KS 71 Optical Elements Specifications

		_	0								
	1	1	Upti	cal Elem	ents lec	nnical	Specification	S			
Part Number	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp/ Protection	Life Duration	Flash Frequency	Housing Material	Weight g [oz]
<u>64110000</u>	Red	PDF	Incandescent	12-240 V	Depends						
<u>64120000</u>	Green	PDF	Permanent	Depends	on bulb		-20 to 60°C				
<u>64130000</u>	Yellow	PDF	Light Element	on bulb selection.	selection.	-	[-4 to 140°F]	up to	-	Polycarbonate	55 [1.94]
<u>64140000</u>	Clear	PDF	with B15d Bayonet	(bulb sold	· ·	(bulb sold separately)	IP65				[1.54]
<u>64150000</u>	Blue	PDF	Socket	separately)	separately)						
<u>64410075</u>	Red	PDF			max. 30mA						
<u>64420075</u>	Green	PDF			max. 25mA						58 [2.05]
<u>64430075</u>	Yellow	PDF		24V AC/DC	max. 30mA	max.	-20 to 50°C [-4 to 122°F]	up to 100,000h			
<u>64440075</u>	Clear	PDF			max. 25mA	500mA	[-4 (0 122 1]	100,00011	-	Polycarbonate	[2.00]
<u>64450075</u>	Blue	PDF			max. 25mA		IP65				
<u>64445055</u>	Multi	PDF	LED Permanent Light Element	24VDC	max. 120mA			up to 50,000h			63 [2.22]
<u>64410067</u>	Red	PDF									
<u>64420067</u>	Green	PDF					-20 to 50°C	un to			58
<u>64430067</u>	Yellow	PDF		115VAC max.	max. 20mA	-	[-4 to 122°F]	up to 100,000h	-	Polycarbonate	58 [2.05]
<u>64440067</u>	Clear	PDF					IP65				[2.00]
<u>64450067</u>	Blue	PDF									
<u>64412055</u>	Red	PDF					00 / 5000				75
<u>64422055</u>	Green	PDF	LED Flashing Light Element			max.	-20 to 50°C [-4 to 122°F]	up to	1Hz		
<u>64432055</u>	Yellow	PDF		24VDC	35mA	500mA	[-4 (0 122 1]	50,000h	on for 2x10	Polycarbonate	[2.65]
<u>64442055</u>	Clear	PDF					IP65		ms		[=:=:]
<u>64452055</u>	Blue	PDF									
<u>64310055</u>	Red	PDF			24VDC 125mA max. 500mA	-20 to 50°C				73	
<u>64320055</u>	Green	PDF				25m4		1Hz			
<u>64330055</u>	Yellow	PDF		24VDC			[4 (0 122 1]	4,000,000	on for 10 ms	Polycarbonate	[2.57]
<u>64340055</u>	Clear	PDF					IP65	flashes			
<u>64350055</u>	Blue	PDF	Xenon Flashing				-20 to 50°C	up to 4,000,000 flashes on			74 [2.61]
<u>64310067</u>	Red	PDF	Light Element								
<u>64320067</u>	Green	PDF					[-4 to 122°F]		1Hz		
<u>64330067</u>	Yellow	PDF		115VAC	22mA	2mA –	[10 122 1]		on for 10 ms	Polycarbonate	
64340067	Clear	PDF					IP65	11031103			
<u>64350067</u>	Blue	PDF									
<u>64411075</u>	Red	PDF			max. 30mA		-20 to 50°C				
<u>64421075</u>	Green	PDF PDF		24V AC/DC	max. 25mA	max.	[-4 to 122°F]	up to	1Hz	Dolygorhangt	58
<u>64431075</u>	Yellow	PDF PDF		24V AC/DC	max. 30mA	500mA		100,000h	on for 550 ms	Polycarbonate	[2.05]
<u>64441075</u> 64451075	Clear Blue	PDF PDF			max. 25mA max. 25mA		IP65				
<u>64451075</u> 64411067	Red	PDF	LED Blinking Light Element		IIIdx. 20111A						
64421067	Green	PDF					-20 to 50°C				
64431067	Yellow	PDF		115VAC	max. 20mA	_	[-4 to 122°F]	up to	1Hz	Polycarbonate	58
64441067	Clear	PDF		TIJVAG	111ax. 20111A	-	100-	100,000h	on for 550 ms	i oiycaiDonale	[2.05]
64451067	Blue	PDF					IP65				
64413075	Red	PDF									
64423075	Green	PDF					-20 to 50°C				
64433075	Yellow	PDF	LED Rotating Light Element	24V AC/DC	max. 40mA	max.	[-4 to 122°F]	up to	120 rotations	Polycarbonate	67
64443075	Clear	PDF		ZAV AUDU	111aA. 40111A	500mA	IDAS	100,000h	per minute	i orycarbonale	[2.36]
<u>64443075</u>		PDF					IP65				
04403070	Blue				1		1				



Terminal Pin Activation of Multi-Color LED Permanent Light Element								
Pin 1	Pin 2	Pin 3	Function					
24V	-	-	Red					
-	24V	-	Green					
24V	24V	-	Yellow					
-	-	24V	Blue					
24V	24V	24V	White					
24V	-	24V	Violet					
-	24V	24V	Turquoise					

Bulbs for Incandescent Permanent Optical Element								
Part Number	Description	Wattage	Voltage	Life Duration				
<u>95584035</u>	Bulb for		24VDC	up to				
<u>95584038</u>	incandescent	5W	230VAC					
<u>95584057</u>	light BA15d Bayonet Socket	577	115VAC	5,000h				

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KS 71 Audible Elements Specifications

	KS 71 Audible Elen	nents Specification	S				
Part Number	<u>64580075</u>	<u>64580077</u>	<u>64585055</u>				
Price	\$0a9g:	\$0a9h:	\$-00a9I:				
Drawing Link	PDF	PDF	PDF				
Description	Buzzer	Element	Multi-functional Siren				
Voltage	24V AC/DC 115VAC 24VDC						
Current Consumption	≤ 25mA ≤ 80mA						
Tone Frequency	1.7	kHz	1.6 to 3.4 kHz				
Maximum Volume	85	dB	100dB				
Tone Type	Continuous/Pu	ulse Selectable	Up to 7 tones externally triggered				
Life Duration		> 5000h					
Operating Temperature	-4 to 122°F [-20 to 50°C]						
Weight	74g [2.61 oz]	82g [2.89 oz]	77g [2.72 oz]				
Housing Material	Polyca	rbonate	ABS, Polycarbonate				

Note: Refer to insert for wiring diagram.

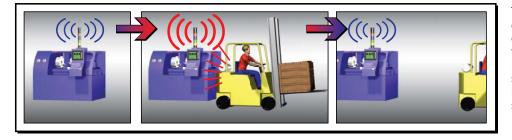
Number of tones available are limited by number of elements in stack.

Siren Element with Self-Adjusting Sound Output

- Automatic sound output adjustment between 80 and 100 dB
- Continual measurement of the ambient noise level
- Sound output is about 5 dB louder than the background noise level
- Ideal for applications with changing ambient sound levels



	KS 71 Self-Adjusting Siren Element									
Part Number	Price	Drawing Link	Technical Specifications							
			Housing	Polycarbonate						
			Tone type	Pulse tone						
	\$-00a9i:	PDF	Tone frequency	2.5 kHz						
			Sound output	80dB - max. 100dB						
64594055			Operating Voltage	24VDC						
<u>64581055</u>			Starting Current	< 500mA						
			Current consumption	≤ 150mA						
			Life Duration	> 5000h						
			Weight	125g [4.41 oz]						
			Temperature Range	-4 to 122°F [-20 to 50°C]						



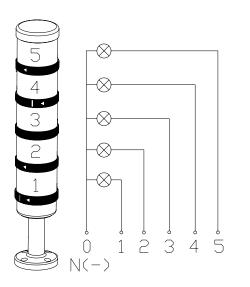
The siren element adjusts its sound output through continual measurement of the ambient noise level. The emitted tone is about 5dB louder than the background noise level. The warning signal can always be heard without being irritatingly loud for people in the siren's vicinity.

KS 71 Terminal Elements Specifications

	KS 71 Termi	inal Element Spec	ifications				
Part Number	<u>64082000</u>	<u>64080000</u>	<u>64083000</u>	<u>64081000</u>			
Price	\$0a89:	\$0a87:	\$0a8a:	\$0a88:			
Drawing Link	PDF	PDF	PDF	PDF			
Description	Screw terminal element with cap and seal	Screwless terminal element with cap and seal	Screw terminal element with cap	Screwless terminal element with cap			
Mounting	Base and Bra	cket Mounting	Tube M	lounting			
Connection	max. 2.5 mm² - single wire M3 Clamps	max. 2.5 mm ² CAGE CLAMP® technology	max. 2.5 mm² - single wire M3 Clamps	max. 2.5 mm ² CAGE CLAMP® technology			
Cable Entry		Cable diameter ma	ax. 14mm [0.55 in]				
Operating Temperature		-20 to 50°C	[-4 to 122°F]				
Torque	max 0.4 N·m	-	max 0.4 N·m	-			
Gauge		AWG 18 t	o AWG 14				
Weight	83g [2.93 oz]	75g [2.65 oz]	84g [2.96 oz]	77g [2.72 oz]			
Housing Material		Polyamide Glass	Fiber-Reinforced				



Screw terminal element M3 clamps (including cap)







64080000

Terminal element with CAGE CLAMP® technology (including cap and seal)

I-800-633-0405 For the latest prices, please che KS 71 Mounting Hardware Specifications

		KS	71 Mounting Hardwa	re Specifica	tions		
Part Number		Price	Description	Drawing Link	Operating Temp	Material	Weight g [oz]
	97584510 \$;-0ej,:		Tube, 100 mm [3.94 in]	<u>PDF</u>			30 [1.06]
	<u>97584025</u>	\$;-0ej!:	Tube, 250 mm [9.84 in]	PDF			73 [2.57]
	<u>97584040</u>	\$-0ej?:	Tube, 400 mm [15.75 in]	<u>PDF</u>	-20 to 50°C	Anodized	120 [4.23]
	<u>97584060</u>	\$-0ej_:	Tube, 600 mm [23.62 in]	<u>PDF</u>	[-4 to 122°F]	Aluminum	180 [6.35]
	<u>97584080</u>	\$-0ej#:	Tube, 800 mm [31.49 in]	<u>PDF</u>			236 [8.32]
	<u>97584003</u>	\$;-0ej[:	Tube, 1000 mm [39.37 in]	PDF			296 [10.44]
	96000018 \$-0ejz: Tube with clamp		Tube with clamp	PDF	-	Polyamide Tube Steel Clamp	175 [6.17]
	<u>97584010</u>	\$0eah:	Base with integrated tube	PDF	-20 to 50°C [-4 to 122°F]	Polyamide Glass- Reinforced	63 [2.22]
-	<u>97584090</u>	\$-0eai:	Plastic base for 25mm [0.98 in] diameter tube	PDF	-20 to 50°C [-4 to 122°F]	Polyamide Glass- Reinforced	40 [1.41]
5	<u>97584091</u>	\$0ea9:	Metal base for 25mm [0.98 in] diameter tube	PDF	-20 to 50°C [-4 to 122°F]	Anodized Aluminum	110 [3.88]
	<u>96000031</u>	\$;-ej]:	Plastic tube for foldaway base	PDF	-20 to 50°C [-4 to 122°F]	Polythylene	13 [0.46]

1-800-633-0405 **KS 71 Brackets & Contact Boxes Specifications**

	Brac	kets & Co	ontact Boxes Tech	nical Sp	ecification	S	
Part Number		Price	Description	Drawing Link	Temp. Range	Material	Weight g [oz]
	<u>97584001</u>	\$;04[h:	Contact box with side cable exit, with mounting material	<u>PDF</u>	-30 to 60°C [-22 to 140°F]	Polyamide	71 [2.50]
	<u>97584004</u>	\$;-04[i:	Contact box with magnetic base and side cable exit	PDF	-30 to 60°C [-22 to 140°F]	Polyamide	316 [11.15]
	<u>97584085</u>	\$05hb:	Bracket for 1-sided mounting, including rubber seals	PDF	-20 to 60°C [-4 to 140°F]	Polyamide	78 [2.75]
	<u>97584086</u>	\$05hc:	Bracket for 2-sided mounting, including rubber seals	PDF	-20 to 60°C [-4 to 140°F]	Polyamide	76 [2.68]
	<u>96000001</u>	\$05h8:	Bracket for base mounting with cable gland	<u>PDF</u>	-20 to 50°C [-4 to 122°F]	Polyamide	57 [2.01]
	<u>96000002</u>	\$05h9:	Bracket for surface mounting with cable gland	<u>PDF</u>	-20 to 50°C [-4 to 122°F]	Polyamide	40 [1.41]
	<u>96000014</u>	\$05ha:	Bracket for base mounting with concealed cable entry, including rubber seals	PDF	-20 to 50°C [-4 to 122°F]	Polyamide	80 [2.82]

1-800-633-0405 For the latest p Foldaway Base for KS 71 and KS 50

Features

- The signal tower can be folded away while still connected
- Minimizes packaging costs and optimizes machine transportation
- Simple mounting and cable entry for up to 14 mm diameter cables
- Vertical alignment of signal towers even on sloping surfaces
- Positioning in 7.5° steps, markings for 30, 45, 60, or 90 degrees

Foldaway Base for KS 71 and KS 50									
Part Number Price Drawing Link Technical Specifications									
		PDF	Material	Polyamide Glass Fiber-Reinforced					
			Cable Diame		Max. 14mm [0.55 in]				
<u>96000030</u>	\$0ea8:		Assembly	Includes rubber seals					
			Fixing	Vertical or horizontal positioning					
			Weight	165g [5.82 oz]					



KS 71 Adapters Specifications

	KS 71 Adapters Specifications									
Part Number Price Drawing Link Description Temperature Range Weig g [or										
<u>96000004</u>	<u>\$-4iq:</u>	PDF	Cable gland for surface mounting	-20 to 50°C [-4 to 122°F]	10 [0.35]					
<u>96000025</u>	<u>\$04bz:</u>	PDF	Adapter for single hole mounting	-20 to 50°C [-4 to 122°F]	165 [5.82]					
<u>97584002</u>	<u>\$;04b]:</u>	PDF	Adapter for tube mounting	-20 to 50°C [-4 to 122°F]	81 [2.86]					



<u>96000004</u>





97584002

1-800-633-0405 Configuring Your KombiSIGN 71 Stack Light

STEP 1

Select the required optical elements for your application

STEP 2

Select the optional audible elements for your application

STEP 3

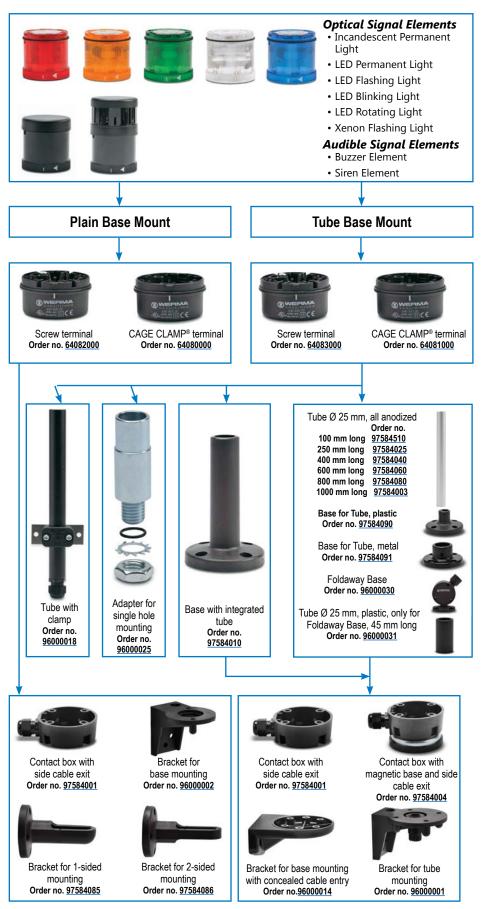
Select the correct terminal element for your mounting option (includes cap)

STEP 4

Where appropriate, select a base and the desired tube length (only for tube mounting)

STEP 5

Where appropriate, select the bracket and the contact box.



I-800-633-0405 For the latest prices, ple

			STEP 1	- Optical	Eleme	nts Quick Sele	ection Guid	e _			
Type of Light	Part Number		olor	Operating Voltage	Price	Type of Light	Part Number		olor	Operating Voltage	Price
	<u>64110000</u>		Red		\$0a8b:		<u>64310055</u>		Red		\$00a8g:
	<u>64120000</u>		Green	Depends on	\$0a8c:		<u>64320055</u>		Green		\$-00a8i:
Incandescent Permanent*	<u>64130000</u>		Yellow	bulb selection (bulb sold	\$0a8d:		<u>64330055</u>		Yellow	24VDC	\$00a8k:
rennament	<u>64140000</u>		Clear	separately)	\$0a8e:		<u>64340055</u>		Clear		\$00a8n:
	<u>64150000</u>		Blue		\$;0a8f:	Xenon	<u>64350055</u>		Blue		\$00a8p:
	<u>95584035</u>			24V AC/DC	\$eca:	Flashing Light	<u>64310067</u>		Red		\$00a8h:
Incandescent	<u>95584038</u>	ANT.	Clear	230VAC	\$ecb:		<u>64320067</u>		Green		\$-00a8j:
Bulbs	05594057	-	Clear	115V AC/DC	¢	-	<u>64330067</u>		Yellow	115VAC	\$-00a8l:
	<u>95584057</u>	5		115V AC/DC	\$ecc:		<u>64340067</u>		Clear		\$00a8o:
-	<u>64410075</u>		Red	24V AC/DC	\$;0a8t:		<u>64350067</u>		Blue		\$00a8q:
	<u>64420075</u>		Green		\$;0a8]:	-	<u>64411075</u>		Red		\$0a8v:
	<u>64430075</u>		Yellow		\$;0a8,:		<u>64421075</u>		Green		\$0a8_:
	<u>64440075</u>		Clear		\$0a95:		<u>64431075</u>		Yellow	24V AC/DC	\$0a91:
	<u>64450075</u>		Blue		\$0a9b:		<u>64441075</u>		Clear		\$00a97:
LED Permanent	<u>64445055**</u>		Multi	24VDC	\$00?a9:	LED	<u>64451075</u>		Blue		\$00a9d:
remanent	<u>64410067</u>		Red		\$0a8s:	Blinking Light	<u>64411067</u>		Red		\$0a8u:
	64420067		Green		\$0a8z:		<u>64421067</u>		Green		\$;0a8[:
	<u>64430067</u>		Yellow	115VAC	\$0a8?:]	<u>64431067</u>		Yellow	115VAC	\$0a90:
	64440067		Clear		\$00a94:]	<u>64441067</u>		Clear		\$00a96:
	64450067		Blue		\$00a9a:	1	<u>64451067</u>		Blue		\$00a9c:
	<u>64412055</u>		Red		\$00a8x:		<u>64413075</u>		Red		\$00a8y:
	64422055		Green		\$00a8#:	1	<u>64423075</u>		Green		\$;00a8!:
LED Flashing Light	64432055		Yellow	24VDC	\$00a92:	LED Rotating Light	<u>64433075</u>		Yellow	24V AC/DC	\$00a93:
riasiiiiy Liyiil	64442055		Clear		\$00a98:		<u>64443075</u>		Clear		\$00a99:
	64452055		Blue		\$00a9e:	1	64453075		Blue		\$;00a9f:

* Bulbs are required for permanent incandescent optical element.

** The multicolor element can be combined with up to 2 additional signal elements.

STEP 2 - Audible Elements Selection											
Part Number	Description	Voltage	Tone Frequency	Max. Volume @ 1m	Price						
<u>64580075</u>	Buzzer element	24V AC/DC	1.75 kHz	85dB	\$0a9g:						
<u>64580077</u>	Duzzer element	115VAC		OUUD	\$0a9h:						
<u>64585055</u>	Multi-functional siren, external trigger	24VDC	1.6 / 3.4 kHz	100dB	\$-00a9l:						
<u>64581055</u>	Siren element with self- adjusting sound output	24VDC	2.5 kHz	100dB	\$-00a9i:						

STEP 5 - Contact Boxes & Brackets Selection

Mounting Option	Part Number	Description	Price	
Plain Base Mount	<u>97584001</u>	Contact box with side exit cable	\$;04[h:	
	<u>96000002</u>	Bracket for base mounting	\$05h9:	
	<u>97584085</u>	Bracket for 1-sided mounting	\$05hb:	
	<u>97584086</u>	Bracket for 2-sided mounting	\$05hc:	
Tube Base Mount	<u>97584001</u>	Contact box with side exit cable	\$;04[h:	
	<u>97584004</u>	Contact box w/ magnetic base and side cable exit	\$;-04[i:	
	<u>96000014</u>	Bracket for base mounting w/ concealed cable entry	\$05ha:	
	<u>96000001</u>	Bracket for tube mounting	\$05h8:	

STEP 3 - Terminal Elements Selection						
Part Number	Description	Mounting	Price			
<u>64082000</u>	Screw terminal with M3 clamps	base bracket	\$0a89:			
<u>64080000</u>	Terminal element with CAGE CLAMP® technology		\$0a87:			
<u>64083000</u>	Screw terminal with M3 clamps		\$0a8a:			
<u>64081000</u>	Terminal element with CAGE CLAMP® technology	tube	\$0a88:			

STEP 4 - Tube Mounting/Act	cessories Selection
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Part Number	Description	Price
<u>97584510</u>	Anodized tube, 100mm [3.94 in] long	\$;-0ej,:
<u>97584025</u>	Anodized tube, 250mm [9.84 in] long	\$;-0ej!:
<u>97584040</u>	Anodized tube, 400mm [15.75 in] long	\$-0ej?:
<u>97584060</u>	Anodized tube, 600mm [23.62 in] long	\$-0ej_:
<u>97584080</u>	Anodized tube, 800mm [31.49 in] long	\$-0ej#:
<u>97584003</u>	Anodized tube, 1000mm [39.37 in] long	\$;-0ej[:
<u>96000018</u>	Tube with clamp	\$-0ejz:
<u>96000025</u>	Adapter for single-hole mounting	\$04bz:
<u>97584010</u>	Base with integrated tube	\$0eah:
<u>97584090</u>	Plastic base for 25mm [0.98 in] diameter tube	\$-0eai:
<u>97584091</u>	Metal base for 25mm [0.98 in] diameter tube	\$0ea9:
<u>96000031</u>	Plastic tube for foldaway base	\$;-ej]:
<u>97584002</u>	Adapter for tube mounting	\$;04b]:
<u>96000004</u>	Cable gland for surface mounting	\$-4iq:
<u>96000030</u>	Foldaway base	\$0ea8: