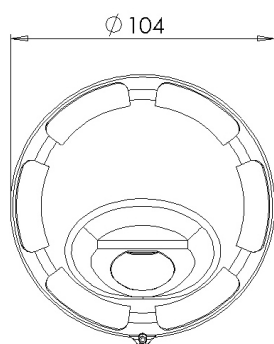
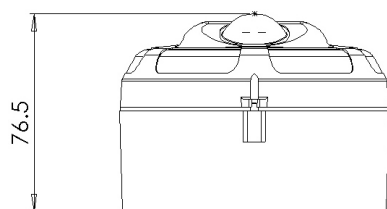


	EVOLUTION EV-HIOP-BCN-R-SCI Analogue Addressable High Output Beacon Red LED with Isolator	TD-EV-HIOP-BCN-R-SCI-01
		January 2018
		Page 1 of 1
TECHNICAL DATASHEET		

Part Number	-	-	-	-	-	EV-HIOP-BCN-R-SCI	- F16-82057
Part Number	-	-	-	-	-	EV-HIOP-BCN-R	- F16-82058
Description	-	-	-	-	-	Addressable High Output Beacon with(out) Isolator	
Device Type	-	-	-	-	-	Type B Outdoor Beacon with(out) Isolator	
Beacon Device	-	-	-	-	-	1 x High Power Red LED (W 2.4-5.0 / 60m ³)	
Operating Voltage	-	-	-	-	-	24V d.c. to 38V d.c.	
System Voltage	-	-	-	-	-	35V d.c	
Quiescent Current	-	-	-	-	-	200μA	
Sounder Operating Current	-	-	-	-	-	20mA	
Operating Temperature	-	-	-	-	-	- 25 °C to + 70 °C	
Storage Temperature	-	-	-	-	-	- 25 °C to + 70 °C	
Relative Humidity	-	-	-	-	-	≤ RH95% non-condensing.	
I.P. Protection Rating	-	-	-	-	-	IP65	
Addressing Method	-	-	-	-	-	Soft addressing, Non-Volatile EEPROM.	
Material	-	-	-	-	-	ABS	
Dimensions	-	-	-	-	-	Ø104mm x 76.5 mm	
Mass	-	-	-	-	-	190g	
Minimum Sw Open Voltage (V _{so} min)-	-	-	-	-	-	9V d.c.	
Maximum Sw Open Voltage (V _{so} max)-	-	-	-	-	-	11V d.c.	
Minimum Sw Close Voltage (V _{sc} min)-	-	-	-	-	-	10V d.c.	
Maximum Sw Close Voltage (V _{sc} max)-	-	-	-	-	-	13V d.c.	
Maximum Line Current (I _c max)-	-	-	-	-	-	800mA	
Maximum Switching Current (I _s max)-	-	-	-	-	-	1500mA	
Maximum Leakage Current (I _l max) -	-	-	-	-	-	13mA	
Maximum Switch Resistance (Z _c max)-	-	-	-	-	-	150mΩ	
CE Conformity	-	-	-	-	-	EN54-17 & EN54-23	
CPR Number	-	-	-	-	-	0359-CPR-00465	
DoP Number	-	-	-	-	-	00465	

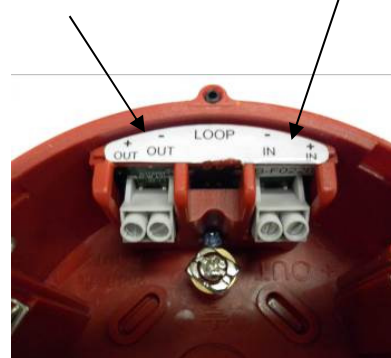
All wiring must conform to the current edition of IEE Wiring regulations and BS5839 Part 1

All loop Cable Screens shall be connected together, but must be Isolated from Ground. Cable Screens shall be connected to Earth Ground within the Control Panel ONLY.



Dimensions

Loop OUT +ve & -ve Loop IN -ve & +ve



Connections