

Dialight Vigilant® Low (L-810) and Medium (L-864) Intensity Red LED Obstruction System



Application

FAA Type A

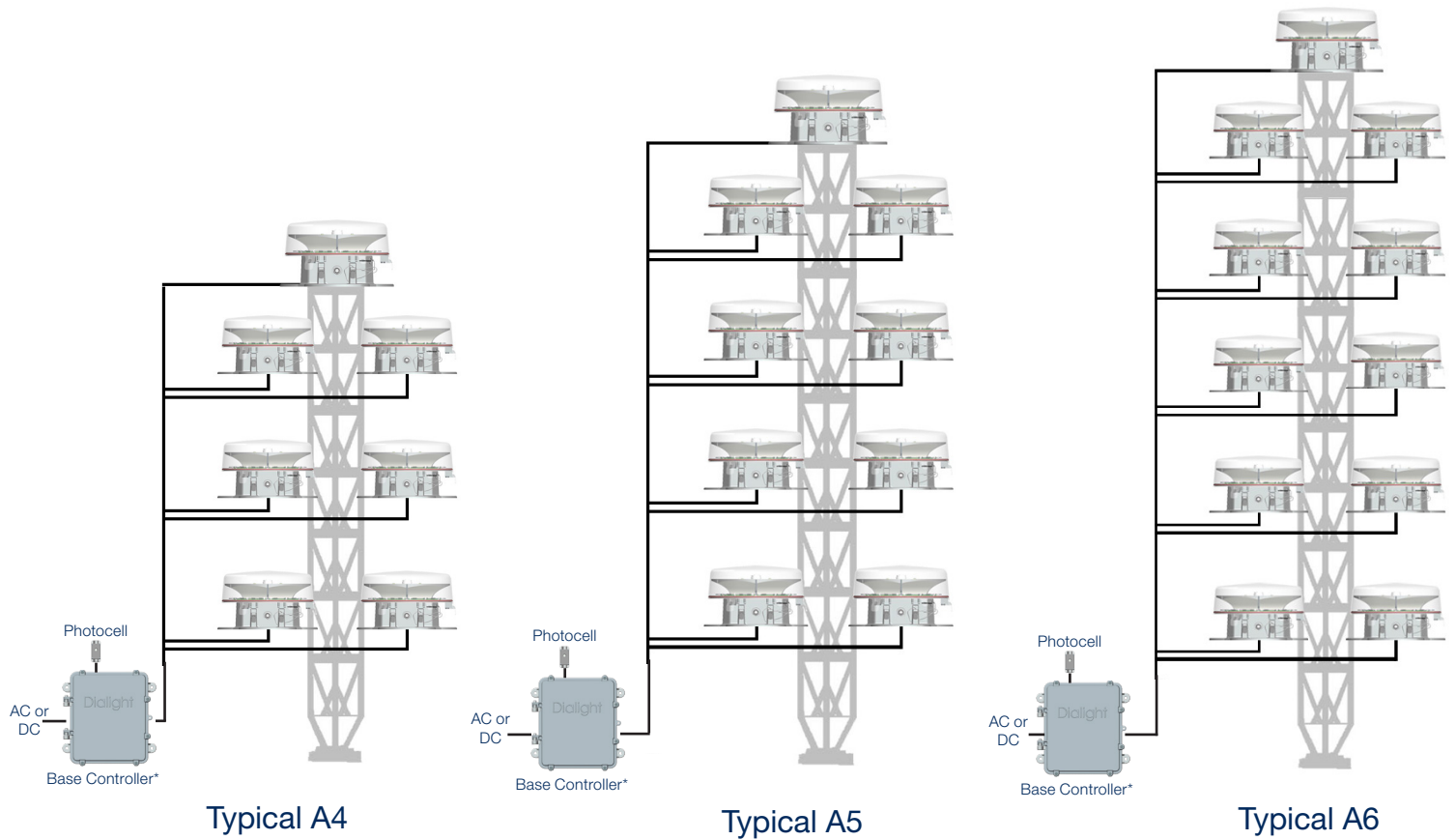
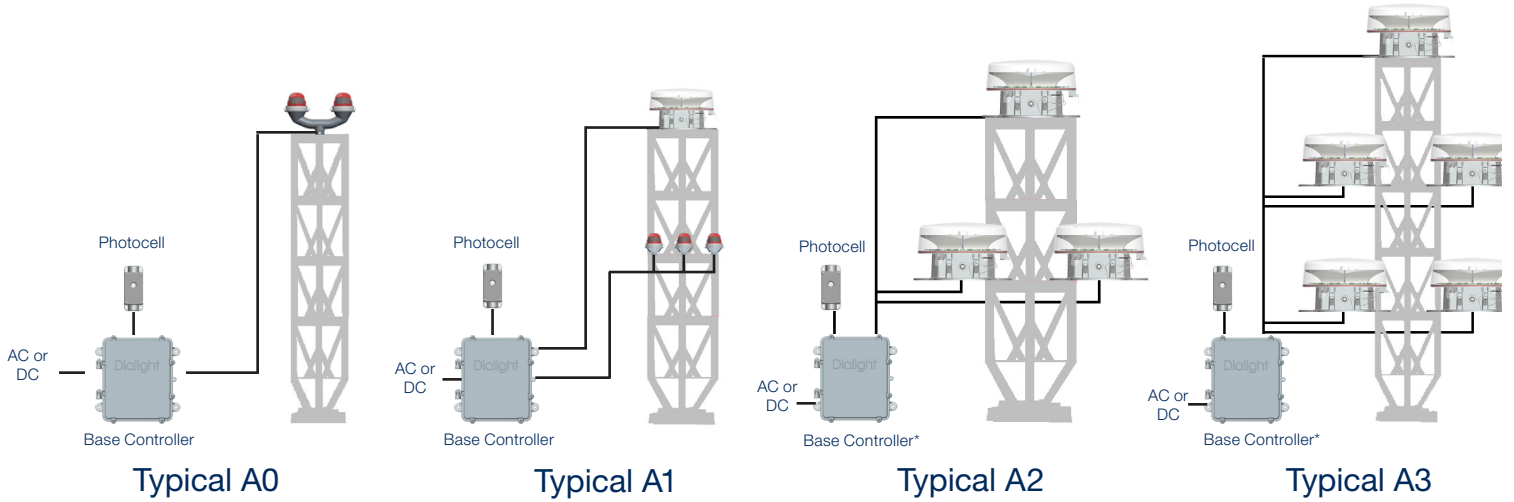
Dialight's LED based Red Obstruction Systems are ideal for A0 through A6 FAA tower types and can be used to illuminate other structures as well. The operation of the lights is configurable and fully monitored. The side markers can be run in steady burn or flashing mode. The flash rate of the lights is also configurable. The lights are ETL verified to the requirements of FAA standards and versions.

Features & Benefits

- Integrated controller with display (A2-A6 Towers)
- 5 year warranty
- Universal 120-240V AC or 24-48V DC input
- Controller can be mounted at the base of the structure
- NEMA 4x outdoor rated enclosure
- Wide temperature range: -40°C to +55°C
- Configurable flash rates (20, 30, or 40 flashes per minute)
- Ability to operate lights in steady or flashing mode for avian compliance
- Optional infrared (IR) light fixtures designed to comply with FAA EB98 for improved visibility to night vision goggles (NVGS)
- Light weight design
- Low power consumption
- IP66 rated light fixtures
- Impact and vibration resistant
- Dry contacts for alarm monitoring/status
 - Photocell alarm
 - L-864 light alarms
 - Operation mode (day/night)
- Largest controller can control and monitor maximums of:
 - Twelve (12) L-864 red beacons and
 - Twenty four (24) L-810 red side lights

TOWER TYPE	INPUT	SYSTEM PART NUMBER	COMPONENTS			
			CONTROLLER	PHOTOCELL	L-810 (F)	L-864
AO - A1 (Standard)	24 - 48 VDC	D5R1501SYS	D5RB55CCTR	D2566000PEC (Single Entry) D2566001PEC (Double Entry)	RTO1R18001 (Single Model) RTO1R18002 (Double Model)	D564A54001
	120 - 240 VAC	D5R1701SYS	D5RB77CCTR	D2566000PEC (Single Entry) D2566001PEC (Double Entry)	RTO1R07001 (Single Model) RTO1R07002 (Double Model)	D564A13001
AO (Infrared)	24 - 48 VDC	D5C1501SYS	D5RB55CCTR	D2566000PEC (Single Entry) D2566001PEC (Double Entry)	RTOCR08001 (Single Model) RTOCR08002 (Double Model)	-
AO - A1 (Infrared)	120 - 240 VAC	D5C1701SYS	D5RB77CCTR	D2566000PEC (Single Entry) D2566001PEC (Double Entry)	RTOCR07001 (Single Model) RTOCR07002 (Double Model)	D564R13001
AO - A6 (Standard)	120 - 240 VAC	D5R1702SYS	D5RE77CCTR (A0 - A4) D5RG77CCTR (A5 - A6)	D2566000PEC (Single Entry) D2566001PEC (Double Entry)	RTO1R07001 (Single Model) RTO1R07002 (Double Model)	D564A13001
AO - A6 (Infrared)	120 - 240 VAC	D5C1702SYS	D5RE77CCTR (A0 - A4) D5RG77CCTR (A5 - A6)	D2566000PEC (Single Entry) D2566001PEC (Double Entry)	RTOCR07001 (Single Model) RTOCR07002 (Double Model)	D564R13001

Note: Complete lighting kits are available (including mounts, cable, and hardware) Contact Dialight for more details (732)919-3119



* Additional controller included for these configurations

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