



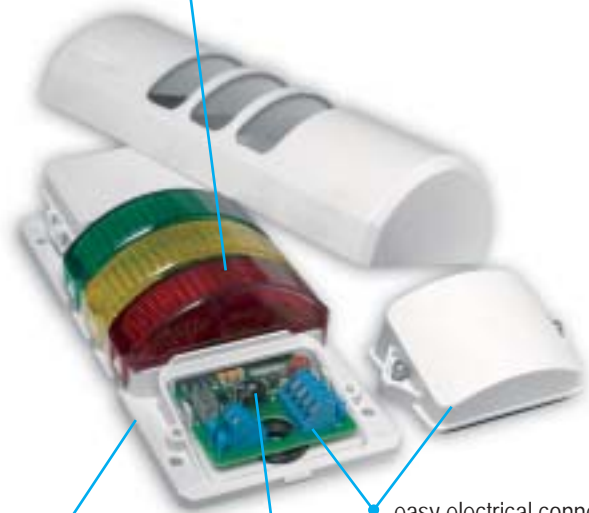
slim design, only 45 mm wide for optimal integration/
combination of signal tower unit in machine/panel
building or other (building) applications



IP 65 – for use in damp and dusty
environmental conditions, also
outdoor



modules always work
with 24 V voltage



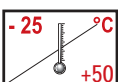
easy electrical connection
(terminals, removable cover)

supply voltage is
chosen with the
respective base

volume individually adjustable
from ~70 – 90 dB

Features

- ▶ visual-audible LED-signal tower in half dome design
- ▶ for universal industrial, building and other applications
- ▶ any colour combination and housing size (2 – 5 positions) available
- ▶ 6 lens colours, 2 housing colours (grey, chrome)
- ▶ LED-steady light or LED-flashing light for each position selectable
- ▶ high protection class IP 65 – suitable for outdoor and indoor
- ▶ for horizontal and vertical mounting
- ▶ particular lens optics with reflective coating
 - optimal signalling and visibility from each viewing angle (180°)
 - „moving“ bright LED-light
- ▶ optional piezo buzzer in upper housing area available
 - tone types continuous and pulsing
 - volume individually adjustable ~70 - 90 dB (A) in 1 m
- ▶ SPS-fit (leakage, inrush current)
- ▶ available in nominal voltages 24 V AC/DC, 110/120 V AC and 230/240 V AC
- ▶ UL-certified – UL 4, 4X, 13



CONFIGURATION
SIGNAL TOWER half DOME 90



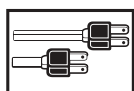
LIGHT MODULES	Light source	Type
LED-steady light	LED	HDL
LED-flashing light		HDB
PIEZO BUZZER	Sound pressure	Type
Continuous and pulsing tone	~70 - 90 dB infinitely adjustable	HDZ
HOUSING	Housing colour	Type
Housing with 2 lights	grey chrome	HD2
Housing with 3 lights		HD3
Housing with 4 lights		HD4
Housing with 5 lights		HD5



HALF DOME 90



Optimal Signalling and Visibility from each viewing angle (180°)
 ▶ moving bright LED-light



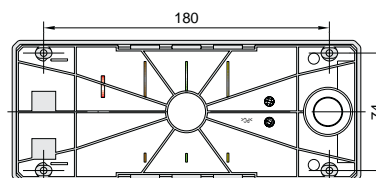
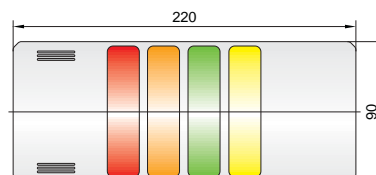
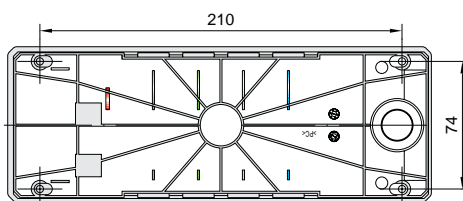
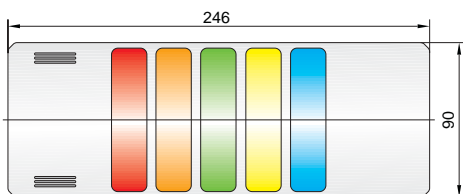
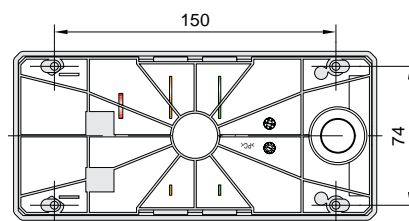
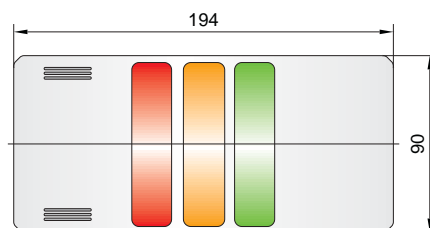
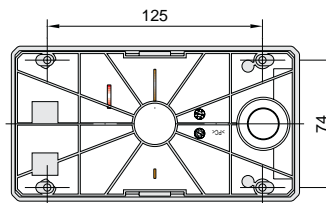
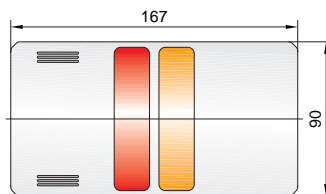
Technical data

for all HalfDOME90 modules/products:

- Housing material: polycarbonate
- Housing colours: grey or chrome
- Lens material: polycarbonate
- Lens colours: amber, red, clear, blue, green, yellow
- Temperature range: -25 °C to +50 °C

Light modules	HDL	HDB
Type of light	LED-steady light	LED-flashing light
Flashing frequency		2 Hz
Light emission		180°
Leakage		3 mA
Nominal current (24 V)		43 mA
Protection class	IP 65, NEMA 4, 4X, 13	
Weight	2-lights: 273 g	
	3-lights: 319 g	
	4-lights: 376 g	
	5-lights: 419 g	

Buzzermodule	HDZ
Tone type	continuos/pulsing
Tone selection	DIP-Switch
Tone frequency	~ 2500 Hz
Sound pressure	~ 70 - 90 dB
Nominal current	65 mA





Order data

Type	LIGHTS	Order No.		
HDL	LED steady light (mounted)	745 00C 900P		
HDB	LED flashing light (mounted)	745 01C 900P		
	BUZZER			
HDZ	Buzzer continuous/pulsing tone	745 020 900		
	HOUSING	grey	chrome	Nominal voltage (V)
HD2	Housing for 2 lights	745 102 405	745 502 405	24 V AC/DC
HD3	Housing for 3 lights	745 103 405	745 503 405	24 V AC/DC
HD4	Housing for 4 lights	745 104 405	745 504 405	24 V AC/DC
HD5	Housing for 5 lights	745 105 405	745 505 405	24 V AC/DC
HD2	Housing for 2 lights	745 102 310	745 502 310	110/120 V AC
HD3	Housing for 3 lights	745 103 310	745 503 310	110/120 V AC
HD4	Housing for 4 lights	745 104 310	745 504 310	110/120 V AC
HD5	Housing for 5 lights	745 105 310	745 505 310	110/120 V AC
HD2	Housing for 2 lights	745 102 313	745 502 313	230/240 V AC
HD3	Housing for 3 lights	745 103 313	745 503 313	230/240 V AC
HD4	Housing for 4 lights	745 104 313	745 504 313	230/240 V AC
HD5	Housing for 5 lights	745 105 313	745 505 313	230/240 V AC



NOTE:

The supply voltage 24 V AC/DC, 110/120 V DC or 230/240 V AC is determined by selecting the housing in the desired voltage. The built-in light and sound modules always operate with 24 V only.

How to order HALF DOME 90



Configuration 230 V AC	position	type	order no. in catalogue	correct order no.
LED steady light red	3	HDL	745 00C 900P	745 002 900C
LED flashing light amber	2	HDB	745 01C 900P	745 011 900B
LED steady light green	1	HDL	745 00C 900P	745 006 900A
buzzer continuous/pulsing		HDZ	745 020 900	745 020 900
grey housing 3 positions		HD3	745 103 313	745 103 313

Colour code for lens

1	amber	5	blue
2	red	6	green
4	clear	7	yellow



Position letter code

E	5 th position from base
D	4 th position from base
C	3 rd position from base
B	2 nd position from base
A	1 st position from base



Configuration 230/240 V AC	position	type	order no. in catalogue	correct order no.
LED steady light clear	5	HDL	745 00C 900P	745 004 900E
LED flashing light blue	4	HDB	745 01C 900P	745 015 900D
LED steady light red	3	HDL	745 00C 900P	745 002 900C
LED flashing light yellow	2	HDB	745 01C 900P	745 017 900B
LED steady light green	1	HDL	745 00C 900P	745 006 900A
chrome housing 5 positions		HD5	745 505 405	745 505 405