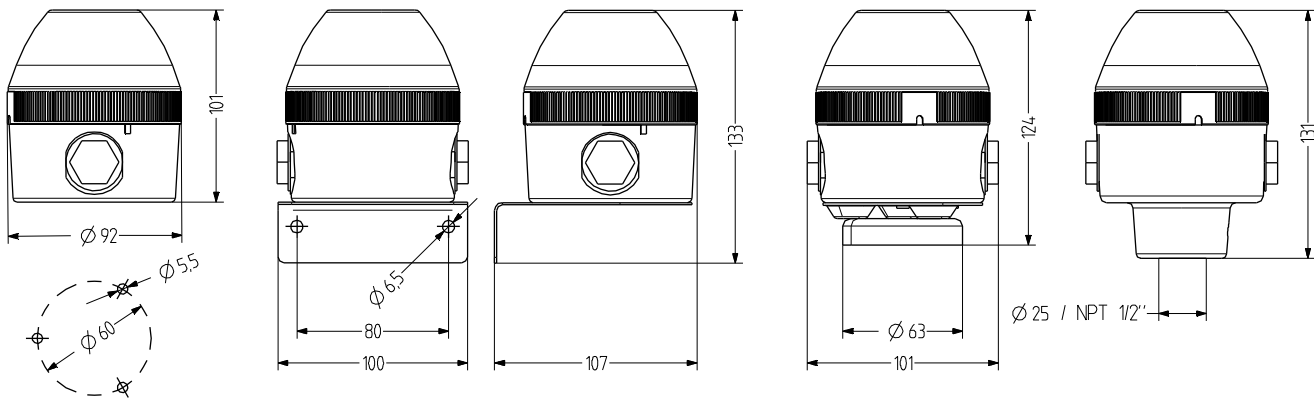
Type	Type of accessory	Weight	Order number
AMK	Mounting set for combining several pieces of signalling equipment of the same size	10 g	874 010 900
AB4	Mounting set for metal bracket for mounting in any direction (e.g. on mounting platforms)		874 034 900
AG4	Flat seal for correct IP66 installation on smooth surfaces		874 024 900
AKV	Cable gland M20×1,5		698 800 026



Strobe

NFS LED strobe/double strobe beacon

- Ø 90 mm LED strobe/double-strobe beacon
 - Wide voltage range due to switched-mode power supply technology
 - Good signalling effect
 - High degree of protection IP 65 & IP 67
- Modern LED technology – 3 high-power LEDs
 - Strobe/double strobe can be selected via DIP switch
 - For industrial and general applications
 - 4 types of mounting



TECHNICAL DATA

Housing	Ø 90 mm, Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical, Tube mounting or Magnetic mounting
Cable entry	side: 2× M20 × 1.5 with blind plugs (optional cable gland 7-14 mm), bottom: Grommet 5-7 mm
Connection technology	Terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)

Beacon type	LED strobe beacon
Light source	3 High Power LEDs
Strobe/flash frequency	1,4 Hz
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP65, IP67 & UL Type 4/4×/13
Weight	280 g (horizontal base)



NFS

ORDER DATA

Lens colour	Nominal voltage	Voltage range [V]	Nominal current [A]	Type of mounting		
				horizontal	Tube Ø 25 mm	Tube NPT 1/2"
orange	24-48 V AC/DC	16-52 V AC 16-60 V DC	0,271 0,220	442 101 408	442 301 408	442 401 408
	110-120 V AC	+/- 10 %	0,074	442 101 310	442 301 310	442 401 310
	230-240 V AC	+/- 10 %	0,074	442 101 313	442 301 313	442 401 313
red	24-48 V AC/DC	16-52 V AC 16-60 V DC	0,271 0,220	442 102 408	442 302 408	442 402 408
	110-120 V AC	+/- 10 %	0,074	442 102 310	442 302 310	442 402 310
	230-240 V AC	+/- 10 %	0,074	442 102 313	442 302 313	442 402 313
clear	24-48 V AC/DC	16-52 V AC 16-60 V DC	0,271 0,220	442 104 408	442 304 408	442 404 408
	110-120 V AC	+/- 10 %	0,074	442 104 310	442 304 310	442 404 310
	230-240 V AC	+/- 10 %	0,074	442 104 313	442 304 313	442 404 313
blue	24-48 V AC/DC	16-52 V AC 16-60 V DC	0,271 0,220	442 105 408	442 305 408	442 405 408
	110-120 V AC	+/- 10 %	0,074	442 105 310	442 305 310	442 405 310
	230-240 V AC	+/- 10 %	0,074	442 105 313	442 305 313	442 405 313
green	24-48 V AC/DC	16-52 V AC 16-60 V DC	0,271 0,220	442 106 408	442 306 408	442 406 408
	110-120 V AC	+/- 10 %	0,074	442 106 310	442 306 310	442 406 310
	230-240 V AC	+/- 10 %	0,074	442 106 313	442 306 313	442 406 313
yellow	24-48 V AC/DC	16-52 V AC 16-60 V DC	0,271 0,220	442 107 408	442 307 408	442 407 408
	110-120 V AC	+/- 10 %	0,074	442 107 310	442 307 310	442 407 310
	230-240 V AC	+/- 10 %	0,074	442 107 313	442 307 313	442 407 313



Strobe

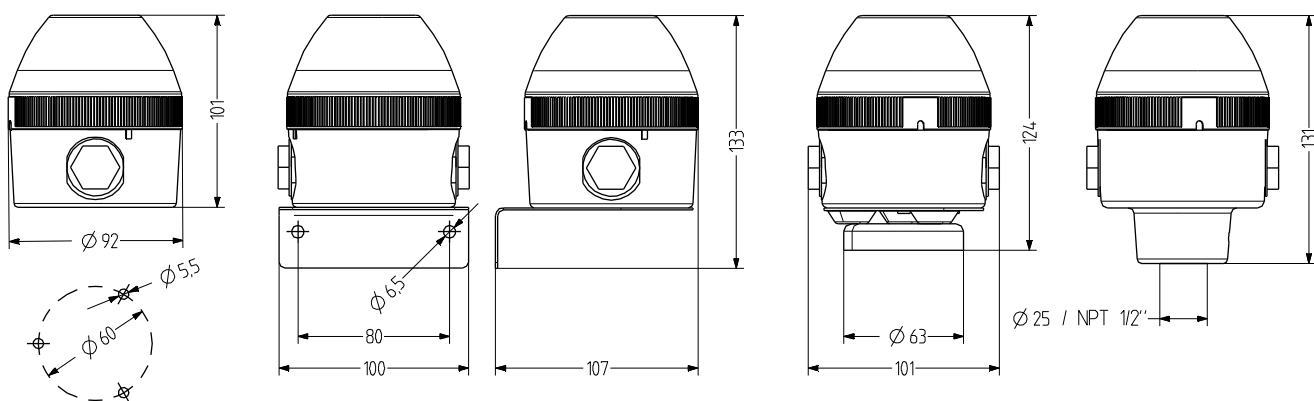


ACCESSORIES

Type	Type of accessory	Tube length	Weight	Order number
WMS	Metal bracket for wall mounting		160 g	817 200 900
MMR	Tube mounting Aluminium with plastic foot	50 mm		698 806 007
		100 mm		698 806 008
		250 mm		698 806 009
		400 mm		698 806 010
MSR	Tube mounting Stainless steel with die-cast zinc foot, black (powder-coated)	50 mm		698 806 021
		100 mm		698 806 022
		250 mm		698 806 023
		400 mm		698 806 024
MGS	Magnetic fixing		340 g	817 203 900
AKV	Cable gland M20×1,5			698 800 026
MBK	Earthing kit for UL-compliant installation			819 201 900
MQS	Mounting plate for UL-compliant installation			817 202 900

NFS-HP LED multi strobe beacon

- Ø 90 mm LED high-performance strobe beacon
- Wide voltage range due to switched-mode power supply technology
- Very good signalling effect even in bright conditions
- High degree of protection IP 65 & IP 67
- Modern LED technology/electronics – 3 high-power LEDs
- 3 different strobe patterns, can be switched externally
- For industrial and general applications
- 4 types of mounting



TECHNICAL DATA

Housing	Ø 90 mm, Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical, Tube mounting or Magnetic mounting
Cable entry	side: 2× M20 × 1.5 with blind plugs (optional cable gland 7-14 mm), bottom: Grommet 5-7 mm
Connection technology	Terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)

Beacon type	LED multi strobe beacon
Light source	3 High Power LEDs
Strobe/flash frequency	Double strobe 1.4 Hz; 6× strobe 1.0 Hz; multi strobe
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP65, IP67 & UL Type 4/4×/13
Weight	280 g (horizontal base)



NFS-HP

ORDER DATA

Lens colour	Nominal voltage	Voltage range [V]	Nominal current [A]	Type of mounting		
				horizontal	Tube Ø 25 mm	Tube NPT 1/2"
orange	24-48 V AC/DC	16-52 V AC 16-65 V DC	0,770 0,660	442 151 408	442 351 408	442 451 408
	110-240 V AC/DC	80-265	0,170	442 151 413	442 351 413	442 451 413
red	24-48 V AC/DC	16-52 V AC 16-65 V DC	0,770 0,660	442 152 408	442 352 408	442 452 408
	110-240 V AC/DC	80-265	0,170	442 152 413	442 352 413	442 452 413
clear	24-48 V AC/DC	16-52 V AC 16-65 V DC	0,770 0,660	442 154 408	442 354 408	442 454 408
	110-240 V AC/DC	80-265	0,170	442 154 413	442 354 413	442 454 413
blue	24-48 V AC/DC	16-52 V AC 16-65 V DC	0,770 0,660	442 155 408	442 355 408	442 455 408
	110-240 V AC/DC	80-265	0,170	442 155 413	442 355 413	442 455 413
green	24-48 V AC/DC	16-52 V AC 16-65 V DC	0,770 0,660	442 156 408	442 356 408	442 456 408
	110-240 V AC/DC	80-265	0,170	442 156 413	442 356 413	442 456 413
yellow	24-48 V AC/DC	16-52 V AC 16-65 V DC	0,770 0,660	442 157 408	442 357 408	442 457 408
	110-240 V AC/DC	80-265	0,170	442 157 413	442 357 413	442 457 413



ACCESSORIES

Type	Type of accessory	Tube length	Weight	Order number
WMS	Metal bracket for wall mounting		160 g	817 200 900
MMR	Tube mounting Aluminium with plastic foot	50 mm		698 806 007
		100 mm		698 806 008
		250 mm		698 806 009
		400 mm		698 806 010
MSR	Tube mounting Stainless steel with die-cast zinc foot, black (powder-coated)	50 mm		698 806 021
		100 mm		698 806 022
		250 mm		698 806 023
		400 mm		698 806 024
MGS	Magnetic fixing		340 g	817 203 900
AKV	Cable gland M20x1,5			698 800 026
MBK	Earthing kit for UL-compliant installation			819 201 900
MQS	Mounting plate for UL-compliant installation			817 202 900



Strobe

PFH LED multi strobe beacon

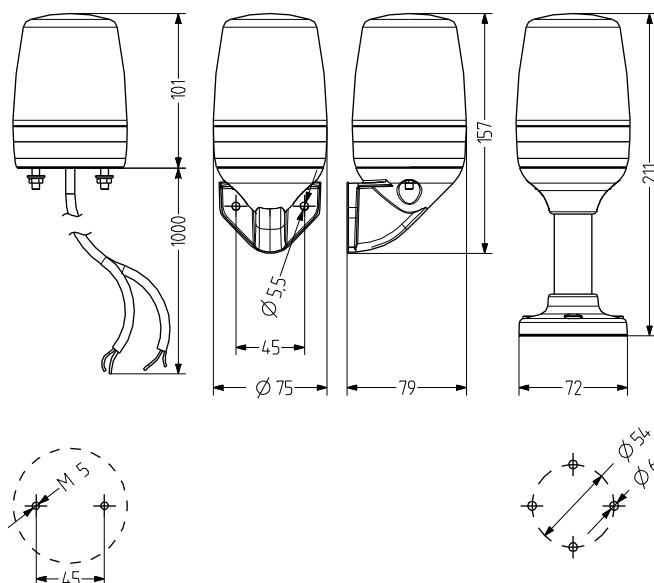
- Ø 75 mm LED multi-strobe beacon
- Good signalling effect
- Prewired with 1 m PUR cable – ready to use
- High degree of protection IP 66 & IP 67
- Modern LED technology and electronics
- 2 different strobe patterns, can be switched externally
- Premounted stainless-steel fixing screws
- 3 types of mounting, for industrial and general applications



Sealed cable
insulation/entry

TECHNICAL DATA

Housing	Ø 75 mm, 100 mm High lens , Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	pre-wired (1 m cable)
Leakage current	0,003 A (PLC-suitable)
Beacon type	LED multi strobe beacon
Light source	16 LEDs
Strobe/flash frequency	6x strobe/multi strobe 1 Hz
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & IP67
Impact resistance	IK08
Weight	200 g



PFH

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24 V AC/DC	16-28 V AC	0,235	860 511 405
		20-35 V DC	0,170	
	110-120 V AC	85-132	0,042	860 511 310
red	24 V AC/DC	16-28 V AC	0,235	860 512 405
		20-35 V DC	0,170	
	110-120 V AC	85-132	0,042	860 512 310
clear	24 V AC/DC	16-28 V AC	0,285	860 514 405
		20-35 V DC		
	110-120 V AC	85-132	0,042	860 514 310
blue	24 V AC/DC	16-28 V AC	0,285	860 515 405
		20-35 V DC		
	110-120 V AC	85-132	0,042	860 515 310
green	24 V AC/DC	16-28 V AC	0,285	860 516 405
		20-35 V DC		
	110-120 V AC	85-132	0,042	860 516 310
yellow	24 V AC/DC	16-28 V AC	0,235	860 517 405
		20-35 V DC	0,170	
	110-120 V AC	85-132	0,042	860 517 310



PMR



PVW



XWR

ACCESSORIES

Type	Type of accessory	Tube length	Weight	Order number
PMR	Tube base Aluminium tube with plastic foot	100 mm		860 702 900
		250 mm		860 703 900
PVW	Bracket for vertical mounting			860 600 900
XWR	Bracket for vertical mounting of TMR/UMR tube base		95 g	900 600 900



Strobe

PFL LED multi strobe beacon

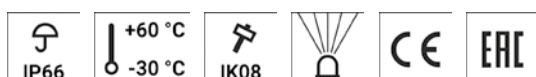
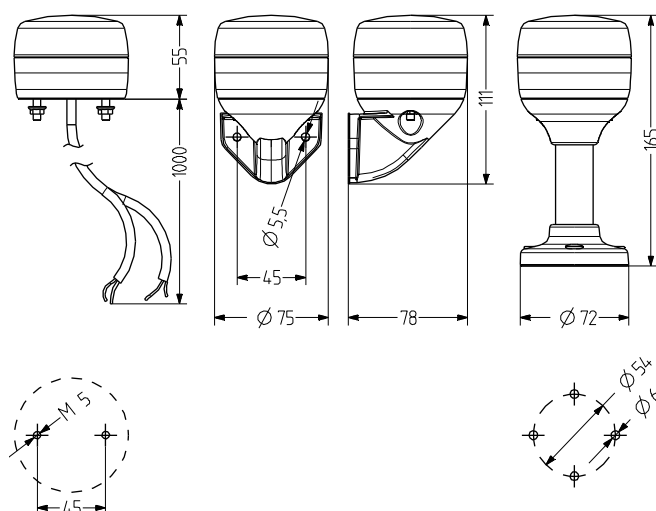
- Ø 75 mm compact LED multi-strobe beacon
- Low lens – good signalling effect
- Prewired with 1 m PUR cable – ready to use
- High degree of protection IP 66 & IP 67
- Modern LED technology and electronics
- 2 different strobe patterns, can be switched externally
- Premounted stainless-steel fixing screws
- 3 types of mounting, for industrial and general applications



Sealed cable
insulation/entry

TECHNICAL DATA

Housing	Ø 75 mm, 55 mm High lens , Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	pre-wired (1 m cable)
Leakage current	0,003 A (PLC-suitable)
Beacon type	LED multi strobe beacon
Light source	16 LEDs
Strobe/flash frequency	6× strobe/multi strobe 1 Hz
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & IP67
Impact resistance	IK08
Weight	150 g



PFL

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24 V AC/DC	+/- 10 %	0,120	861 511 405
	110-120 V AC	+/- 10 %	0,045	861 511 310
	230-240 V AC	+/- 10 %	0,045	861 511 313
red	24 V AC/DC	+/- 10 %	0,120	861 512 405
	110-120 V AC	+/- 10 %	0,045	861 512 310
	230-240 V AC	+/- 10 %	0,045	861 512 313
clear	24 V AC/DC	+/- 10 %	0,120	861 514 405
	110-120 V AC	+/- 10 %	0,045	861 514 310
	230-240 V AC	+/- 10 %	0,045	861 514 313
blue	24 V AC/DC	+/- 10 %	0,120	861 515 405
	110-120 V AC	+/- 10 %	0,045	861 515 310
	230-240 V AC	+/- 10 %	0,045	861 515 313
green	24 V AC/DC	+/- 10 %	0,120	861 516 405
	110-120 V AC	+/- 10 %	0,045	861 516 310
	230-240 V AC	+/- 10 %	0,045	861 516 313
yellow	24 V AC/DC	+/- 10 %	0,120	861 517 405
	110-120 V AC	+/- 10 %	0,045	861 517 310
	230-240 V AC	+/- 10 %	0,045	861 517 313



PMR



PVW



XWR

ACCESSORIES

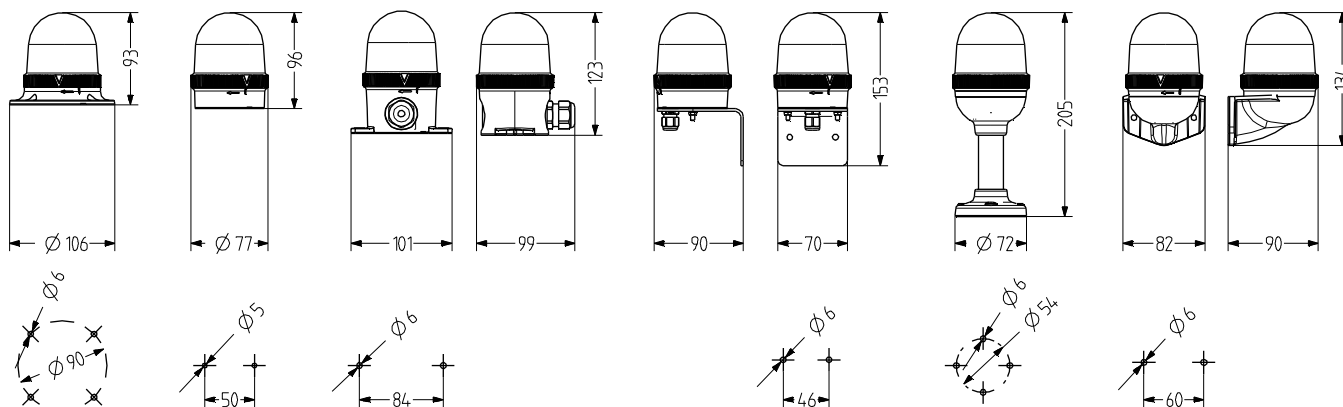
Type	Type of accessory	Tube length	Weight	Order number
PMR	Tube base Aluminium tube with plastic foot	100 mm		860 702 900
		250 mm		860 703 900
PVW	Bracket for vertical mounting			860 600 900
XWR	Bracket for vertical mounting of TMR/UMR tube base		95 g	900 600 900



Strobe

TDF LED multi strobe beacon

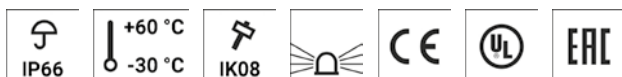
- Ø 75 mm LED multi-strobe beacon
- Very good signalling effect
- Modular design, user-friendly connection technology
- High degree of protection IP 66 & impact resistance IK08
- Modern LED technology and electronics
- 2 different strobe patterns, can be switched externally
- For industrial and general applications
- Can be extended with TDE acoustic module as an option



TECHNICAL DATA

Housing	Ø 75 mm, Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical or Tube mounting
Cable entry	depending on base
Connection technology	Screw terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	LED multi strobe beacon

Light source	16 LEDs
Strobe/flash frequency	6 × strobe/multi strobe 1 Hz
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK08
Weight	86 g



TDF

ORDER DATA - LENS

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24 V AC/DC	18-27 V AC	0,250	859 511 405
		20-32 V DC	0,190	
	110-120 V AC	75-132	0,042	859 511 310
	230-240 V AC	150-264	0,042	859 511 313
red	24 V AC/DC	18-27 V AC	0,250	859 512 405
		20-32 V DC	0,190	
	110-120 V AC	75-132	0,042	859 512 310
	230-240 V AC	150-264	0,042	859 512 313
clear	24 V AC/DC	18-27 V AC	0,250	859 514 405
		20-32 V DC	0,190	
	110-120 V AC	75-132	0,042	859 514 310
	230-240 V AC	150-264	0,042	859 514 313
blue	24 V AC/DC	18-27 V AC	0,250	859 515 405
		20-32 V DC	0,190	
	110-120 V AC	75-132	0,042	859 515 310
	230-240 V AC	150-264	0,042	859 515 313
green	24 V AC/DC	18-27 V AC	0,250	859 516 405
		20-32 V DC	0,190	
	110-120 V AC	75-132	0,042	859 516 310
	230-240 V AC	150-264	0,042	859 516 313
yellow	24 V AC/DC	18-27 V AC	0,250	859 517 405
		20-32 V DC	0,190	
	110-120 V AC	75-132	0,042	859 517 310
	230-240 V AC	150-264	0,042	859 517 313



TMW



TMF



TMV



TMR



TNL



TNW

ORDER DATA - BASE

Type	Type of accessory	Tube length	Weight	Order number
TMW	Base for horizontal mounting, with internal mounting holes		46 g	859 500 900
TMF	Base for horizontal mounting, with external mounting holes		71 g	859 510 900
TMV	Base for vertical mounting		83 g	859 520 900
TMR	Tube base for tube mounting, with aluminium tube/plastic foot	100 mm	128 g	859 532 900
		250 mm	176 g	859 533 900
TNL	Base for horizontal mounting, with side cable entry		94 g	859 515 900
TNW	Tube base for NPT 1/2" tube mounting		54 g	859 540 900



TVS



XWR



PV1

ACCESSORIES

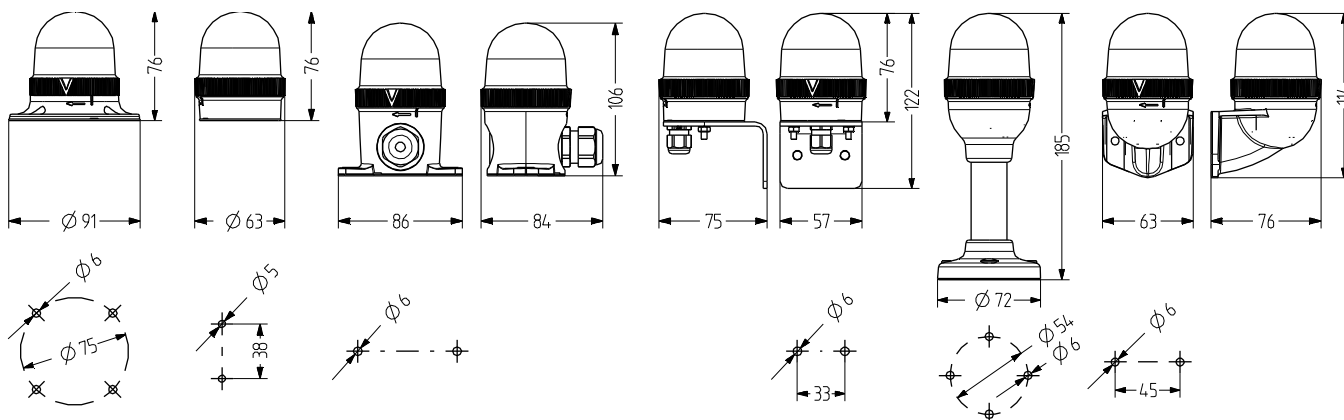
Type	Type of accessory	Weight	Order number
TVS	Metal bracket made possible with TMW cable entry from bottom (incl. cable gland M12 × 1.5)	218 g	859 550 900
XWR	Bracket for vertical mounting of TMR/UMR tube base	95 g	900 600 900
PV1	Ventilation element for optimum pressure equalisation, protection against condensation forming, compatible with TMW, TMF, TNL, UMW, UMF, UNL		859 100 000



Strobe

UDF LED multi strobe beacon

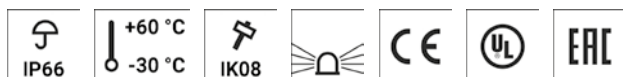
- Ø 60 mm LED multi-strobe beacon
- Good signalling effect
- Modular design
- High degree of protection IP 66 & impact resistance IK08
- Modern LED technology and electronics
- 2 different strobe patterns, can be switched externally
- For industrial and general applications
- User-friendly connection technology



TECHNICAL DATA

Housing	Ø 60 mm, Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical or Tube mounting
Cable entry	depending on base
Connection technology	Screw terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	LED multi strobe beacon

Light source	12 LEDs
Strobe/flash frequency	6 × strobe/multi strobe 1 Hz
Duty cycle	100 %
Service life	Light source: >50.000 h
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4×/13
Impact resistance	IK08
Weight	52 g



UDF

ORDER DATA - LENS

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24 V AC/DC	18-27 V AC 20-32 V DC	0,120	858 511 405
	110-120 V AC	75-132	0,033	858 511 310
	230-240 V AC	150-264	0,033	858 511 313
red	24 V AC/DC	18-27 V AC 20-32 V DC	0,120	858 512 405
	110-120 V AC	75-132	0,033	858 512 310
	230-240 V AC	150-264	0,033	858 512 313
clear	24 V AC/DC	18-27 V AC 20-32 V DC	0,120	858 514 405
	110-120 V AC	75-132	0,033	858 514 310
	230-240 V AC	150-264	0,033	858 514 313
blue	24 V AC/DC	18-27 V AC 20-32 V DC	0,120	858 515 405
	110-120 V AC	75-132	0,033	858 515 310
	230-240 V AC	150-264	0,033	858 515 313
green	24 V AC/DC	18-27 V AC 20-32 V DC	0,120	858 516 405
	110-120 V AC	75-132	0,033	858 516 310
	230-240 V AC	150-264	0,033	858 516 313
yellow	24 V AC/DC	18-27 V AC 20-32 V DC	0,120	858 517 405
	110-120 V AC	75-132	0,033	858 517 310
	230-240 V AC	150-264	0,033	858 517 313



UMW



UMF



UMV



UMR



UNL



UNW

ORDER DATA - BASE

Type	Type of accessory	Tube length	Weight	Order number
UMW	Base for vertical mounting, with internal mounting holes			858 500 900
UMF	Base for horizontal mounting, with external mounting holes		80 g	858 510 900
UMV	Base for vertical mounting		87 g	858 520 900
UMR	Tube base for horizontal mounting, with aluminium tube/plastic foot	100 mm		858 532 900
		250 mm		858 533 900
UNL	Base for horizontal mounting, with side cable entry		99 g	858 515 900
UNW	Tube base for NPT 1/2" tube mounting			858 540 900



UVS



XWR



PV1

ACCESSORIES

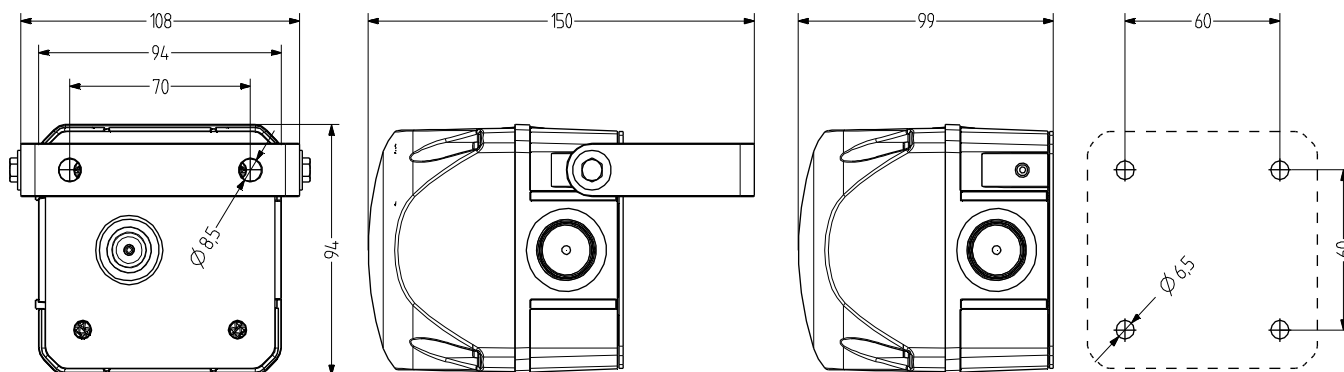
Type	Type of accessory	Weight	Order number
UVS	Bracket with UMW cable entry from bottom (incl. cable gland M12 × 1.5)	157 g	858 550 900
XWR	Bracket for vertical mounting of TMR/UMR tube base	95 g	900 600 900
PV1	Ventilation element for optimum pressure equalisation, protection against condensation forming, compatible with TMW, TMF, TNL, UMW, UMF, UNL		859 100 000



Strobe

QFS Xenon strobe beacon

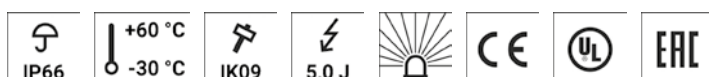
- 94 mm cubic-design xenon strobe beacon
- Good frontal and lateral signalling effect
- Combinations of beacons and multi-tone alarm sounders possible
- UV-stabilised material
- 5 J strobe energy
- High degree of protection IP 66 & impact resistance IK09
- For industrial and general applications



TECHNICAL DATA

Housing	94 mm [square], Polycarbonate red (RAL 3000)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	Back: Grommet 5–10 mm, optional side cable entry with cable gland (on both sides) (accessory type AKV)
Connection technology	Screw/plug-in terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon

Light source	Xenon tube
Luminous intensity	5 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 5 million flashes
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK09
Weight	300 g



QFS

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24-48 V AC/DC	18-53	0,450	874 561 408
	110-120 V AC	+/- 10 %	0,150	874 561 310
	230-240 V AC	+/- 10 %	0,075	874 561 313
red	24-48 V AC/DC	18-53	0,450	874 562 408
	110-120 V AC	+/- 10 %	0,150	874 562 310
	230-240 V AC	+/- 10 %	0,075	874 562 313
clear	24-48 V AC/DC	18-53	0,450	874 564 408
	110-120 V AC	+/- 10 %	0,150	874 564 310
	230-240 V AC	+/- 10 %	0,075	874 564 313
blue	24-48 V AC/DC	18-53	0,450	874 565 408
	110-120 V AC	+/- 10 %	0,150	874 565 310
	230-240 V AC	+/- 10 %	0,075	874 565 313
green	24-48 V AC/DC	18-53	0,450	874 566 408
	110-120 V AC	+/- 10 %	0,150	874 566 310
	230-240 V AC	+/- 10 %	0,075	874 566 313
yellow	24-48 V AC/DC	18-53	0,450	874 567 408
	110-120 V AC	+/- 10 %	0,150	874 567 310
	230-240 V AC	+/- 10 %	0,075	874 567 313



ACCESSORIES

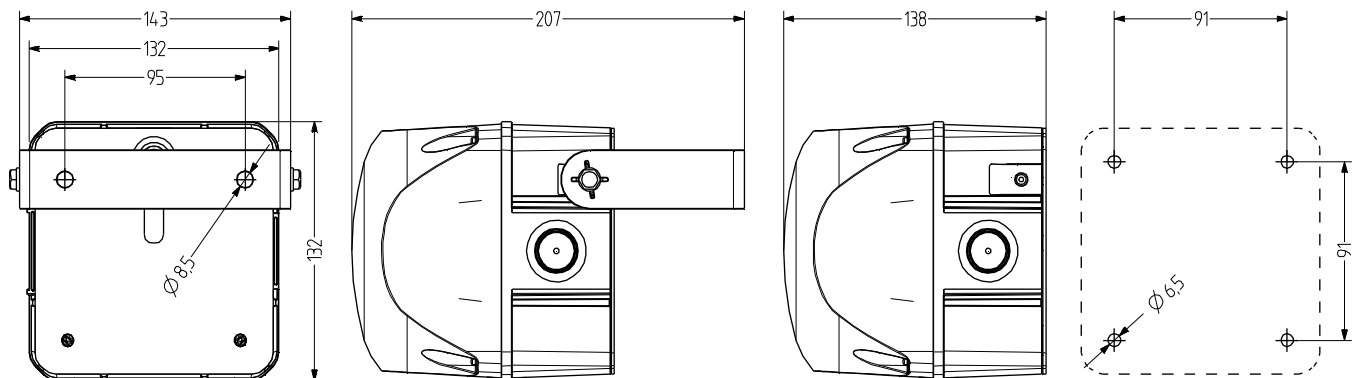
Type	Type of accessory	Weight	Order number
AMK	Mounting set for combining several pieces of signalling equipment of the same size	10 g	874 010 900
AB1	Mounting set for metal bracket for mounting in any direction (e.g. on mounting platforms)		874 031 900
AG1	Flat seal for correct IP66 installation on smooth surfaces		874 021 900
AKV	Cable gland M20×1,5		698 800 026



Strobe

QFM Xenon strobe beacon

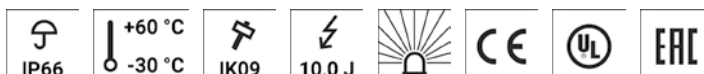
- 132 mm cubic-design xenon strobe beacon
- Good frontal and lateral signalling effect
- Combinations of beacons and multi-tone alarm sounders possible
- UV-stabilised material
- 10 J strobe energy
- High degree of protection IP 66 & impact resistance IK09
- For industrial and general applications



TECHNICAL DATA

Housing	132 mm (square), Polycarbonate red (RAL 3000)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	Back: Grommet 5–10 mm, optional side cable entry with cable gland (on both sides) (accessory type AKV)
Connection technology	Screw/plug-in terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon

Light source	Xenon tube
Luminous intensity	10 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 15 million flashes
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & UL Type 4/4x/13
Impact resistance	IK09
Weight	550 g



QFM

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24-48 V AC/DC	18-53	0,900	874 661 408
	110-120 V AC	+/- 10 %	0,260	874 661 310
	230-240 V AC	+/- 10 %	0,160	874 661 313
red	24-48 V AC/DC	18-53	0,900	874 662 408
	110-120 V AC	+/- 10 %	0,260	874 662 310
	230-240 V AC	+/- 10 %	0,160	874 662 313
clear	24-48 V AC/DC	18-53	0,900	874 664 408
	110-120 V AC	+/- 10 %	0,260	874 664 310
	230-240 V AC	+/- 10 %	0,160	874 664 313
blue	24-48 V AC/DC	18-53	0,900	874 665 408
	110-120 V AC	+/- 10 %	0,260	874 665 310
	230-240 V AC	+/- 10 %	0,160	874 665 313
green	24-48 V AC/DC	18-53	0,900	874 666 408
	110-120 V AC	+/- 10 %	0,260	874 666 310
	230-240 V AC	+/- 10 %	0,160	874 666 313
yellow	24-48 V AC/DC	18-53	0,900	874 667 408
	110-120 V AC	+/- 10 %	0,260	874 667 310
	230-240 V AC	+/- 10 %	0,160	874 667 313



ACCESSORIES

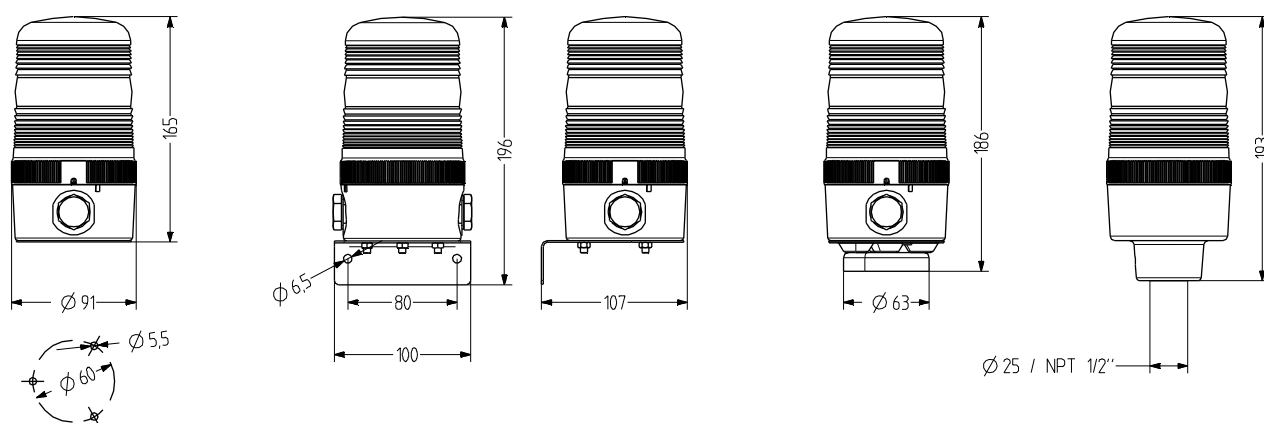
Type	Type of accessory	Weight	Order number
AMK	Mounting set for combining several pieces of signalling equipment of the same size	10 g	874 010 900
AB2	Mounting set for metal bracket for mounting in any direction (e.g. on mounting platforms)		874 032 900
AG2	Flat seal for correct IP66 installation on smooth surfaces		874 022 900
AKV	Cable gland M20x1,5		698 800 026



Strobe

MFS Xenon strobe beacon

- Ø 90 mm xenon strobe beacon
- Good signalling effect
- Modular design – easy to mount/service
- 4 types of mounting
- 7 J strobe energy
- High degree of protection IP 65
- For industrial and general applications
- Captive safety screw for lens



TECHNICAL DATA

Housing	Ø 90 mm, Polycarbonate black
Lens	Polycarbonate, ribbed (Fresnel) orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical, Tube mounting, Magnetic mounting or upside down
Cable entry	side: 2× M20 with blind plugs (optional cable gland 5–12 mm), back: Grommet 5–7 mm
Connection technology	Terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)

Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	7 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 1.500 - 5.000 h
Operating temperature	-25°C/+60°C
Degree of protection	IP65 & UL Type 4/4x/13
Weight	310 g



MFS

ORDER DATA

Lens colour	Nominal voltage	Voltage range [V]	Nominal current [A]	Type of mounting		
				horizontal	Tube Ø 25 mm	Tube NPT 1/2"
orange	12-24 V AC/DC	+/- 10 %	12 V AC: 0,83; 24 V AC: 0,48\	847 101 405	847 301 405	847 311 405
			n12 V DC: 0,65; 24 V DC: 0,36			
	110-120 V AC	+/- 10 %	0,210	847 101 310	847 301 310	847 311 310
red	230-240 V AC	+/- 10 %	0,120	847 101 313	847 301 313	847 311 313
	12-24 V AC/DC	+/- 10 %	12 V AC: 0,83; 24 V AC: 0,48\	847 102 405	847 302 405	847 312 405
			n12 V DC: 0,65; 24 V DC: 0,36			
clear	110-120 V AC	+/- 10 %	0,210	847 102 310	847 302 310	847 312 310
	230-240 V AC	+/- 10 %	0,120	847 102 313	847 302 313	847 312 313
	12-24 V AC/DC	+/- 10 %	12 V AC: 0,83; 24 V AC: 0,48\	847 104 405	847 304 405	847 314 405
blue			n12 V DC: 0,65; 24 V DC: 0,36			
	110-120 V AC	+/- 10 %	0,210	847 104 310	847 304 310	847 314 310
	230-240 V AC	+/- 10 %	0,120	847 104 313	847 304 313	847 314 313
green	12-24 V AC/DC	+/- 10 %	12 V AC: 0,83; 24 V AC: 0,48\	847 105 405	847 305 405	847 315 405
			n12 V DC: 0,65; 24 V DC: 0,36			
	110-120 V AC	+/- 10 %	0,210	847 105 310	847 305 310	847 315 310
yellow	230-240 V AC	+/- 10 %	0,120	847 105 313	847 305 313	847 315 313
	12-24 V AC/DC	+/- 10 %	12 V AC: 0,83; 24 V AC: 0,48\	847 106 405	847 306 405	847 316 405
			n12 V DC: 0,65; 24 V DC: 0,36			
	110-120 V AC	+/- 10 %	0,210	847 106 310	847 306 310	847 316 310
	230-240 V AC	+/- 10 %	0,120	847 106 313	847 306 313	847 316 313
	12-24 V AC/DC	+/- 10 %	12 V AC: 0,83; 24 V AC: 0,48\	847 107 405	847 307 405	847 317 405
			n12 V DC: 0,65; 24 V DC: 0,36			
	110-120 V AC	+/- 10 %	0,210	847 107 310	847 307 310	847 317 310
	230-240 V AC	+/- 10 %	0,120	847 107 313	847 307 313	847 317 313



Strobe



ACCESSORIES

Type	Type of accessory	Tube length	Weight	Order number
WMS	Metal bracket for wall mounting		160 g	817 200 900
MMR	Tube mounting Aluminium with plastic foot	50 mm		698 806 007
		100 mm		698 806 008
		250 mm		698 806 009
		400 mm		698 806 010
MSR	Tube mounting Stainless steel with die-cast zinc foot, black (powder-coated)	50 mm		698 806 021
		100 mm		698 806 022
		250 mm		698 806 023
		400 mm		698 806 024
MGS	Magnetic fixing		340 g	817 203 900
AKV	Cable gland M20×1,5			698 800 026
MBK	Earthing kit for UL-compliant installation			819 201 900
MQS	Mounting plate for UL-compliant installation			817 202 900

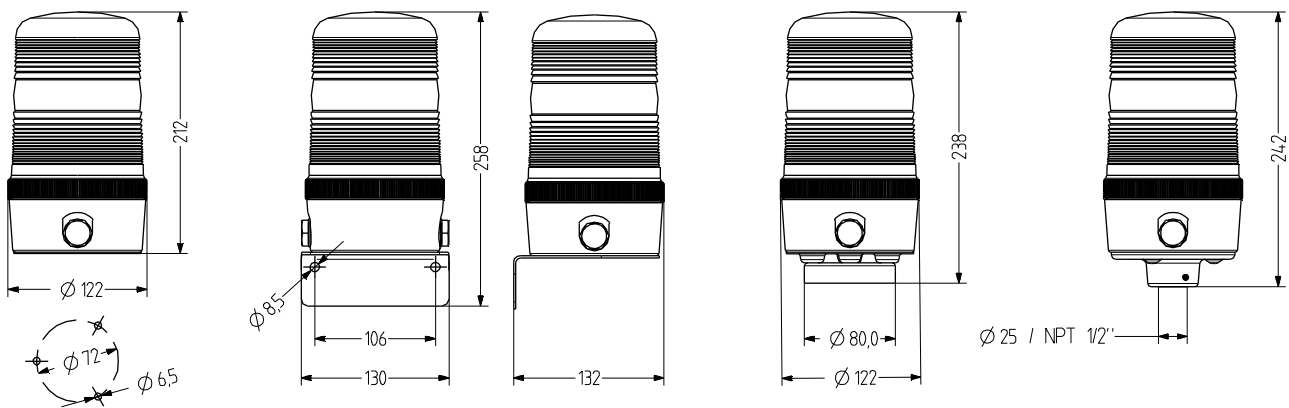


REPLACEMENT PARTS

Type	Type of accessory	Order number
XT07	Xenon flashtube	890 107 900

MFM Xenon strobe beacon

- Ø 120 mm xenon strobe beacon
 - Very good signalling effect
 - Modular design – easy to mount/service
 - 4 types of mounting
- 15 J strobe energy
 - High degree of protection IP 65
 - For industrial and general applications
 - Captive safety screw for lens



TECHNICAL DATA

Housing	Ø 120 mm, Polycarbonate black
Lens	Polycarbonate, ribbed (Fresnel) orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical, Tube mounting, Magnetic mounting or upside down
Cable entry	side: 2× M20 with blind plugs (optional cable gland 5–12 mm), back: Grommet 5–7 mm
Connection technology	Terminal 2,5 mm²
Leakage current	0,003 A (PLC-suitable)

Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	15 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 1.500 - 5.000 h
Operating temperature	-25°C/+60°C
Degree of protection	IP65 & UL Type 4/4x/13
Weight	520 g



MFM

ORDER DATA

Lens colour	Nominal voltage	Voltage range [V]	Nominal current [A]	Type of mounting		
				horizontal	Tube Ø 25 mm	Tube NPT 1/2"
orange	12-24 V AC/DC	+/- 10 %	1,300	848 101 405	848 301 405	848 311 405
	110-120 V AC	+/- 10 %	0,320	848 101 310	848 301 310	848 311 310
	230-240 V AC	+/- 10 %	0,150	848 101 313	848 301 313	848 311 313
red	12-24 V AC/DC	+/- 10 %	1,300	848 102 405	848 302 405	848 312 405
	110-120 V AC	+/- 10 %	0,320	848 102 310	848 302 310	848 312 310
	230-240 V AC	+/- 10 %	0,150	848 102 313	848 302 313	848 312 313
clear	12-24 V AC/DC	+/- 10 %	1,300	848 104 405	848 304 405	848 314 405
	110-120 V AC	+/- 10 %	0,320	848 104 310	848 304 310	848 314 310
	230-240 V AC	+/- 10 %	0,150	848 104 313	848 304 313	848 314 313
blue	12-24 V AC/DC	+/- 10 %	1,300	848 105 405	848 305 405	848 315 405
	110-120 V AC	+/- 10 %	0,320	848 105 310	848 305 310	848 315 310
	230-240 V AC	+/- 10 %	0,150	848 105 313	848 305 313	848 315 313
green	12-24 V AC/DC	+/- 10 %	1,300	848 106 405	848 306 405	848 316 405
	110-120 V AC	+/- 10 %	0,320	848 106 310	848 306 310	848 316 310
	230-240 V AC	+/- 10 %	0,150	848 106 313	848 306 313	848 316 313
yellow	12-24 V AC/DC	+/- 10 %	1,300	848 107 405	848 307 405	848 317 405
	110-120 V AC	+/- 10 %	0,320	848 107 310	848 307 310	848 317 310
	230-240 V AC	+/- 10 %	0,150	848 107 313	848 307 313	848 317 313



WMM



MMR



MSR



MGM



AKV



MBK



MQM

ACCESSORIES

Type	Type of accessory	Tube length	Weight	Order number
WMM	Metal bracket for wall mounting		340 g	818 200 900
MMR	Tube mounting Aluminium with plastic foot	50 mm		698 806 007
		100 mm		698 806 008
		250 mm		698 806 009
		400 mm		698 806 010
MSR	Tube mounting Stainless steel with die-cast zinc foot, black (powder-coated)	50 mm		698 806 021
		100 mm		698 806 022
		250 mm		698 806 023
		400 mm		698 806 024
MGM	Magnetic fixing		600 g	818 203 900
AKV	Cable gland M20x1,5			698 800 026
MBK	Earthing kit for UL-compliant installation			819 201 900
MQM	Mounting plate for UL-compliant installation			818 202 900



XT15

REPLACEMENT PARTS

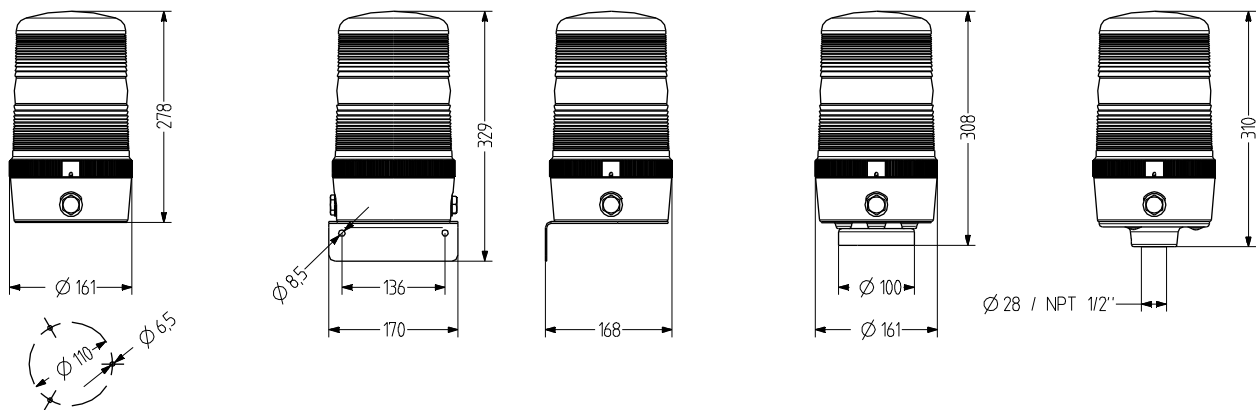
Type	Type of accessory	Order number
XT15	Xenon flashtube	890 115 900



Strobe

MFL Xenon strobe beacon

- Ø 160 mm xenon strobe beacon
 - Very good signalling effect
 - Modular design – easy to mount/service
 - 4 types of mounting
- 30 J strobe energy
 - High degree of protection IP 65
 - For industrial and general applications
 - Captive safety screw for lens



TECHNICAL DATA

Housing	Ø 160 mm, Polycarbonate black
Lens	Polycarbonate, ribbed (Fresnel) orange, red, clear, blue, green or yellow
Type of mounting	horizontal, vertical, Tube mounting or Magnetic mounting
Cable entry	side: 2× M20 with blind plugs (optional cable gland 5–12 mm), back: Grommet 5–7 mm
Connection technology	Terminal 2,5 mm²
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon

Light source	Xenon tube
Luminous intensity	30 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 1.500 - 5.000 h
Operating temperature	-25°C/+60°C
Degree of protection	IP65 & UL Type 4/4×/13
Weight	920 g



MFL

ORDER DATA

Lens colour	Nominal voltage	Voltage range [V]	Nominal current [A]	Type of mounting		
				horizontal	Tube Ø 30 mm	Tube NPT 1"
orange	24 V AC/DC	+/- 10 %	1,900	849 101 405	849 301 405	849 311 405
	110-120 V AC	+/- 10 %	0,700	849 101 310	849 301 310	849 311 310
	230-240 V AC	+/- 10 %	0,350	849 101 313	849 301 313	849 311 313
red	24 V AC/DC	+/- 10 %	1,900	849 102 405	849 302 405	849 312 405
	110-120 V AC	+/- 10 %	0,700	849 102 310	849 302 310	849 312 310
	230-240 V AC	+/- 10 %	0,350	849 102 313	849 302 313	849 312 313
clear	24 V AC/DC	+/- 10 %	1,900	849 104 405	849 304 405	849 314 405
	110-120 V AC	+/- 10 %	0,700	849 104 310	849 304 310	849 314 310
	230-240 V AC	+/- 10 %	0,350	849 104 313	849 304 313	849 314 313
blue	24 V AC/DC	+/- 10 %	1,900	849 105 405	849 305 405	849 315 405
	110-120 V AC	+/- 10 %	0,700	849 105 310	849 305 310	849 315 310
	230-240 V AC	+/- 10 %	0,350	849 105 313	849 305 313	849 315 313
green	24 V AC/DC	+/- 10 %	1,900	849 106 405	849 306 405	849 316 405
	110-120 V AC	+/- 10 %	0,700	849 106 310	849 306 310	849 316 310
	230-240 V AC	+/- 10 %	0,350	849 106 313	849 306 313	849 316 313
yellow	24 V AC/DC	+/- 10 %	1,900	849 107 405	849 307 405	849 317 405
	110-120 V AC	+/- 10 %	0,700	849 107 310	849 307 310	849 317 310
	230-240 V AC	+/- 10 %	0,350	849 107 313	849 307 313	849 317 313



ACCESSORIES

Type	Type of accessory	Weight	Order number
WML	Metal bracket for wall mounting	510 g	819 200 900
MGL	Magnetic fixing	1,03 kg	819 203 900
AKV	Cable gland M20x1,5		698 800 026
MBK	Earthing kit for UL-compliant installation		819 201 900
MQL	Mounting plate for UL-compliant installation		819 202 900



REPLACEMENT PARTS

Type	Type of accessory	Order number
XT30	Xenon flashtube	890 130 900



Strobe

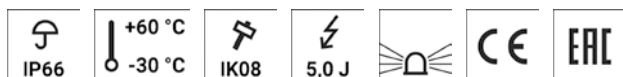
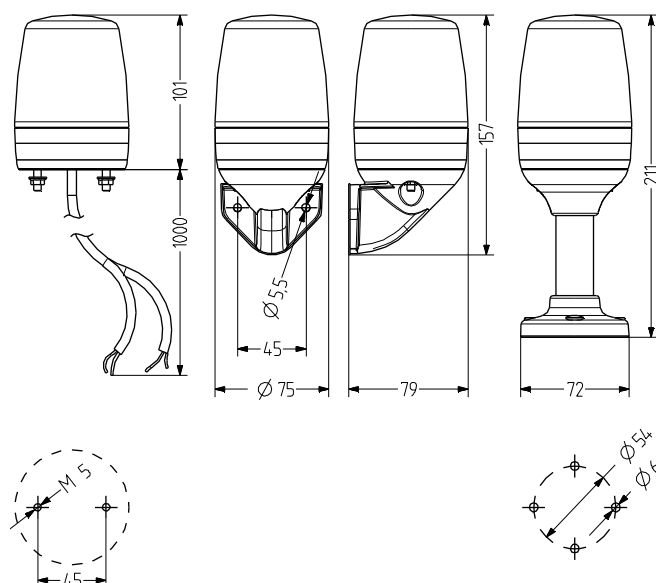
PXH Xenon strobe beacon

- Ø 75 mm xenon strobe beacon
- Prewired with 1 m PUR cable – ready to use
- High degree of protection IP 66 & IP 67
- 5 J strobe energy – good signalling effect
- Premounted stainless-steel fixing screws
- 3 types of mounting, for industrial and general applications



TECHNICAL DATA

Housing	Ø 75 mm, 100 mm High lens , Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	pre-wired (1 m cable)
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	5 J Strobe energy
Strobe/flash frequency	1,4 Hz
Duty cycle	100 %
Service life	Light source: 5 million flashes
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & IP67
Impact resistance	IK08
Weight	220 g



PXH

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	10-100 V AC/DC	20-70 V AC	0,260	860 521 410
		10-100 V DC		
	110-120 V AC	95-132	0,100	860 521 310
red	230-240 V AC	180-264	0,055	860 521 313
	10-100 V AC/DC	20-70 V AC	0,260	860 522 410
		10-100 V DC		
clear	110-120 V AC	95-132	0,100	860 522 310
	230-240 V AC	180-264	0,055	860 522 313
	10-100 V AC/DC	20-70 V AC	0,260	860 524 410
blue		10-100 V DC		
	110-120 V AC	95-132	0,100	860 524 310
	230-240 V AC	180-264	0,055	860 524 313
green	10-100 V AC/DC	20-70 V AC	0,260	860 525 410
		10-100 V DC		
	110-120 V AC	95-132	0,100	860 525 310
yellow	230-240 V AC	180-264	0,055	860 525 313
	10-100 V AC/DC	20-70 V AC	0,260	860 526 410
		10-100 V DC		
	110-120 V AC	95-132	0,100	860 526 310
	230-240 V AC	180-264	0,055	860 526 313
	10-100 V AC/DC	20-70 V AC	0,260	860 527 410
		10-100 V DC		
	110-120 V AC	95-132	0,100	860 527 310
	230-240 V AC	180-264	0,055	860 527 313



PMR



PVW



XWR

ACCESSORIES

Type	Type of accessory	Tube length	Weight	Order number
PMR	Tube base Aluminium tube with plastic foot	100 mm		860 702 900
		250 mm		860 703 900
PVW	Bracket for vertical mounting			860 600 900
XWR	Bracket for vertical mounting of TMR/UMR tube base		95 g	900 600 900



Strobe

PXL Xenon strobe beacon

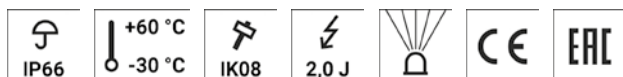
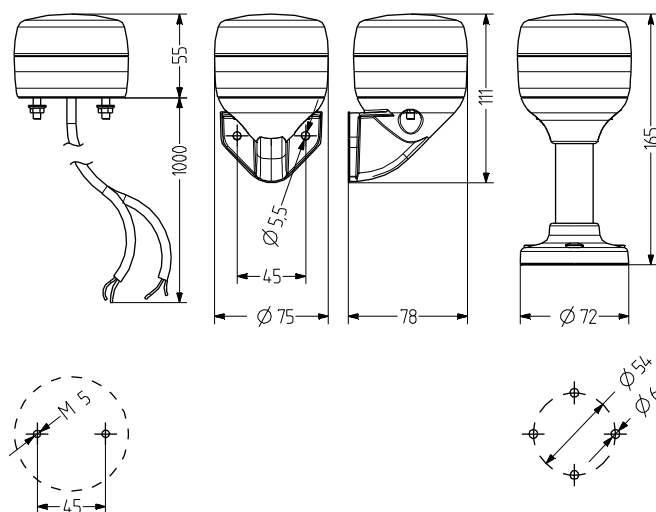
- Ø 75 mm compact xenon strobe beacon
- Prewired with 1 m PUR cable – ready to use
- High degree of protection IP 66 & IP 67
- 2 J strobe energy – good signalling effect
- Premounted stainless-steel fixing screws
- 3 types of mounting, for industrial and general applications



Sealed cable
insulation/entry

TECHNICAL DATA

Housing	Ø 75 mm, 55 mm High lens , Polycarbonate black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	any
Cable entry	pre-wired (1 m cable)
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	2 J Strobe energy
Strobe/flash frequency	1,4 Hz
Duty cycle	100 %
Service life	Light source: 5 million flashes
Operating temperature	-30°C/+60°C
Degree of protection	IP66 & IP67
Impact resistance	IK08
Weight	170 g



PXL

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	110-120 V AC	85-132	0,075	861 521 310
	230-240 V AC	170-264	0,045	861 521 313
	20-70 V AC	20-70 V AC	0,250	861 521 410
	10-100 V DC	10-100 V DC		
red	110-120 V AC	85-132	0,075	861 522 310
	230-240 V AC	170-264	0,045	861 522 313
	20-70 V AC	20-70 V AC	0,250	861 522 410
	10-100 V DC	10-100 V DC		
clear	110-120 V AC	85-132	0,075	861 524 310
	230-240 V AC	170-264	0,045	861 524 313
	20-70 V AC	20-70 V AC	0,250	861 524 410
	10-100 V DC	10-100 V DC		
blue	110-120 V AC	85-132	0,075	861 525 310
	230-240 V AC	170-264	0,045	861 525 313
	20-70 V AC	20-70 V AC	0,250	861 525 410
	10-100 V DC	10-100 V DC		
green	110-120 V AC	85-132	0,075	861 526 310
	230-240 V AC	170-264	0,045	861 526 313
	20-70 V AC	20-70 V AC	0,250	861 526 410
	10-100 V DC	10-100 V DC		
yellow	110-120 V AC	85-132	0,075	861 527 310
	230-240 V AC	170-264	0,045	861 527 313
	20-70 V AC	20-70 V AC	0,250	861 527 410
	10-100 V DC	10-100 V DC		



PMR



PVW



XWR

ACCESSORIES

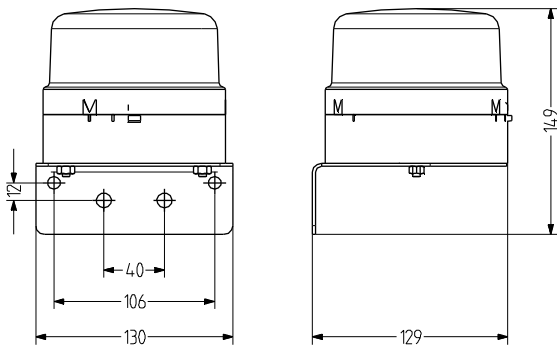
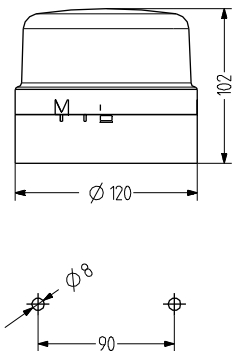
Type	Type of accessory	Tube length	Weight	Order number
PMR	Tube base Aluminium tube with plastic foot	100 mm		860 702 900
		250 mm		860 703 900
PVW	Bracket for vertical mounting			860 600 900
XWR	Bracket for vertical mounting of TMR/UMR tube base		95 g	900 600 900



Strobe

FLG Xenon strobe beacon

- Ø 120 mm xenon strobe beacon
 - Good signalling effect
 - Bayonet locking system with push button
 - Optional mounting bracket for vertical mounting
- 5 J strobe energy
 - High degree of protection IP 65
 - For general applications
 - Attractive price/performance ratio



TECHNICAL DATA

Housing	Ø 120 mm, ABS black (RAL 9005) or grey (RAL 7035)
Lens	Polycarbonate, ribbed inside orange, red, clear, blue, green or yellow
Type of mounting	horizontal or vertical (with bracket)
Cable entry	bottom: Grommet 5–10 mm
Connection technology	Terminal 2,5 mm²
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon

Light source	Xenon tube
Luminous intensity	5 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 3 million flashes
Operating temperature	-30°C/+50°C
Degree of protection	IP65



FLG

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Housing colour	
				black	grey
orange	24 V AC/DC	+/- 10 %	0,320	842 541 405	842 141 405
	110-120 V AC	+/- 10 %	0,200	842 531 310	842 131 310
	230-240 V AC	+/- 10 %	0,100	842 531 313	842 131 313
red	24 V AC/DC	+/- 10 %	0,320	842 542 405	842 142 405
	110-120 V AC	+/- 10 %	0,200	842 532 310	842 132 310
	230-240 V AC	+/- 10 %	0,100	842 532 313	842 132 313
clear	24 V AC/DC	+/- 10 %	0,320	842 544 405	842 144 405
	110-120 V AC	+/- 10 %	0,200	842 534 310	842 134 310
	230-240 V AC	+/- 10 %	0,100	842 534 313	842 134 313
blue	24 V AC/DC	+/- 10 %	0,320	842 545 405	842 145 405
	110-120 V AC	+/- 10 %	0,200	842 535 310	842 135 310
	230-240 V AC	+/- 10 %	0,100	842 535 313	842 135 313
green	24 V AC/DC	+/- 10 %	0,320	842 546 405	842 146 405
	110-120 V AC	+/- 10 %	0,200	842 536 310	842 136 310
	230-240 V AC	+/- 10 %	0,100	842 536 313	842 136 313
yellow	24 V AC/DC	+/- 10 %	0,320	842 547 405	842 147 405
	110-120 V AC	+/- 10 %	0,200	842 537 310	842 137 310
	230-240 V AC	+/- 10 %	0,100	842 537 313	842 137 313



WIG

ACCESSORIES

Type	Type of accessory	Order number
WIG	Bracket made of metal for wall mounting	822 200 900



Strobe

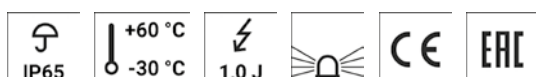
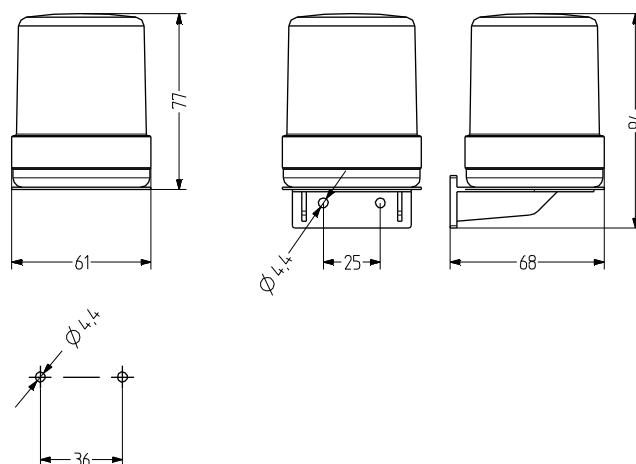
FLK Xenon strobe beacon

- Ø 60 mm xenon strobe beacon
- Good signalling effect
- Sealed electronics
- For horizontal and vertical mounting
- 1 J strobe energy
- High degree of protection IP 65
- For general applications
- Good price/performance ratio



TECHNICAL DATA

Housing	Ø 60 mm, ABS black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red or yellow
Type of mounting	horizontal or vertical
Cable entry	Back: Grommet 6-9 mm
Connection technology	Terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	1 J Strobe energy
Strobe/flash frequency	1,4 Hz
Duty cycle	100 %
Service life	Light source: 10 million flashes
Operating temperature	-30°C/+60°C
Degree of protection	IP65
Weight	75 g



FLK

ORDER DATA - LENS

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	12-24 V AC/DC	+/- 10 %	0,120	840 001 405
	230-240 V AC	+/- 10 %	0,020	840 001 313
red	12-24 V AC/DC	+/- 10 %	0,120	840 002 405
	230-240 V AC	+/- 10 %	0,020	840 002 313
yellow	12-24 V AC/DC	+/- 10 %	0,120	840 007 405
	230-240 V AC	+/- 10 %	0,020	840 007 313



BHF



BVF

ORDER DATA - BASE

Type	Type of accessory	Weight	Order number
BHF	Base for horizontal mounting	20 g	840 501 900
BVF	Base for vertical mounting	35 g	840 502 900



Strobe

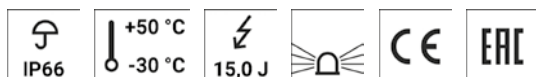
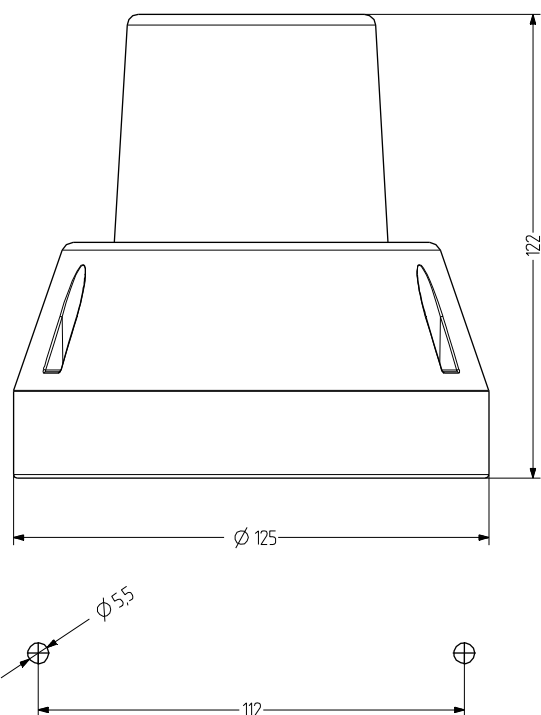
BZG Xenon strobe beacon

- Ø 72 mm (lens) xenon strobe beacon
- Very good signalling effect
- Die-cast aluminium housing, epoxy powder-coated for use in harsh conditions
- 15 J strobe energy
- High degree of protection IP 66
- For industrial and general applications



TECHNICAL DATA

Housing	Ø 72 mm, Die-cast aluminium, epoxy powder-coated grey (RAL 7000)
Lens	Polycarbonate, ribbed inside orange, red or yellow
Type of mounting	horizontal
Cable entry	side: M20 with blind plug (optional cable gland 5-12 mm)
Connection technology	Screw/plug-in terminal 2,5 mm ²
Leakage current	0,003 A (PLC-suitable)
Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	15 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 5 million flashes
Operating temperature	-30°C/+50°C
Degree of protection	IP66
Weight	600 g



BZG

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	24 V DC	+/- 10 %	0,700	741 041 005
	230-240 V AC	+/- 10 %	0,230	741 031 313
red	24 V DC	+/- 10 %	0,700	741 042 005
	230-240 V AC	+/- 10 %	0,230	741 032 313
yellow	24 V DC	+/- 10 %	0,700	741 047 005
	230-240 V AC	+/- 10 %	0,230	741 037 313



Strobe

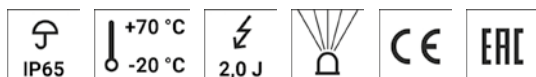
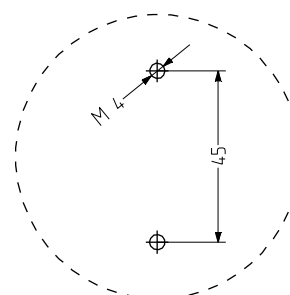
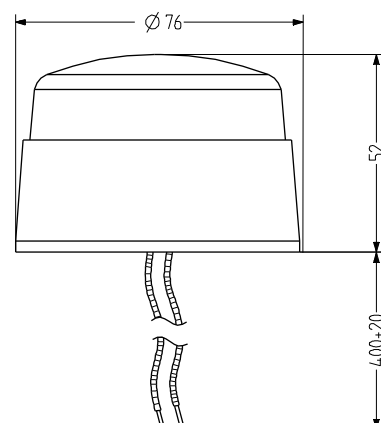
XB2 Xenon strobe beacon

- Ø 65 mm compact xenon strobe beacon
- Prewired, 400 mm connecting cord
- Degree of protection IP 65
- Good signalling effect
- 2 J strobe energy
- With mounting adapter, can be mounted from the front
- Suitable for simple standard applications
- Cost-effective



TECHNICAL DATA

Housing	Ø 65 mm, ABS black (RAL 9005)
Lens	Polycarbonate, ribbed inside orange, red or blue
Type of mounting	horizontal
Cable entry	pre-wired (400 mm cable)
Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	2 J Strobe energy
Strobe/flash frequency	1 Hz
Duty cycle	100 %
Service life	Light source: 500,000 flashes
Operating temperature	-20°C/+70°C
Degree of protection	IP65



XB2

ORDER DATA

Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number
orange	12 V DC	+/- 10 %	0,200	D118 521 004
	24 V DC	+/- 10 %	0,100	D118 521 005
	24 V AC	+/- 10 %	0,220	D118 521 305
	230 V AC	+/- 10 %	0,025	D118 521 313
red	12 V DC	+/- 10 %	0,200	D118 522 004
	24 V DC	+/- 10 %	0,100	D118 522 005
	24 V AC	+/- 10 %	0,220	D118 522 305
	230 V AC	+/- 10 %	0,025	D118 522 313
blue	12 V DC	+/- 10 %	0,200	D118 525 004
	24 V DC	+/- 10 %	0,100	D118 525 005
	24 V AC	+/- 10 %	0,220	D118 525 305
	230 V AC	+/- 10 %	0,025	D118 525 313



Strobe