

# Combination Signal 100 dB (A) / 3 Joule Series YL20



- > Max sound output 100 db (A) / 1 m
- > Parabolic reflector produces high intensity light output (3 J)
- > Fully integrated sounder strobe combination unit
- > 32 selectable tones meeting international regulations
- > Volume control as standard
- > Separate light, sound or combination function
- > Single stage alarm
- > Unique compact design

www.stahl.de



14618E00

E5

**Yodalight range**  
Multi-purpose audible and visual signalling device designed for indoor industrial applications.

### Approvals

Certificates	 0086-CPR-96705	BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A2 : 2006
	 KM 91259	BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A2 : 2006

### Selection Table

Version	Enclosure colour	Rated operational voltage	Lens colour	Order number	Art. no.	Weight
YL20 Sounder/ Strobe combination, standard devices	red normal (RN)	24 V DC	amber	YL20/D10/A/RN	204445	0.290
			red	YL20/D10/R/RN	204453	0.290
			clear	YL20/D10/C/RN	204451	0.290
	white (WN)	24 V DC	amber	YL20/D10/A/WN	204448	0.290
			red	YL20/D10/R/WN	204457	0.290
			clear	YL20/D10/C/WN	204452	0.290

Note for indoor use only

**WebCode YL20A**

# Combination Signal 100 dB (A) / 3 Joule Series YL20



## Technical Data

### Electrical data

Rated operational voltage	24 V DC	
Current consumption	24 V DC	33 mA at tone 1
Operational parameters	+ or - 10% of nominal	

### Acoustic data

Volume	max. 100 dB (A)
Sound stages	1
Sound selection	via DIL switch

### Luminous characteristics

Light source	Xenon flash tube
Flash energy	3 J
Flash rate	1 per second
Lens colour	amber, red, clear

### Ambient conditions

Operating temperature range	-25 ... +55 °C
Storage temperature	- 40 ... + 70 °C
Max. relative humidity	90 % at 40 °C

### Mechanical data

Material	
Enclosure	flame retardant ABS
Lens cover	polycarbonate
Assembly parts	stainless steel fixings
Labels	polyester foil, adhesive
Degree of protection	IP21C

### Mounting / Installation

Assembly	Should be mounted to a reasonably flat wall or bulkhead of suitable material using the internal fixing holes. The installation is completed by fitting the unit onto the back box by means of the screws provided.
Connection	V DC variants separate input and output 2,5mm <sup>2</sup> terminals V AC variants 2,5mm <sup>2</sup> terminals

### Dimensional Drawings (All Dimensions in mm [inches]) - Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.