

# VARIO2 Lite

White Light short, medium and long range Illuminator

rayTEC®



## Simple and Secure

Simple and Secure VARIO2 in it's simplest form, VARIO2 Lite has been specifically designed for applications which require core functionality only; for easy set-up and added security.



## High Performance

VARIO2 Lite provides all the performance of the standard VARIO2 products with distances up to 250m.



## VARIO Interchangeable lens system

Angle of illumination from 10 - 120° can be easily, quickly and precisely adjusted by changing the VARIO holographic lens insert to match the specific camera field of view.



## Hot-Spot Reduction Technology (HRT)

The HRT system delivers a highly diffused, elliptical beam shape to deliver more light where it's needed most. Also prevents overexposure of foreground objects.

## 5 YEAR WARRANTY

All Raytec luminaires are provided with an industry leading 5 year warranty and have an expected useful life in excess of 10 years. See Warranty Statement for details.



# Technical Specifications

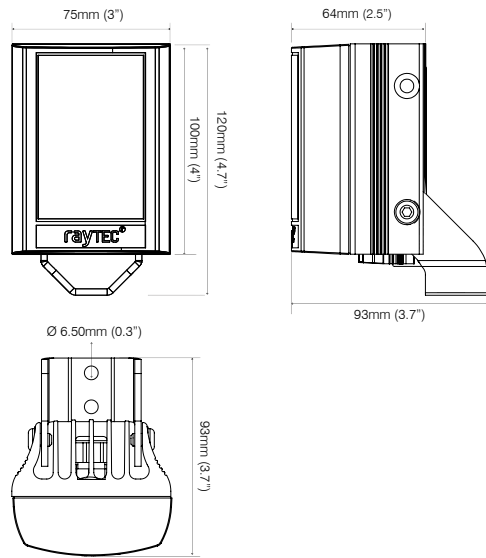
Illuminator	w2	w4	w8	w16
Max Distance	60m (197ft)	110m (361ft)	180m (591ft)	250m (820ft)
Total Lumens	923lm	1683lm	3727lm	7453lm
Angle	Standard pack includes 10° circular + 35° x 10° (fitted as standard) and 60° x 25° elliptical lenses. Additional optional lenses: 80° x 30°, 120° x 50°	Standard pack includes 10° circular + 35° x 10° (fitted as standard) and 60° x 25° elliptical lenses. Additional optional lenses: 80° x 30°, 120° x 50°	Standard pack includes 10° circular + 35° x 10° (fitted as standard) and 60° x 25° elliptical lenses. Additional optional lenses: 80° x 30°, 120° x 50°	Standard pack includes 10° circular + 35° x 10° (fitted as standard) and 60° x 25° elliptical lenses. Additional optional lenses: 80° x 30°, 120° x 50°
Input	12/24V AC/DC			24V AC/DC
Consumption	11W	24W	42W	84W
Standby Power Draw (LEDs off):	0.65W			
Beam Shape	Elliptical with HRT (Hot-spot Reduction) Technology			
Beam Angle System	VARIO Interchangeable Lens System			
LED type	Platinum Elite SMT LEDs			
Number of LEDs	6	12	24	48
Wavelength	White-Light			
Colour Temperature	6000K (other options available)			
IP Rating	IP66			
Temperature Range	-50° to +50°C (-58°to +122°F)			
Colour	Silver			
Weight	600g (1.3lbs)	950g (2.1lbs)	1.65kg (3.61lbs)	3.1kg (6.8lbs)
Dimensions	75 x 100 x 64mm (3"x4"x2.5")	100 x 135 x 66mm (4"x5"x2.5")	135 x 180 x 68mm (5"x7"x3")	180 x 277 x 75mm (7"x11"x2.9")
Cable Length	2.5m (8.2ft)			
Bracketry	U Bracket Included VUB Bracketry also available (Please contact Raytec for details)			
Country of Manufacture	United Kingdom			
Control	Telemetry on/off			

## POWERS – The Open Lighting Standard

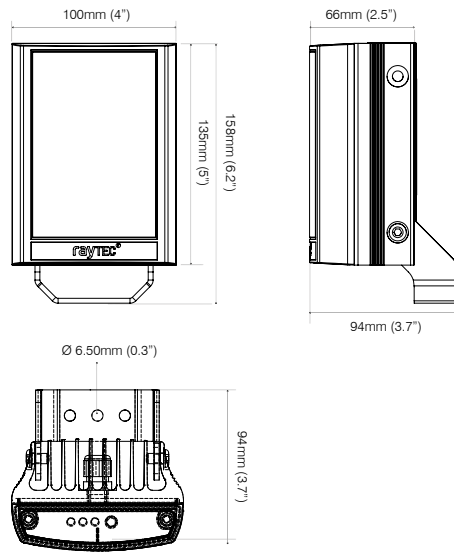
Specifications and distances based on the POWERS lighting standard. For full POWERS data and A&E specifications please contact [sales@rayteccctv.com](mailto:sales@rayteccctv.com)

## Product Dimensions

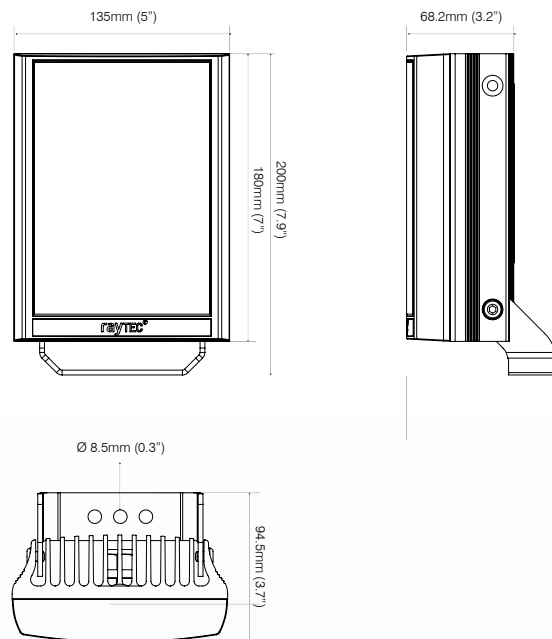
**w2**



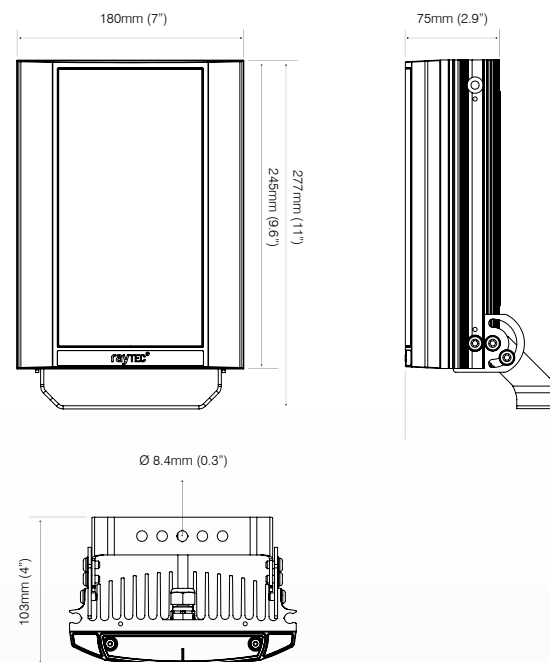
**w4**



**w8**



**w16**



## Product Codes

Part Codes	Description	Angles	Distances
VAR2-LTE-w2-1	VARIO 2 Lite w2, White Light, with 3 angle options included, 12-24V	10 x 10°	60m (197ft)
		35 x 10°	40m (131ft)
		60 x 25°	25m (82ft)
		80 x 30° (optional)	20m (66ft)
		120 x 50° (optional)	12m (39ft)
VAR2-LTE-w4-1	VARIO 2 Lite w4, White Light, with 3 angle options included, 12-24V	10 x 10°	110m (361ft)
		35 x 10°	65m (213ft)
		60 x 25°	35m (115ft)
		80 x 30° (optional)	25m (82ft)
		120 x 50° (optional)	18m (59ft)
VAR2-LTE-w8-1	VARIO 2 Lite w8, White Light, with 3 angle options included, 12-24V	10 x 10°	180m (591ft)
		35 x 10°	95m (312ft)
		60 x 25°	50m (164ft)
		80 x 30° (optional)	35m (115ft)
		120 x 50° (optional)	25m (82ft)
VAR2-LTE-w16-1	VARIO 2 Lite w16, White Light, with 3 angle options included, 24V	10 x 10°	250m (820ft)
		35 x 10°	125m (410ft)
		60 x 25°	70m (230ft)
		80 x 30° (optional)	48m (157ft)
		120 x 50° (optional)	35m (115ft)

### Optional Parts

VAR-WX-lens-8030*	80 x 30° lens
VAR-WX-lens-12050*	120 x 50° lens
VUB-WALL	Wall mount any VARIO illuminator
VUB-POLE	Pole mount any VARIO illuminator

\*Replace X with lens size required

# PSU Configuration



PSU-VAR2- 20W-1 (small)    PSU-VAR2-50W-2 (medium)    PSU-VAR2-100W-3 (large)    PSU-VAR2-150W-3 (x-large)

Illuminator Configurations	PSU-VAR2-20W-1 (small)	PSU-VAR2-50W-2 (medium)	PSU-VAR2-100W-3 (large)	PSU-VAR2-150W-3 (x-large)
Outputs	1 x 24V DC O/P	up to 2 x 24V DC O/P	up to 3 x 24V DC O/P	up to 3 x 24V DC O/P
Illuminators	1 x VARIO 2 series plus aux output (max 8W)	up to 2 x VARIO 4 series up to 2 x VARIO 6 series 1 x VARIO 8 series	up to 3 x VARIO 4 series up to 3 x VARIO 6 series up to 2 x VARIO 8 series	up to 3 x VARIO 8 series
Other Illuminator options		up to 4 x VARIO 2 series*	up to 8 x VARIO 2 series* up to 4 x VARIO 4 series* up to 4 x VARIO 6 series* 1 x VARIO 16 series	up to 6 x VARIO 4 series* up to 6 x VARIO 6 series* 1 x VARIO 16 series

Please note: for medium, large and x-large PSUs powering an increased number of VARIO illuminators, the total power of the illuminators must not exceed the PSU max output.

\*Illuminator output cables may also need to be commoned together to suit the number of available glands.

Mixed model sizes of VARIO illuminators can be powered from the same PSU e.g. PSU-VAR2-50W-2 can also run 2 x VARIO 2 series and 1 x VARIO 4 series subject always to maximum PSU output

## Disclaimer

The information provided in this document was accurate at the time of its creation. However, due to the evolving nature of our products and continuous improvements, there may be changes or updates that occur after its publication. For the most current and detailed information about our products, please contact our sales team at [sales@raytecltd.com](mailto:sales@raytecltd.com).