



LED

Number Plate Capture



REG LED is the complete solution for consistent, reliable number plate capture. The unit combines the latest camera, optics, illumination and filter technology to provide clear images of number plates in both day and night conditions, at distances of up to 12 metres.

Derwent, through its unique

combination of camera and IR technology have overcome the many problems associated with accurate number plate capture. REG overcomes all issues related to speed, daytime highlights, reflectivity of number plate and accurate focus during the day and night, car headlights etc.

REG is a fully integrated system which captures number plates 24 hours a day whatever the weather conditions and is designed to ensure maximum ease of installation and immediate results. Low maintenance and excellent reliability are assured with REG delivering average illuminator life of > 5 years. Applications include car parks, access control, toll booths, airports, hotels, congestion monitoring, private estates etc. REG has been designed to work on a stand-alone basis with VCR or Digital Recorders or in conjunction with ANPR software.

Design:

Number Plate Capture
External
24 Hour Coverage
Long Life
Up to 12 metres
Use with VCR or DVR or software

Applications:

Entry/Exit
Access Control
Car Parks
Toll Booths
Airports
Hotels
Police/Govn
Private Estates
Industrial Estates



Dusk - headlights on



Dusk - headlights on



- Number Plate Capture
7 & 12 metre versions
- Easy to install "Plug & Play" Fit & Forget
- Combined camera & matched IR lighting
- No focus shift between daytime & IR operation
- Discreet, compact design Integral bracketry & cable management
- Hi-Resolution Ex-view Camera
- 24 Hour - No other illumination required
- High reliability - low maintenance system
- Average life of illuminator > 5 years
- Derwent provide dedicated technical support & can provide specific advice on your application



LED



Note:

REG is calibrated to ensure maximum accuracy and capture. Please ensure the target number plate is within the maximum distance quoted for the REG product used. Please ensure mounting height and horizontal distance are accurately measured and the target distance calculated.

REG is designed to work with UK number plates which are retro-reflective. Most European number plates are retro-reflective but vary in size. Please refer to Derwent for advice.

REG must be located at an incident angle to the numberplate of less than 35° to ensure sufficient Infra-Red is reflected back to the camera.

Camera & Integrated IR

Sensor	1/2"Ex-view sensor
Resolution	High Resolution 570 TVL
Construction	Robust aluminium casting & extrusion
Environmental	Integral heater & sunshield
Weight	4.8kg
Consumption	Approx 0.9A@24V = 22 Watts
IR Life	Average 5 year life
Colour	REG is available in traffic yellow (RAL1023) and black as standard - other RAL colours available to order. For black insert B at the end of product code. For yellow insert Y at the end of product code

Power Supply Specification

REG LED requires 24V AC input Derwent recommend PSU230/24

Mains Supply	230V ac, 50 Hz,0.315 AT fuse, <0.25Amp
Output	2 x 24 VAC @ 1.04Amp
Dimensions	160mm(L) X 120mm(W) X 90mm(H)
Weight	1.6Kg
Construction	Polycarbonate - IP66
Colour	Light Grey (RAL 7035)

Bracketry

REG is supplied with a wall-bracket as standard. Other bracket options are available:
Pole Mount - Top
Pole Mount - Side
Wall Mount - Corner

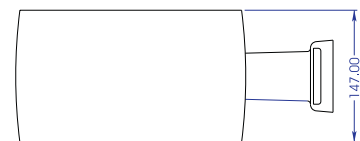
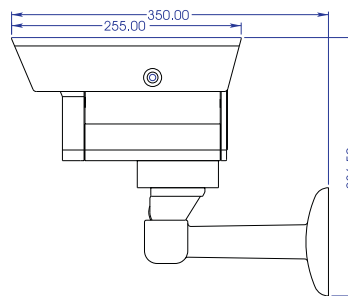
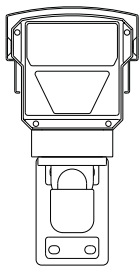
Codes & Description

REG LED 07Y	Reg LED 7 metre capture, yellow
REG LED 07B	Reg LED 7 metre capture, black
REG LED 12Y	Reg LED 12 metre capture, yellow
REG LED 12B	Reg LED 12 metre capture, black

General Note on Number Plates

All the distances quoted on this document refer to standard UK number plates which are retro-reflective. The distances for other nationality plates may differ according to the size and reflectivity of the plate - Derwent will be happy to advise on the suitability of REG for your specific scheme.

The subject of number plate capture is complex and requires a matched, system approach to achieve the quoted results. All the components of REG are selected to ensure compatibility and to provide the highest quality images.



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In view of company policy of continuous product development the specifications may be changed without notice.