# **KS 50 Elements Quick Selection Guide**

STEP 1 - Optical Elements Quick Selection								
Type of Light Part Color Operating Price								
Type of Light	Number		00101	Voltage	11100			
	<u>84610000</u>		Red		\$23.50			
Incandescent	<u>84620000</u>		Green	12-240V	\$23.50			
Permanent*	<u>84630000</u>		Yellow	AC/DC	\$23.50			
	<u>84640000</u>	Ш	Clear		\$23.50			
	<u>84650000</u>		Blue		\$23.50			
	<u>95584035</u>		Clear	24VDC	\$8.75			
Bulbs	<u>95584038</u>	19	Clear	230VAC	\$8.75			
	<u>95584057</u>	-	Clear	115VAC	\$8.75			
	<u>84810055</u>		Red		\$76.00			
	<u>84820055</u>		Green		\$76.00			
	<u>84830055</u>		Yellow	24V AC/DC	\$76.00			
	<u>84840055</u>		Clear		\$116.00			
LED	<u>84850055</u>	Ш	Blue		\$116.00			
Permanent	<u>84810067</u>		Red		\$88.00			
	<u>84820067</u>		Green	115VAC	\$88.00			
	<u>84830067</u>		Yellow		\$88.00			
	<u>84840067</u>		Clear		\$116.00			
	<u>84850067</u>		Blue		\$129.00			
	<u>84811075</u>	П	Red		\$76.00			
	84821075		Green		\$76.00			
	<u>84831075</u>		Yellow	24V AC/DC	\$76.00			
	<u>84841075</u>		Clear		\$101.00			
LED	<u>84851075</u>		Blue		\$116.00			
Blinking Light	<u>84811067</u>		Red		\$88.00			
	84821067		Green		\$88.00			
	<u>84831067</u>		Yellow	115VAC	\$88.00			
	<u>84841067</u>		Clear		\$129.00			
	<u>84851067</u>		Blue		\$129.00			
	<u>84812055</u>		Red		\$151.00			
LED	84822055		Green		\$175.00			
Flashing Light	<u>84832055</u>		Yellow	24VDC	\$151.00			
Element	<u>84842055</u>		Clear		\$201.00			
	84852055		Blue		\$201.00			

STEP 2 - Audible Elements Quick Selection Guide							
Part Number	Description	Voltage	Tone Frequency	Maximum Volume	Price		
84900075	D	24V AC/DC	2.1 kHz	80dB	\$64.00		
84900077	Buzzer element	115V AC/DC			\$67.00		

STEP 3 - Terminal Element Quick Selection							
Part Number	r Description Mounting Price						
<u>84500000</u>	Screw terminal element for KS 50	surface, tube, single-hole or bracket mount	\$31.50				

STEP 4 - Mounting Options/Accessories Quick Selection						
Part Number	Description	Price				
97584510	Anodized tube, 100mm [3.94 in] long	\$13.50				
97584025	Anodized tube, 250mm [9.84 in] long	\$17.00				
97584040	Anodized tube, 400mm [15.75 in] long	\$22.50				
97584060	Anodized tube, 600mm [23.62 in] long	\$30.00				
97584080	Anodized tube, 800mm [31.49 in] long	\$38.50				
97584003	Anodized tube, 1000mm [39.37 in] long	\$52.00				
97584090	Plastic base for 25mm [0.98 in] diameter tube	\$14.50				
97584091	Metal base for 25mm [0.98 in] diameter tube	\$22.50				
96000030	Foldaway base for 25mm [0.98 in] diameter tube	\$60.00				
97584501	Base for surface mounting, includes rubber seal	\$16.50				
97584502	Bracket for wall mounting	\$23.50				

STEP 5 - Contact Boxes & Brackets Quick Selection						
Part Number	Description	Price				
<u>97584001</u>	Contact box with side exit cable	\$20.00				
<u>97584004</u>	Contact box with magnetic base and side exit cable	\$55.00				
96000014	Bracket for base mounting with concealed cable entry	\$22.00				
96000001	Bracket for base mounting	\$18.00				



KS 50 LED Light Element

# **KS 50 Optical Elements Specifications**

	KS 50 Optical Elements Technical Specifications										
Part Number	Color	Drawing Link	Description	Operating Voltage	Current Consumption	Starting Current	Operating Temp/ Protection	Life Duration	Flash Frequency	Housing Material	Weight g [oz]
84610000	Red	<u>PDF</u>		12-240V AC/DC (bulb sold separately)	Depends on bulb selection. (bulb sold separately)	-	-20 to 50°C				
84620000	Green	<u>PDF</u>	Incandescent								
<u>84630000</u>	Yellow	PDF	Permanent				[-4 to 122°F]	up to 5,000h	-	Polycarbonate	40 [1.41]
<u>84640000</u>	Clear	<u>PDF</u>	Light				IP54				
<u>84650000</u>	Blue	PDF									
<u>84810055</u>	Red	<u>PDF</u>			max. 45mA			up to 100,000h	-	Polycarbonate	
84820055	Green	<u>PDF</u>				max. 500mA	-20 to 50°C				45 [1.59]
84830055	Yellow	<u>PDF</u>		24V AC/ DC			[-4 to 122°F]				
84840055	Clear	<u>PDF</u>				00011111	IP54				
<u>84850055</u>	Blue	PDF	LED Permanent								
<u>84810067</u>	Red	<u>PDF</u>	Light Element	115VAC	max. 25mA	-	-20 to 50°C		-	Polycarbonate	45 [1.59]
<u>84820067</u>	Green	PDF									
<u>84830067</u>	Yellow	PDF					[-4 to 122°F]	to 122°F] up to 100,000h IP54			
<u>84840067</u>	Clear	PDF					IP54				
<u>84850067</u>	Blue	PDF									
<u>84811075</u>	Red	<u>PDF</u>			max. 25mA	max. 500mA		up to 100,000h	1Hz on for 550ms	Polycarbonate	45 [1.59]
84821075	Green	<u>PDF</u>		24V AC/ DC			-20 to 50°C				
<u>84831075</u>	Yellow	<u>PDF</u>					[-4 to 122°F]				
<u>84841075</u>	Clear	PDF					IP54				
<u>84851075</u>	Blue	<u>PDF</u>	LED Blinking Light								
<u>84811067</u>	Red	PDF	Element			-	-20 to 50°C [-4 to 122°F] up to 100,000h		1Hz on for 550ms	Polycarbonate	45 [1.59]
<u>84821067</u>	Green	<u>PDF</u>									
<u>84831067</u>	Yellow	PDF		115VAC	max. 25mA						
<u>84841067</u>	Clear	<u>PDF</u>						011 101 3301113		[1.53]	
<u>84851067</u>	Blue	PDF									
<u>84812055</u>	Red	PDF		t 24VDC	45mA	max. 500mA		-	1Hz on for 10ms		56 [1.98]
<u>84822055</u>	Green	PDF	LED Flashing Light Element		40mA		-20 to 50°C			Polycarbonate	
<u>84832055</u>	Yellow	PDF			45mA		[-4 to 122°F]				
<u>84842055</u>	Clear	PDF			40mA		IP54				
84852055	Blue	<u>PDF</u>			40mA						





Bulbs for Incandescent Permanent Optical Element							
Part Description Wattage Voltage Life Duration							
95584035	Bulb for		24VDC				
<u>95584038</u>	Incandescent Light	5W	230VAC	up to 5,000h			
<u>95584057</u>	BA15d Bayonet Socket		115VAC	3,00011			

KS 50 Incandescent Permanent Light Element

www.automationdirect.com Pilot Devices tPIL-258

# Configuring Your KombiSIGN 50 Stack Light

#### STEP 1

Select the required optical elements for your application

#### STEP 2

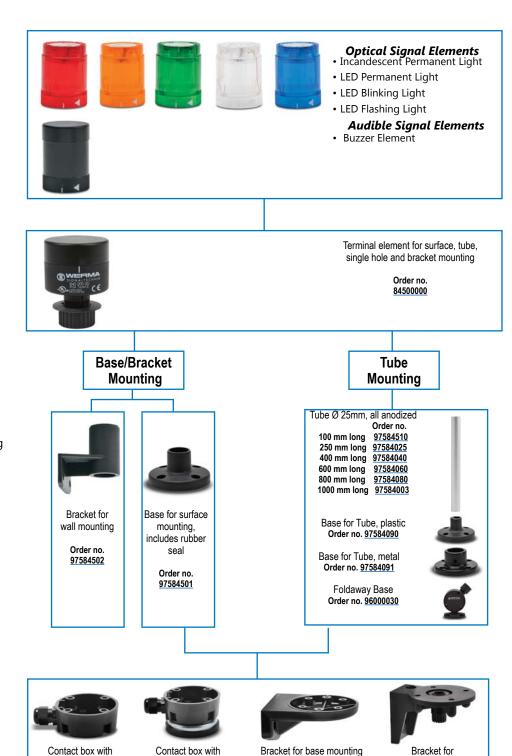
Select the optional audible element for your application

### STEP 3

Select the terminal element for your mounting option (includes cap)

#### STEP 4

Select the appropriate mounting option and accessories



### STEP 5

Where appropriate, select the bracket and the contact box

side cable exit

Order no. 97584001

magnetic base and

side cable exit

Order no. 97584004

base mounting

Order no. 96000001

with concealed cable entry

Order no. 96000014

# Werma Modular Stack Lights Overview



### **Description**

WERMA's modular stack light system offers total choice and flexibility as it allows for a completely free combination of optical and audible signal elements. The bayonet mechanism allows elements to be mechanically and electrically connected within seconds.

This means that elements can be safely and easily changed (contact-voltage proof) without the need for tools.

Typical product applications include; machine tools, packaging machines, conveyor systems, printing machines, loading docks, retail centers (check outs), queuing indicators for theme parks, and more.

### **Product highlights:**

- Signal elements in common voltages (24V DC and 115V AC)
- Modular system allows combination as required
- Two different sizes (70 and 50 mm diameter)
- · Five colors available
- Wide range of audible elements
- Diverse and flexible solutions

### Simple assembly with bayonet mechanism

- Simple mounting and removal of the elements
- New combinations at the twist of a hand
- Tool-free bulb change
- Position marks to guide alignment













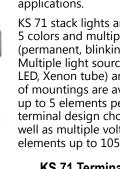
www.automationdirect.com

# Werma Stack Lights Family Overview

### KombiSIGN 71

Modular IP65-rated stack light system with 70 mm diameter for use in standard applications.

KS 71 stack lights are available in 5 colors and multiple light effects (permanent, blinking, rotating, flashing). Multiple light sources (incandescent, LED, Xenon tube) and a wide variety of mountings are available. Combine up to 5 elements per terminal. Various terminal design choices are available as well as multiple voltages and audible elements up to 105 dB.



# KombiSIGN 50

Modular IP54-rated stack light system with 50 mm diameter for use on smaller machines.

KS 50 stack lights are available in 5 colors with either permanent or blinking light effects in multiple voltages. A choice of incandescent or LED light sources is available as well as an 80 dB audible element. Elements can be combined in a variety of mountings, up to 4 elements per mounting for 360° of visibility.







Screw terminal









#### **KS 71 Terminal Elements**



Screw terminals



CAGE CLAMP® terminals

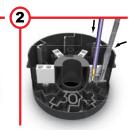


## Safe and Efficient Connection Thanks to CAGE CLAMP Technology

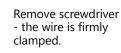
Terminal elements with CAGE CLAMP® technology enable leads to be quickly and easily wired, guaranteeing a secure and reliable contact.











Insert screwdriver at a slight angle into opening as far as possible.

Open spring-loaded clamp with the help of the screwdriver and insert wire as far as possible.

CAGE CLAMP is a registered trademark of WAGO Kotakttechnik GmbH.