Specifications

LCE

Input Voltage	Options	AC/DC24V	AC90-250V	
	Rated Voltage	AC/DC24V (50-60 Hz)	AC90-250V (50-60 Hz)	
	Operating Voltage	Rated Voltage + or - 10%		
Operating temperature Range	-25°C ~ +60°C			
Relative Humidity	Less than 90%			
Flashing Cycle ("FB" styles only)	60 + or – 12 flashes per minute			
Alarm Sound Level ("FB" styles only)	Max: 85 + or – 4dB (at 1m) Min: 70 + or – 4dB (at 1m)			
Alarm Sound Description ("FB" styles only)	Intermittent, single-tone; Alarm 1: fast beep, Alarm 2: slow beep			
Mounting Location Options	Indoor use only			
Mounting Direction Options	Upright only			
Protection Rating (LCE-W)	IP-65			
Protection Rating (LCE, LCE-FB, LCE-FBW)	IP-54			
Vibration	19.6m/s² (30Hz) (2 hours each: front-back, right-left, up-down)			
Insulation Resistance	More than 1 Megohm between terminals and chassis at DC500V			
Withstand Voltage (AC/DC24V)	AC500V applied between terminals and chassis for 1 minute without breaking insulation			
Dielectric Voltage (AC90-250V)	AC1500V applied between terminals and chassis for 1 minute without breaking insulation			

Luminous Intensity (mcd = millicandela)	Red	Amber	Green	Blue	Clear
	760mdc	830mcd	1290mcd	210mcd	400mcd

Applicable Standards	
CE	EN60958-1: 1993
UL	UL Component Recognition per UL-508 (File No. E215660)
RoHS	RoHS Directive 2005/95/EC

Power Consumption		Red	Amber	Green	Blue	Clear	Steady	Inrush	Steady	Inrush
AC/DC24V	Current (mA @ 24V)	28	28	22	23	23	40	250	40	250
	Watts	0.7	0.7	0.6	0.6	0.6	1.0	-----	1.0	-----
AC90-250V	Watts (@AC120V)	1.6	1.6	1.5	1.5	1.5	1.6	-----	1.6	-----
	Watts (@AC240V)	2.0	2.0	1.9	1.9	1.9	2.0	-----	2.0	-----
	Standby Power	0.8W @ AC120V					1.1W @ AC240V			

Contact Capacity (I_S = current capacity; V_S = withstand voltage; V_C = dielectric breakdown voltage; I_L = leakage current)

		Contact Capacity	Transistor Capacity (NPN and PNP)
AC/DC24V	LED Light Module	I_S >= 100mA; V_S >= AC35V	I_C >= 100mA; V_C >= 35V
	Alarm	I_S >= 300mA; V_S >= AC35V	I_C >= 300mA; V_C >= 35V
	Power Supply	I_S >= 500mA; V_S >= AC35V	

		Contact Capacity	Transistor Capacity (NPN)
AC90-250V	LED Light Module (Signal wire)	I_S >= 100mA; V_S >= AC35V	I_C >= 100mA; V_C >= 35V
	Alarm (Signal wire)	I_S >= 10mA; V_S >= AC35V	I_C >= 200mA; V_C >= 35V
	Power Supply	I_S >25A	
	Power Supply Inrush	I_S >= 10A @ AC100; I_S >= 25A @ AC250V (200μsec)	

Leakage Current	I_L = 0.1mA or less
Fuse (not included)	1A (250V)