WERMA SIGNALTECHNIK Signal Devices

Visual 98mm Base Mount Beacons
Features

- Choose from permanent incandescent, permanent LED, flashing Xenon, EVS (Enhanced Visibility System) flashing LED, and rotating models
- Base mount installation
- 98mm diameter
- Light-intensive Xenon flash in flash models
- Bulb not included with 826 incandescent models
- 25W bulb included with 827 incandescent models
- Various mounting accessories available
- 2-year warranty

CE c UL us RoHS COMPLIANT

2 YEAR WARRANTY

Visual 98mm Base Mount Beacons 826, 827, and 828 Series Selection Chart													
Part Number	Price	Color	Drawing link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals
74mm Base Mount													
82610000	$39.50	Red	PDF	Incandescent Permanent Light 98mm	12–240V AC/DC max (depends on bulb selection; bulb sold separately)	Depends on bulb selection. (bulb sold separately)	-	-4 to 122˚F [-20 to 50˚C] IP65 when mounted	Up to 5,000h	Polycarbonate cap Polycarbonate/ ABS base	180 [6.35]	Terminal screws Max 2.5 mm² AWG 16–14 Cable diameter 5–8 mm	cULus file E164155, CE, RoHS
82620000	$43.00	Green	PDF										
82630000	$39.50	Yellow	PDF										
82640000	$43.00	Clear	PDF										
82650000	$43.00	Blue	PDF										
82710075	$101.00	Red	PDF	Incandescent Blinking Light (1.5 Hz blinking frequency, 5Ws flash energy) 98mm	24V AC/DC	max. 3.0 A	≤ 3.0 A				207 [7.30]		
82720075	$109.00	Green	PDF										
82730075	$101.00	Yellow	PDF										
82740075	$109.00	Clear	PDF										
82750075	$109.00	Blue	PDF										
82710077	$101.00	Red	PDF		115V AC/DC	max. 500mA							
82720077	$109.00	Green	PDF										
82730077	$101.00	Yellow	PDF										
82740077	$109.00	Clear	PDF										
82750077	$109.00	Blue	PDF										
82810055	$122.00	Red	PDF	Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 98mm	24VDC	300mA			4,000,000 flashes		220 [7.76]		
82820055	$129.00	Green	PDF										
82830055	$122.00	Yellow	PDF										
82840055	$129.00	Clear	PDF										
82850055	$207.00	Blue	PDF										
82810067	$122.00	Red	PDF		115VAC	65mA 50–60 Hz							
82820067	$129.00	Green	PDF										
82830067	$122.00	Yellow	PDF										
82840067	$129.00	Clear	PDF										
82850067	$207.00	Blue	PDF										

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

Bulbs

95582635

Bulbs						
Part Number	Price	Description	Wattage	Voltage	For Use With	Life Duration
95582635	$8.25	Bulb for incandescent light BA15d bayonet socket	15W	24V AC/DC	826xxxxx	up to 5,000h
95582637	$8.25			115VAC		
95582638	$8.25			230VAC		
95582735	$8.00	Bulb for blinking incandescent light B15d bayonet socket	25W	24V AC/DC	827xxxxx	up to 2,000h
95582737	$8.00			115VAC		
95588524	$11.50	Halogen bulb G6.35	20W	12V	885xxx78	
95588525	$11.50			24V	885xxx75	

95582735

95588524

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S I G N A L T E C H N I K

Signal Devices

Visual 98mm Base Mount Beacons

Visual 98mm Base Mount Beacons 829 Series Selection Chart

Part Number	Price	Color	Drawing Link	Description	Voltage	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight g [oz]	Connection	Agency Approvals
74mm (Base Mount)													
82910055	$156.00	Red	PDF	Permanent/ Blinking LED (blinking frequency 1.5 Hz) 98mm	24VDC	≤ 150mA	< 500mA	-4 to 122°F [-20 to 50°C] IP65 when mounted	up to 50,000h	Polycarbonate cap Polycarbonate/ ABS base	200 [7.05]	Terminal screw ≤ 2.5 mm² AWG 16–14 Cable diameter 5–7 mm	cULus file E164155, CE, RoHS
82920055	$209.00	Green	PDF										
82930055	$156.00	Yellow	PDF										
82950055	$219.00	Blue	PDF										
82911055	$185.00	Red	PDF	Rotating LED 98mm	24VDC	≤ 170mA					215 [7.58]		
82921055	$283.00	Green	PDF										
82931055	$185.00	Yellow	PDF										
82941055	$283.00	Clear	PDF										
82951055	$283.00	Blue	PDF										
82911068	$214.00	Red	PDF		115–230 VAC	≤ 200mA							
82921068	$312.00	Green	PDF										
82931068	$214.00	Yellow	PDF										
82941068	$312.00	Clear	PDF										
82951068	$312.00	Blue	PDF										
82912055	$167.00	Red	PDF	Double Flash LED 98mm	24VDC	≤ 100mA					205 [7.23]		
82932055	$168.00	Yellow	PDF										
82942055	$255.00	Clear	PDF										
82912068	$188.00	Red	PDF		115–230 VAC	≤ 100mA							
82932068	$188.00	Yellow	PDF										
82942068	$263.00	Clear	PDF										
82913067	$168.00	Red	PDF	Permanent LED 98mm	115VAC	≤ 30mA	≤ 500mA				200 [7.05]		
82923067	$225.00	Green	PDF										
82933067	$168.00	Yellow	PDF										
82953067	$237.00	Blue	PDF										
82915055	$232.00	Red	PDF	Permanent/ blinking / rotating LED 98mm	24VDC	≤ 300mA					205 [7.23]	Terminal screws ≤ 2.5 mm² AWG 24–11 Cable diameter 5–7 mm	
82925055	$381.00	Green	PDF										
82935055	$232.00	Yellow	PDF										
82955055	$381.00	Blue	PDF										
82919055	$206.00	Red	PDF	*Enhanced Visibility System (EVS) flashing LED 98mm	24VDC		< 500mA				215 [7.58]	Terminal screws ≤ 2.5 mm² AWG 16–14 Cable diameter 5–7 mm	
82939055	$206.00	Yellow	PDF										
82949055	$313.00	Clear	PDF										
82919068	$233.00	Red	PDF		115–230 VAC	≤ 150mA							
82939068	$233.00	Yellow	PDF										
82949068	$323.00	Clear	PDF										

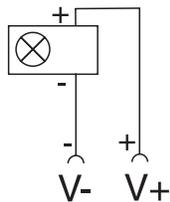*EVS models provide a random flash pattern for increased visibility.
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.
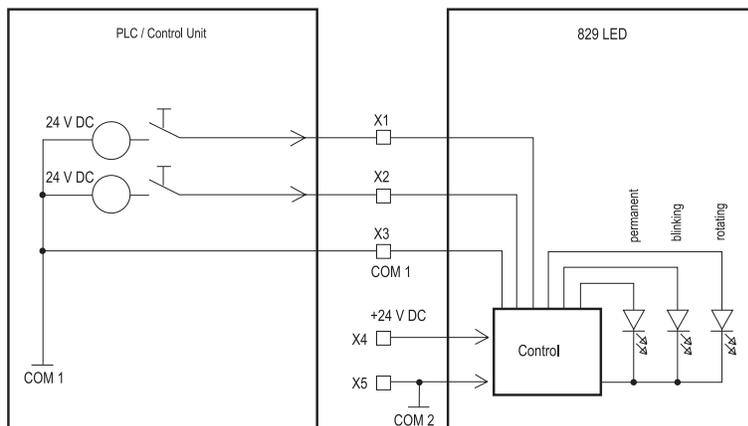
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Visual 98mm Base Mount Beacons

Schematics

826, 827, 828, Series and All 829s except:
82915055, 82925055, 82935055, 82955055

V-   V+

Permanent/Blinking/Rotating LED:
82915055, 82925055, 82935055, 82955055

PLC / Control Unit

829 LED

24 V DC — X1
24 V DC — X2
X3
COM 1

+24 V DC
X4

X5
COM 2

COM 1

Control

permanent   blinking   rotating

With positive logic	
X1	1 = +24 V, 0 = COM 1
X2	1 = +24 V, 0 = COM 1
X3	COM 1
X4	+24 V
X5	COM 2
With negative logic	
X1	1 = -24 V, 0 = COM 1
X2	1 = -24 V, 0 = COM 1
X3	COM 1
X4	+24 V
X5	COM 2

Binary Code (for external triggering)

X1	X2	mode	
0	0	Permanent	ON/Solid
0	1	Rotating	
1	0	Blinking	
1	1	Permanent	ON/Solid

WERMA SIGNALTECHNIK

Signal Devices

Beacon Accessories

WERMA Beacons Accessories						
Part Number	Price	Drawing Link	Description	Operating Temp.	Material	Weight
Installation Beacon Accessories						
97581201	$14.50	PDF	WERMA tube adapter, tube mount, 57mm diameter, black, polyamide. For use with beacons with 37mm (PG 29) mounting installation.	-4 to 122˚F [-20 to 50˚C]	Polyamide / Fiberglass	1.13 g [0.04 oz]
97581202	$14.00	PDF	WERMA surface mounting base, base mount, black, polyamide. For use with beacons with 37mm (PG 29) mounting installation.		Polyamide / Fiberglass with rubber seal	2.83 g [0.1 oz]
97581503	$44.00	PDF	WERMA beacon enclosure, surface mount, 1 hole. For use with beacons with 37mm (PG 29) mounting installation.		Polycarbonate/ ABS blend	8.5 g [0.3 oz]
97581507	$61.00	PDF	WERMA beacon enclosure, surface mount, 2 holes. For use with beacons with 37mm (PG 29) mounting installation.			14.17 g [0.5 oz]
97581508	$80.00	PDF	WERMA beacon enclosure, surface mount, 3 holes. For use with beacons with 37mm (PG 29) mounting installation.			17g [0.6 oz]
97581522	$5.75	PDF	WERMA anti-twist washer, stainless steel. For use with Werma beacons with 37mm (PG 29) mounting installation.		304 Stainless steel	0.57 g [0.02 oz]
Freestanding Beacon Accessories						
96000001	$17.00	PDF	WERMA mounting bracket, tube mount, black, polyamide. For use with 50mm or 70mm terminal elements. M16 x 1.5mm cable gland included.	-4 to 122˚F [-20 to 50˚C]	Polyamide	57g [2.01 oz]
97520901	$20.50	PDF	WERMA plastic base with integrated tube, base mount, 70mm diameter, 110mm length, black, polyamide. For use with 209 or 219 series beacons.		Polyamide	0.1 lbs [1.6 oz]
97520902	$5.75	PDF	WERMA cable gland, M25 x 1.5mm thread type, polyamide, black, accepts 8 to 17mm diameter cable, IP68.		Nylon	0.1 lbs [1.6 oz]
97582603	$43.00	PDF	WERMA galvanized wire guard, steel. For use with 826, 827, 828 or 829 series industrial signal beacons.		Wire D 3mm, chromed	140g [4.93 oz]
97582605	$10.00	PDF	WERMA mounting bracket, wall mount, black, ABS/PC plastic. For use with 826, 827, 828 and 829 series industrial signal beacons.		Polycarbonate/ ABS blend	62g [2.19 oz]

815/816/817

975 812 01

975 815 22

975 812 02

Will adapt to all tubes and tube mounting accessories found in WERMA Stack Light section.

975 815 03
975 815 07
975 815 08

209 x00
209 x10
209 x20
219 x00
219 x10
219 x20

975 209 01

960 000 01

975 209 02