



vario2 730nm

Powerful Pulsed Lighting
Variants: i8 or i16
Consumption: 40W - 100W
Wavelength: Far Red (730nm)
IP Rating: IP66



PULSESTAR VTR

Powerful Pulsed Lighting
Variants: VTR4 or VTR6
Consumption: 68W - 90W
Lighting Drive Power: 3.4kW - 4.5kW
Wavelength: Infra-Red (850nm) or White-Light
IP Rating: IP66



PULSESTAR PSTR WL

Powerful Pulsed Lighting
Variants: Multiple sizes available
Consumption: 11W - 44W
Lighting Drive Power: 110W - 440W
Wavelength: White-Light
IP Rating: IP66



PULSESTAR VTS

Powerful Pulsed Lighting
Variants: VTS20
Consumption: 20W
Lighting Drive Power: 1.0kW
Wavelength: Infra-Red (850nm) or White-Light
IP Rating: IP66



PULSESTAR PSTR IR

Powerful Pulsed Lighting
Variants: Multiple sizes available
Consumption: 13W - 49W
Lighting Drive Power: 260W - 980W
Wavelength: Infra-Red
IP Rating: IP66



PULSESTAR VCT

Powerful Pulsed Lighting
Variants: VCT6
Consumption: 15W
Lighting Drive Power: 0.5kW
Wavelength: Infra-Red (850nm) or White-Light
IP Rating: IP65



Container Recognition



Depending on the vehicles speed, different illuminators and speeds of pulsed light must be used. Truck and trailer identification recognition systems are a common requirement in port applications. Raytec illuminators, coupled with LPR cameras capture all of the details of incoming trucks to the port.

Parking Lot Access Control



Parking lot access control towers can monitor incoming name plates and digitize them into an Automatic Plate Recognition Database.

Raytec's VARIO2 Hybrid Illuminators are used where Infra-Red is deployed for retroreflective plates and White-Light is used for the non-reflective plates.

The system alternates the IR and WL to get the best capture of the plate.



Environmental Monitoring

In many locations, highways are monitored by remote video and twin-panel VAR2-i4-2 IR illuminators to identify road conditions, including the accumulation of snow and ice. This allows the Transportation Authorities to dispatch snowplows and salt/sand trucks to affected areas.



Border Control Passenger Identification

The VARIO2 730nm Illuminator has been designed for driver recognition applications that require illumination to penetrate windscreens to reveal details inside the vehicle.