

Vehicle Beacons



Whilst our industrial models can be mounted for use as vehicle beacons, this range is specifically engineered with vehicles in mind. All models include moulded rubber base and fitted cable to allow mounting without dis-assembly. Available as Rotating Flashing, Xenon Flashing or Pulsed Filament types.

Available in the standard voltages of 12V DC, 24V DC, 12V UC and 24V UC. (n.b. UC = AC and DC).

Especially suited to electric traction vehicles such as fork trucks, our voltage ranging (VRA) Xenon Strobe models cater for any battery voltage between 12Vdc and 100Vdc.

All models optionally available for use on a 115Vac or 230Vac supply. Contact your sales point for pricing.

All units feature UV-stabilised polycarbonate lenses, available in Red, Amber, Green, Blue and Clear; some incorporating side and crown fresnel lensing.

Standard models fitted with mounting studs for permanent fixing, complete with 300mm connecting leads incorporating standard 'Bullet' style connectors.

Also available with fitted magnet ('MAG') and curl cable with integral cigar lighter plug for temporary fixing. Magnetic ('MAG') fixing units incorporate supplementary integral suction cup which gives increased adhesion.

Mounting brackets and metal cage guards available. Please refer to 'Installation Accessories' on page 73.

VXD/2.5 Joule Xenon Strobe and VPD/B15D Pulsed Filament Lamp

- Small, low-cost, vehicle beacon.
- Low current draw for better vehicle battery life when engine idle.
- Ideal for pedestrian operated equipment such as road/pavement sweepers and pallet stackers.
- Repetitive single flash models.
- 360° All-round and 270° All-over visibility.
- VPD/B15D features 50% duty cycle (equal on/off periods).

	VXD		VPD	
Supply voltage	12Vuc	24Vuc	12Vdc	24Vdc
Supply voltage limits	± 15%		± 15%	
Supply current:	330mA	170mA	1A	500mA
Intensity:				
Red	8Cd		3Cd	
Amber	24Cd		9Cd	
Green	24Cd		5Cd	
Blue	8Cd		2Cd	
Clear	40Cd		12Cd	
Rating	2.5J		12W	
Flash/min	60fpm (1Hz)		40fpm (0.667Hz)	
Temperature limits	-40C, +55C.		-20C, +55C.	
IEC Protection Class	IP65		IP65	

Example Order Code: VXD/DC/12/SH/2.5J/Amber

VXL/2.5 Joule, VXL/5 Joule and VXL/11 Joule Xenon Strobe

- Medium-format vehicle beacon with choice of energy levels to suit individual applications.
- Special 5 Joule Automatic Voltage Ranging unit (VRA) for use with 12 to 100Vdc or 12 to 72Vac supply. (MAG version limited to 30 Volts maximum.)
- 2.5 Joule and 5 Joule models feature repetitive single-flash (SH) only.
- 11 Joule models feature choice of repetitive dual flash (DH) and single-flash (SH) devices.
- 360° All-round and 270° All-over visibility.
- Also ideal for emergency service motorcycle use.

	VXL/2.5J		VXL/11J		VXL/VRA
Supply voltage	12Vdc	24Vdc	12Vuc	24Vuc	VRA
Supply voltage limits	± 15%				n/a
Supply current	330mA	170mA	1.36A	680mA	7W
Luminous intensity					
Red	21Cd		114Cd		26Cd
Amber	48Cd		132Cd		60Cd
Green	48Cd		132Cd		60Cd
Blue	16Cd		44Cd		20Cd
Clear	80Cd		220Cd		100Cd
Flash Energy	2.5J		11J		5J
Flash Event	SH Only		DH or SH		SH Only
Flash rate adjustment	60fpm (1Hz)		30,45,60,90 fepm		
Environmental limits	-40C, +55C. IP65				

Example Order Code: VXL/UC/24/DH/11J/Amber

For Installation Accessories please refer to page 73

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Vehicle Beacons

VRL/TH20 Rotating and VPL/B15D Pulsed Filament Lamp

- Rotating mirror beacon (VRL) with good light output, featuring 360° All-round visibility.
- Pulsed filament beacon (VPL) for 360° All-round and 270° All-over visibility.
- Pulsed vehicle beacon features 50% duty cycle (equal on/off periods).
- Pulsed vehicle beacons are ideal for airport vehicle use.

	VRL/TH20		VPL/B15D	
Supply voltage	12Vdc	24Vdc	12Vdc	24Vdc
Supply voltage limits	± 15%		± 15%	
Supply current	1.7A	850mA	1.75A	875mA
Luminous intensity	Red	20Cd		12Cd
	Amber	60Cd		36Cd
	Green	60Cd		36Cd
	Blue	20Cd		12Cd
	Clear	100Cd		60Cd
Flash/min	240fpm (4Hz)		40fpm (0.667Hz)	
Temperature limits	-20C, +55C		-20C, +55C	
IEC protection class	IP65		IP65	

Example Order Code: VRL/DC/12/TH20/MAG/Amber

VXK/11 Joule and VXK/24 Joule Xenon Strobe

- High-energy, high-brilliance Xenon Strobe Beacons.
- Standard 11 Joule as well as ultra-high energy 24 Joule models
- Repetitive Dual Flash (DH) and Single Flash (SH) models.
- Long-life xenon tube - typically > 20,000,000 flashes.
- 360° All-round and 270° All-over visibility.
- Ideal for emergency service cars and large vehicles.

	VXK/11J		VXK/24J	
Supply voltage	12Vuc	24Vuc	12Vuc	24Vuc
Supply voltage limits	± 15%		± 15%	
Supply current	1.36A	680mA	3.1A	1.55A
Luminous intensity	Red	106Cd		230Cd
	Amber	264Cd		576Cd
	Green	264Cd		576Cd
	Blue	88Cd		192Cd
	Clear	440Cd		960Cd
Flash energy	11J		24J	
Flash rate adjustment	30,45,60,90 fepm		30,45,60,90 fepm	
Temperature limits	-40C, +55C		-40C, +55C	
IEC protection class	IP65		IP65	

Example Order Code: VXK/UC/24/DH/24J/MAG/Amber

VRK/TH Rotating and VPK Pulsed Halogen Lamp

- Large-format high-intensity Rotating and Pulsed vehicle beacons.
- Rotating mirror beacon (VRK) features 360° All-round visibility.
- Pulsed filament beacon (VPK) for 360° All-round and 270° All-over visibility.
- Pulsed vehicle beacon features 50% duty cycle (equal on/off periods).
- Ideal for emergency service cars and large vehicles.

	VRK/TH		VPK/TH	
Supply voltage	12Vdc	24Vdc	12Vdc	24Vdc
Supply voltage limits	± 15%		± 15%	
Supply current	4.75A	3A	4.6A	2.95A
Luminous intensity	Red	124Cd	158Cd	20Cd
	Amber	370Cd	472Cd	60Cd
	Green	222Cd	283Cd	60Cd
	Blue	74Cd	95Cd	20Cd
	Clear	494Cd	630Cd	100Cd
Lamp rating	55W	70W	55W	70W
Flash/min	180fpm (3Hz)		40fpm (0.677Hz)	
Temperature limits	-20C, +55C		-20C, +55C	
IEC protection class	IP65		IP65	

Example Order Code: VRK/DC/12/TH55/Amber

VXR/2.5 Joule and VXR/7 Joule Xenon Strobe

- Low profile xenon strobe beacons.
- Choice of 2.5 Joule and 7 Joule energy levels
- 360° All-round and 270° All-over visibility.

	VXR/2.5J		VXR/7J	
Supply voltage	12Vdc	24Vdc	12Vdc	24Vdc
Supply voltage limits	± 15%		± 15%	
Supply current	330mA	170mA	500mA	360mA
Luminous intensity	Red	30Cd		85Cd
	Amber	89Cd		250Cd
	Green	40Cd		112Cd
	Blue	21Cd		60Cd
	Clear	152Cd		425Cd
Flash energy	2.5J		7J	
Flash/min	60 fpm (1Hz)		60 fpm (1Hz)	
Temperature limits	-40C, +55C		-40C, +55C	
IEC protection class	IP65		IP65	

Example Order Code: VXR/DC/12/SH/2.5J/Amber

For Installation Accessories please refer to page 73

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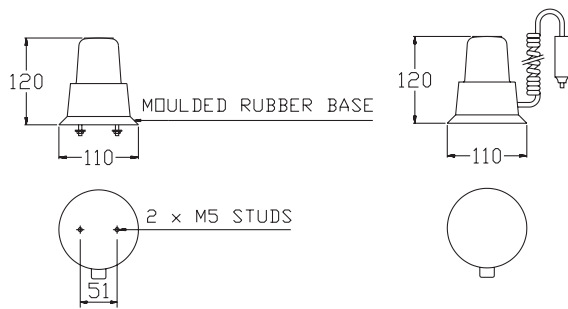
VPR/B15D Pulsed Filament and VPR/LED Pulsed LED

- Low-profile Pulsed Filament and Pulsed LED vehicle beacons.
- Well suited to airport vehicle usage.
- Low-current LED option.
- Long-life LEDs (>100,000 hours typical).
- 50% duty cycle (equal on/off periods).
- Ideal for pavement sweeping machinery and invalid scooters.

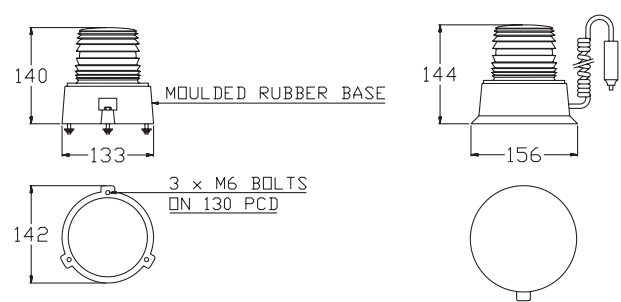
	VPR/B15D		VPR/LED	
Supply voltage	12Vdc	24Vdc	12Vdc	24Vdc
Supply voltage limits	± 15%		± 15%	
Supply current	1.75A	875mA	70mA	35mA
Luminous intensity	Red	40Cd		8Cd
	Amber	118Cd		8Cd
	Green	52Cd		8Cd
	Blue	28Cd		8Cd
	Clear	200Cd		8Cd
Flash/min	40fpm (0.667Hz)		120fpm (2Hz)	
Temperature limits	-20C, +55C		-40C, +55C	
IEC protection class	IP65		IP65	

Example Order Code: VPR/DC/12/LED/Amber

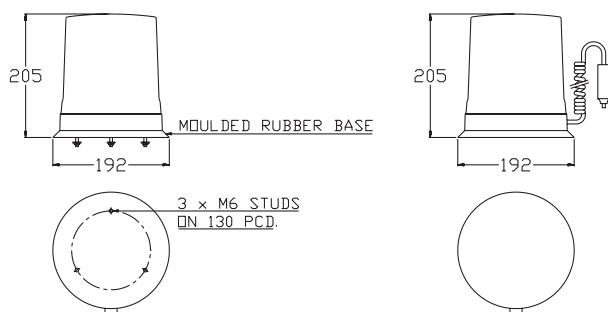
Series V-D



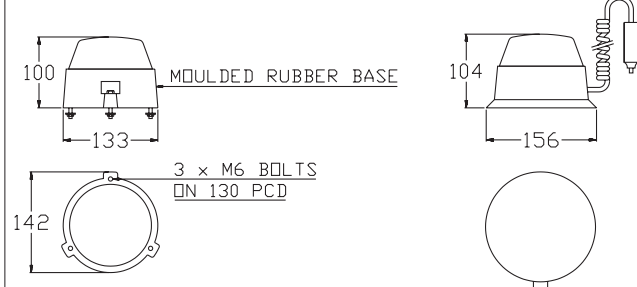
Series V-L



Series V-K



Series V-R



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