



## ILLUMINATING DISPLAYS FOR EFFECTIVE NIGHT-TIME SURVEILLANCE

The Vista VIRPR range of low-maintenance professional Infra-Red (IR) lighting products has been developed to allow the end-user to achieve high quality images, both during the day and night. Utilising the latest LED technology, the lights use up to five times less power than standard halogen lamps, allowing for low running costs and a truly environmentally friendly solution to lighting.

The included power supply unit (PSU) comes with an integrated, user adjustable photocell, allowing the user to program activation of the IR LEDs at a pre-determined lighting level. Designed to integrate seamlessly with true day night cameras such as Vista's Protos<sup>v</sup>, a built-in relay engages on activation of the photocell to remove the IR-cut filter within the camera. This totally eliminates issues of hunting usually associated with switching from day time to night time operation.

The PSU includes a power output at 20 Watts which is sufficient to supply power to a camera and housing. This allows the installer to only fit one PSU for the complete camera position.

Because the beam produced by the LED lights is spread evenly, there is little or no need for additional illumination to achieve high quality images. Ideal for covert operation and applications where white light is seen as a pollutant, the system also requires very little maintenance as the LEDs are surface mounted, making the lamps robust and efficient.

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)



VIRPR120-32-850

### Key Features:

#### **Separate PSU with integrated photocell, day night camera control and camera power output**

The PSU comes with an integrated, user adjustable photocell to automatically switch the IR LEDs and day/night cameras at the correct setting, providing a single trigger for both lights and cameras. The PSU also has an output to power the camera and housing

#### **Designed for the Security Market**

Provides long-range illumination and even spread of light with zero hot spots to ensure the best performance from cameras. The intensity of the lighting system can also be adjusted via an internal potentiometer to optimise performance for any installation

#### **Surface Mount Technology**

With the IR LEDs being surface mounted, the lamps become more compact, robust and efficient thereby increasing their reliability and life-span

#### **Thermal Managed System**

This allows for the cool running of the lamps, extending their life and allowing installers to work on the positioning of the lamps when illuminated

#### **Low Running Cost**

The LED lamps use up to five times less power to illuminate a site than standard halogen lamps. This, coupled with zero maintenance, makes it far more cost effective than standard halogen systems and very eco-friendly

#### **Remote telemetry control**

A contact input is provided to allow remote arming/disarming of the IR LED lighting system from any standard control system

## MODEL NUMBERS IN THIS RANGE:

0445990	VIRPR120-8-850	120°, 8 metre range, 850nm IR LED Lamp with PSU & integrated photocell, camera power output
0446000	VIRPR120-16-850	120°, 16 metre range, 850nm IR LED Lamp with PSU & integrated photocell, camera power output
0446010	VIRPR120-32-850	120°, 32 metre range, 850nm IR LED Lamp with PSU & integrated photocell, camera power output
0446020	VIRPR120-64-850	120°, 64 metre range, 850nm IR LED Lamp with PSU & integrated photocell, camera power output
0445970	VIRPR30-80-850	30°, 80 metre range, 850nm IR LED Lamp with PSU & integrated photocell, camera power output
0445980	VIRPR30-160-850	30°, 160 metre range, 850nm IR LED Lamp with PSU & integrated photocell, camera power output

## TECHNICAL SPECIFICATION

### GENERAL

Distance options	8m, 16m, 32m, 64m, 80m & 160m
Angle options	30° & 120°
Wavelength	850nm
Cable length	2.5m
Photocell	Situated on PSU, adjustable level

### PHYSICAL

Case colour	RAL7035
Case material	Aluminium
Dimensions & weight	VIRPR120-8-850 - 75(W)x54(D)x100(H)mm, 1.9Kg VIRPR120-16-850 - 100(W)x62(D)x135(H)mm, 2.1Kg VIRPR120-32-850 - 135(W)x65(D)x181(H)mm, 4.4Kg VIRPR120-64-850 - 270(W)x65(D)x181(H)mm, 6.5Kg VIRPR30-80-850 - 135(W)x65(D)x181(H)mm, 4.4Kg VIRPR30-160-850 - 270(W)x65(D)x181(H)mm, 6.5Kg

### ELECTRICAL

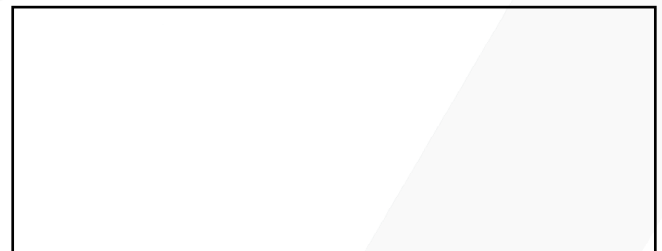
Operating voltage	PSU input 100 ~ 240V AC, auto-sensing
Switch out-put	N/O volt free relay
Power Consumption	VIRPR120-8-850 - 10W max VIRPR120-16-850 - 25W max VIRPR120-32-850 - 40W max VIRPR120-64-850 - 80W max VIRPR30-80-850 - 40W max VIRPR30-160-850 - 80W max

### ENVIRONMENTAL

Operating temperature	-20° to 40°C
Weatherproofing	IP66

### ADDITIONAL BRACKET OPTION

0495840	VIRBWM	Wall mount bracket allows rotation
0495860	VIRBPTZ	Bracket to allow installation of 2 IR lamps onto a P/T motion
0495870	VIRB180	Bracket to allow installation of 2 IR lamps to top of a tower with 4" PCD
0495880	VIRB360	Bracket to allow installation of 4 IR lamps to top of a tower with 4" PCD
0495890	VIRBSPM	Side pole mount



No liability will be accepted by Vista for any errors or omissions in this information.

DS-VIRPR-version 1