

Optical Signal Devices



98mm Base Mount Beacons

98mm Beacon 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



826, 827, and 828 Series Beacons Technical Specifications												
Description	Voltage	Part Number	Price	Color	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight	Connection	Agency Approvals
74mm (Base Mount)												
Incandescent Permanent Light 98mm	12-240V AC/DC max (depends on bulb selection; bulb sold separately)	82610000	\$35.00	Red	Depends on bulb selection. (bulb sold separately)	-				180g [6.35 oz]		
		82620000	\$38.00	Green								
		82630000	\$35.00	Yellow								
		82640000	\$38.00	Clear								
		82650000	\$38.00	Blue								
Incandescent Blinking Light (1.5 Hz blinking frequency, 5Ws flash energy) 98mm	24V AC/DC	82710075	\$90.00	Red	max. 3.0 A			Up to 5,000h	Polycarbonate cap Polycarbonate/ABS base	207g [7.30 oz]	Terminal screws Max 2.5 mm ² AWG 16-14 Cable diameter 5-8 mm	cULus file E164155, CE, RoHS
		82720075	\$98.00	Green								
		82730075	\$90.00	Yellow								
		82740075	\$98.00	Clear								
		82750075	\$98.00	Blue								
	115V AC/DC	82710077	\$90.00	Red	max. 500 mA	≤ 3.0 A	-4°F to 122°F [-20°C to 50°C] IP65 when mounted					
		82720077	\$98.00	Green								
		82730077	\$90.00	Yellow								
		82740077	\$98.00	Clear								
		82750077	\$98.00	Blue								
Xenon Flashing Light (1Hz flash frequency, 1W flash energy) 98mm	24VDC	82810055	\$108.00	Red	300mA			4,000,000 flashes		220g [7.76 oz]		
		82820055	\$115.00	Green								
		82830055	\$108.00	Yellow								
		82840055	\$115.00	Clear								
		82850055	\$183.00	Blue								
	115VAC	82810067	\$108.00	Red	65mA 50-60 Hz							
		82820067	\$115.00	Green								
		82830067	\$108.00	Yellow								
		82840067	\$115.00	Clear								
		82850067	\$183.00	Blue								

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

Bulbs

Bulbs						
Part Number	Price	Description	Wattage	Voltage	For Use With	Life Duration
95582635	\$7.25	Bulb for incandescent light BA15d bayonet socket	15W	24V AC/DC	826xxxx	up to 5,000h
95582637	\$7.25			115VAC		
95582638	\$7.25			230VAC		
95582735	\$7.00	Bulb for blinking incandescent light B15d bayonet socket	25W	24V AC/DC	827xxxx	up to 2,000h
95582737	\$7.00			115VAC		
95588524	\$10.00	Halogen bulb G6.35	20W	12V	885xxx78	
95588525	\$10.00			24V		



95582635



95582735



95588524

Optical Signal Devices



98mm Base Mount Beacons

829 and 885 Series 98mm Beacons Technical Specifications																		
Description	Voltage	Part Number	Price	Color	Current	Starting Current	Operating Temp /Protection	Life Duration	Housing Material	Weight	Connection	Agency Approvals						
74mm (Base Mount)																		
Permanent/ Blinking LED (blinking frequency 1.5 Hz) 98mm	24VDC	82910055	\$139.00	Red	≤ 150mA					200g [7.05 oz]								
		82920055	\$185.00	Green														
		82930055	\$139.00	Yellow														
		82950055	\$195.00	Blue														
Rotating LED 98mm	24VDC	82911055	\$165.00	Red	≤ 170mA	< 500 mA			Polycarbonate cap Polycarbonate/ ABS base	215g [7.58 oz]	Terminal screw ≤ 2.5 mm ² AWG 16-14 Cable diameter 5-7 mm	cULus file E164155, CE, RoHS						
		82921055	\$252.00	Green														
		82931055	\$165.00	Yellow														
		82941055	\$252.00	Clear														
	115-230 VAC	82951055	\$252.00	Blue														
		82911068	\$190.00	Red	≤ 200mA													
		82921068	\$277.00	Green														
		82931068	\$190.00	Yellow														
82941068	\$277.00	Clear																
Double Flash LED 98mm	24VDC	82912055	\$148.00	Red	≤ 100mA		-4°F to 122°F [-20°C to 50°C] IP65 when mounted	up to 50,000h		205g [7.23 oz]								
		82932055	\$149.00	Yellow														
	115-230 VAC	82942055	\$226.00	Clear														
		82912068	\$168.00	Red	≤ 100mA													
82932068	\$168.00	Yellow																
82942068	\$234.00	Clear																
Permanent LED 98mm	115VAC	82913067	\$149.00	Red	≤ 30mA					≤ 500mA						200g [7.05 oz]		
		82923067	\$200.00	Green														
	24VDC	82933067	\$149.00	Yellow														
		82953067	\$212.00	Blue														
Permanent/ blinking / rotating LED 98mm	24VDC	82915055	\$207.00	Red	≤ 300mA	< 500mA				205g [7.23 oz]	Terminal screws ≤ 2.5 mm ² AWG 24-11 Cable diameter 5-7 mm							
		82925055	\$339.00	Green														
		82935055	\$207.00	Yellow														
		82955055	\$339.00	Blue														
*Enhanced Visibility System (EVS) flashing LED 98mm	24VDC	82919055	\$182.00	Red	≤ 150mA					215g [7.58 oz]	Terminal screws ≤ 2.5 mm ² AWG 16-14 Cable diameter 5-7 mm							
		82939055	\$182.00	Yellow														
	115-230 VAC	82949055	\$278.00	Clear														
		82919068	\$208.00	Red														
82939068	\$208.00	Yellow																
82949068	\$288.00	Clear																
Halogen Rotating Mirror Beacon 98mm	24V AC/DC	88510075	\$133.00	Red	≤ 1A	-	-22°F to 122°F [-30°C to 50°C] IP65 when mounted	up to 5,000h	Polycarbonate cap Polycarbonate/ ABS base	321g [11.32 oz]	Terminal screws ≤ 2.5 mm ² AWG 22-14 Cable diameter 5-7 mm	cULus file E354322, CE, RoHS						
		88520075	\$133.00	Green														
		88530075	\$133.00	Yellow														
		88550075	\$133.00	Blue														
	115-230V AC/DC	88510078	\$169.00	Red	≤ 400mA	-												
		88520078	\$169.00	Green														
		88530078	\$169.00	Yellow														
		88550078	\$169.00	Blue														

*EVS models provide a random flash pattern for increased visibility.

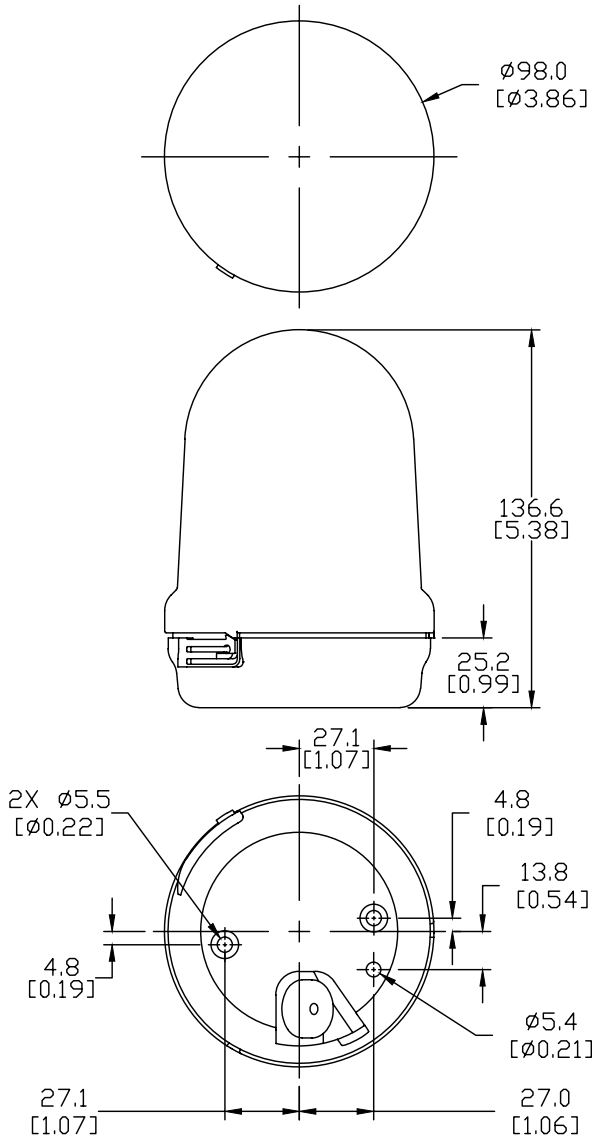
Optical Signal Devices

98mm Base Mount Beacons

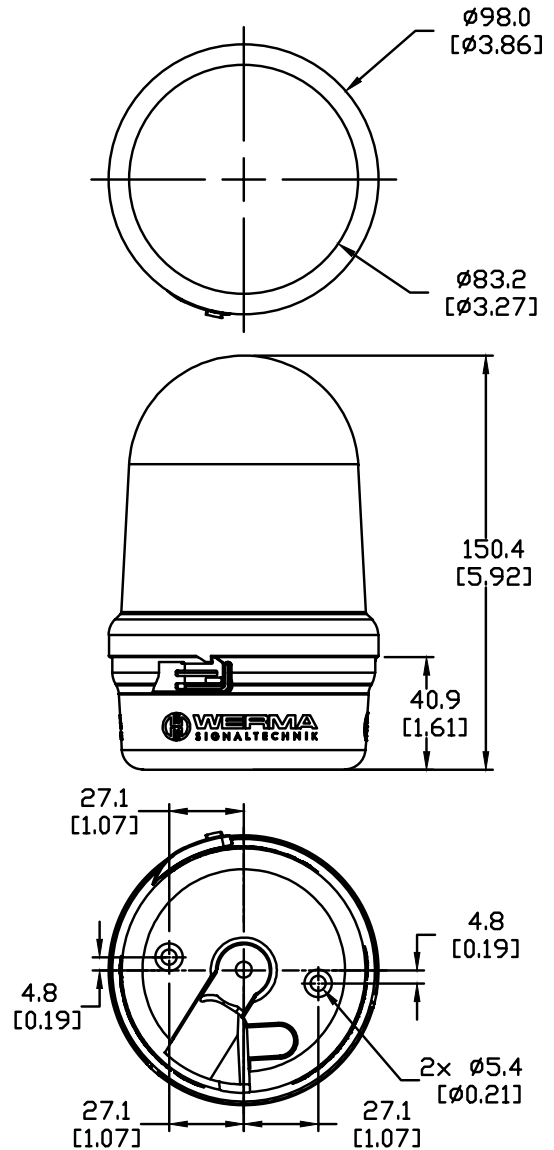


DIMENSIONS mm [in]

826/827/828/829 Series



885 Series



Please see our website www.AutomationDirect.com for complete engineering drawings.

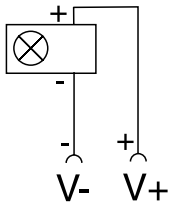
Optical Signal Devices

98mm Base Mount Beacons

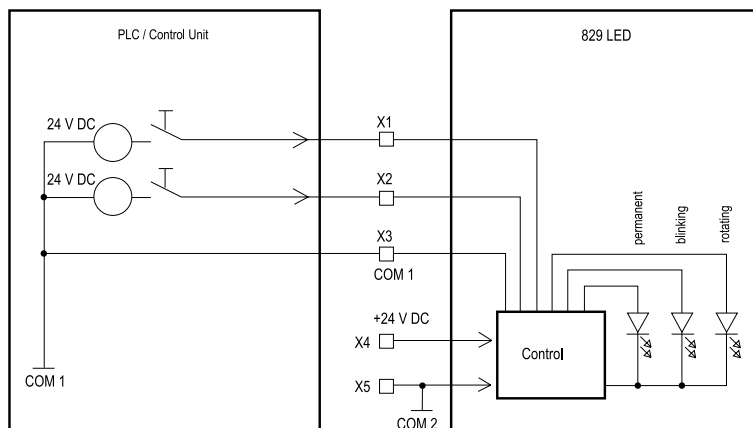


SCHEMATICS

**826, 827, 828, 885 Series and All 829s except:
82915055, 82925055, 82935055, 82955055**



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



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

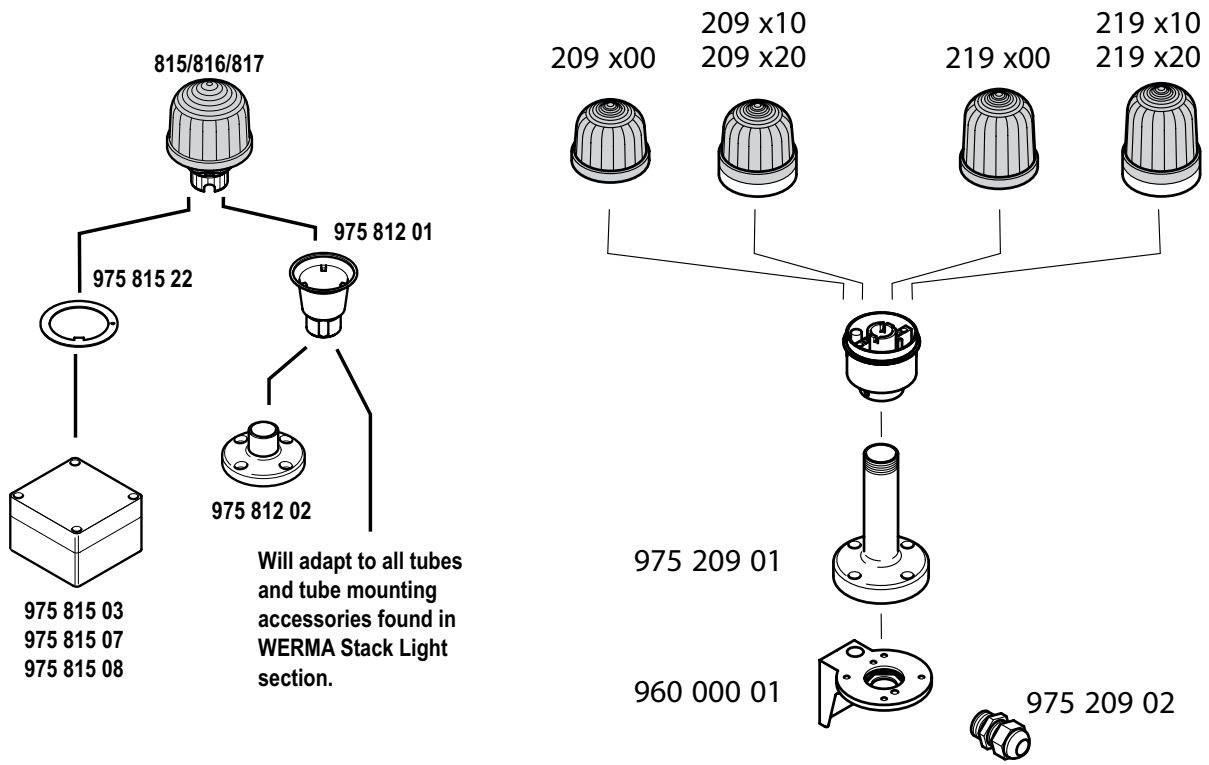
Optical Signal Devices



Beacon Accessories



WERMA Beacons Accessories					
Part Number	Price	Description	Operating Temp.	Material	Weight
Installation Beacon Accessories					
97581201	\$12.50	Tube adapter for beacons with 37mm (PG29) mounting installation. Find tube adapter accessories in WERMA Stack light catalog section.	-4°F to 122°F [-20°C to 50°C]	Polyamide / Fiberglass	1.13 g [0.04 oz]
97581202	\$12.00	Surface mounting base for beacons with 37mm (PG29) mounting installation		Polyamide / Fiberglass with rubber seal	2.83 g [0.1 oz]
97581503	\$39.00	Surface mounting enclosure for 1 beacon with 37mm (PG29) mounting installation		Polycarbonate/ABS blend	8.5 g [0.3 oz]
97581507	\$54.50	Surface mounting enclosure for 2 beacons with 37mm (PG29) mounting installation			14.17 g [0.5 oz]
97581508	\$71.50	Surface mounting enclosure for 3 beacons with 37mm (PG29) mounting installation			17g [0.6 oz]
97581522	\$5.00	Anti-twist washer for beacons with 37mm (PG29) mounting installation		304 Stainless steel	0.57 g [0.02 oz]
Freestanding Beacon Accessories					
9600001	\$15.00	Bracket for tube mounting - for use with for use with 219 and 209 series industrial signal beacons.	-4°F to 122°F [-20°C to 50°C]	Polyamide	57g [2.01 oz]
97520901	\$18.00	Plastic Base with integrated tube for WERMA industrial signal beacons- for use with 209 and 219 series beacons		Polyamide	0.1 lbs [1.6 oz]
97520902	\$5.00	Cable gland for WERMA industrial signal beacons: M25x1.5, plastic - for use with 209 and 219 series industrial signal beacons		Nylon	0.1 lbs [1.6 oz]
97582603	\$38.00	Galvanized Wire Guard for WERMA industrial signal beacons - for use with 826, 827, 828 and 829 series industrial signal beacons		Wire D 3mm, chromed	140g [4.93 oz]
97582605	\$9.00	Plastic Bracket for wall mounting for use with WERMA signal beacons - for use with 826, 827, 828 and 829 series industrial signal beacons		Polycarbonate/ABS blend	62g [2.19 oz]

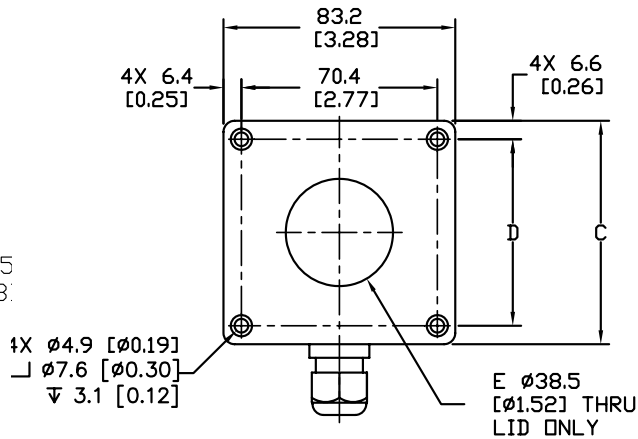
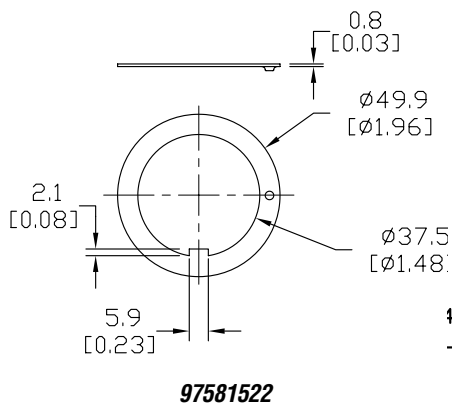
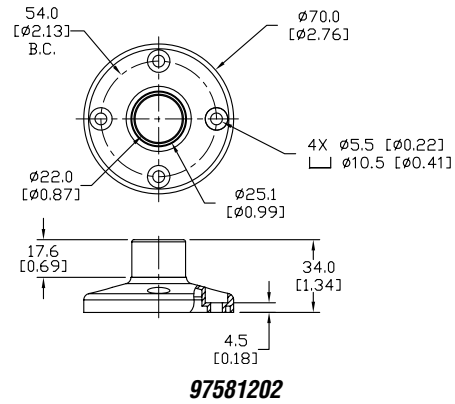
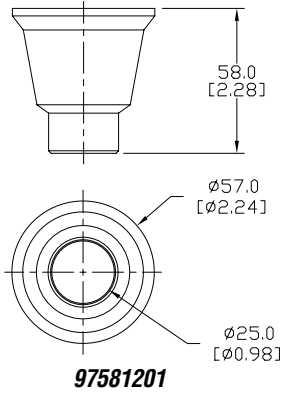


Optical Signal Devices

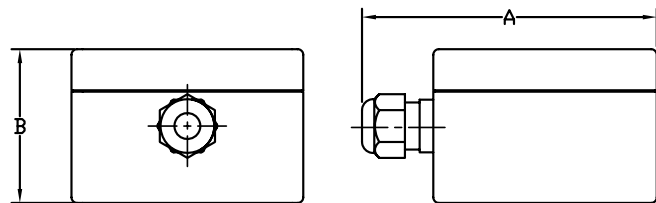


Beacon Accessories

DIMENSIONS mm [in]



Please see our website www.AutomationDirect.com for complete engineering drawings.



PART #	DIM A	DIM B	DIM C	DIM D	E # OF HOLES EQUALLY SPACED
97581503	105.8[4.17]	55.2[2.17]	80.2[3.16]	67.0[2.64]	1
97581507	185.7[7.31]	55.2[2.17]	160.3[6.31]	147.1[5.79]	2
97581508	266.7[10.50]	60.9[2.40]	241.3[9.50]	228.1[8.98]	3

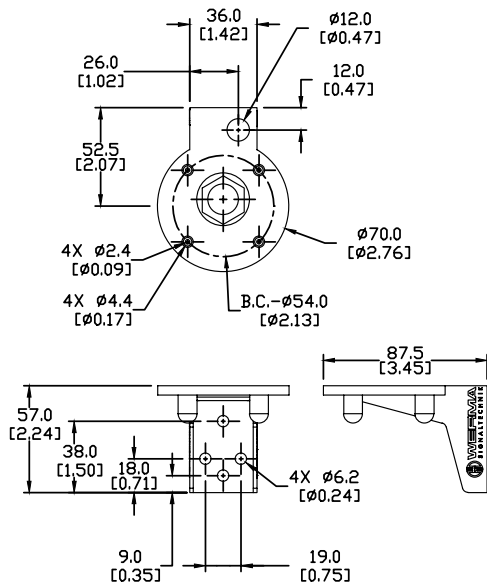
Optical Signal Devices



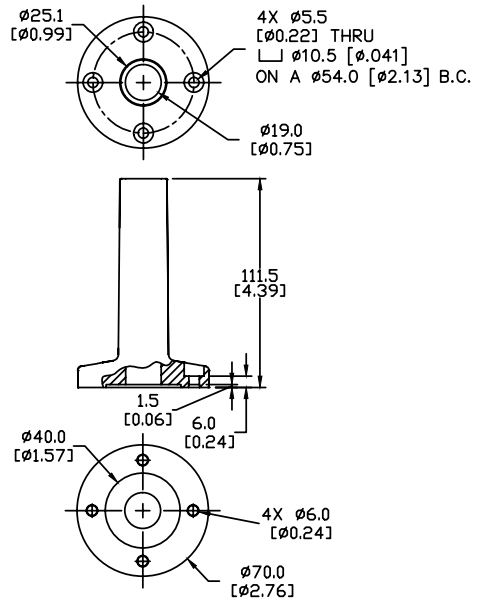
Beacon Accessories

DIMENSIONS mm [in]

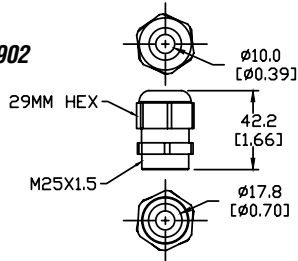
96000001



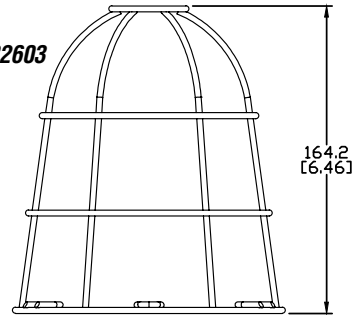
97520901



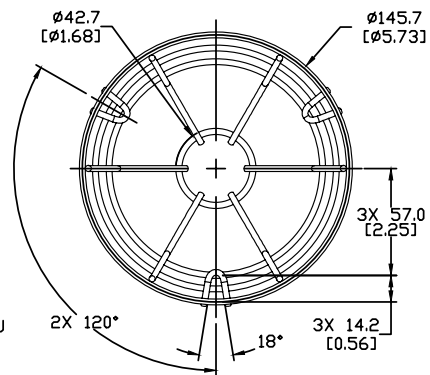
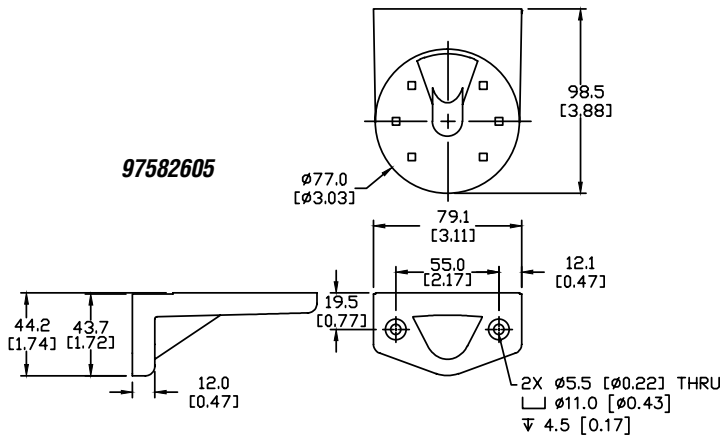
97520902



97582603



97582605



Please see our website www.AutomationDirect.com for complete engineering drawings.