

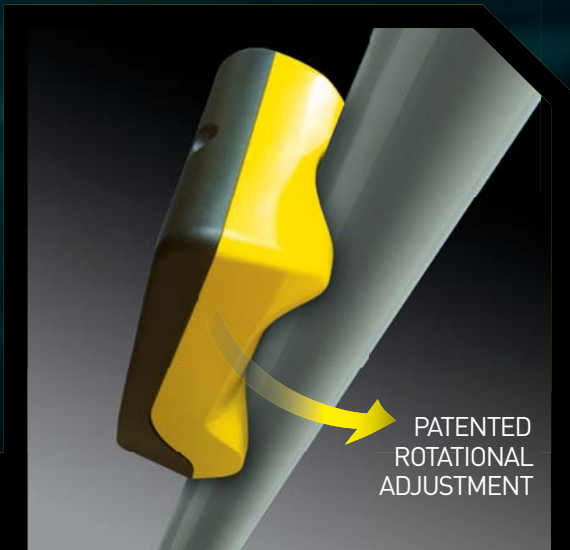
- VEHICLE DETECTION
- JUNCTION CONTROL
- PEDESTRIAN DETECTION
- PEDESTRIAN SIGNALS**
- SPEED & COUNT
- WIRELESS CONNECTIVITY
- SPEED ENFORCEMENT



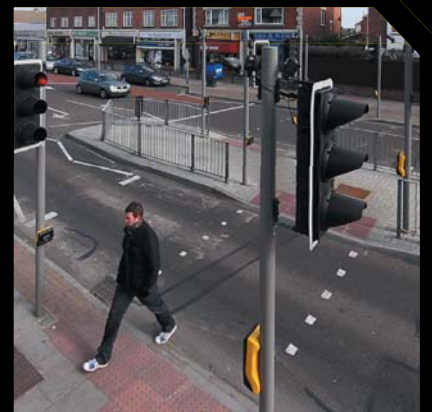
THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION
2011

AGD946

Combined Puffin Nearside Signal



PATENTED
ROTATIONAL
ADJUSTMENT



Global
TECHNOLOGY
Solutions

AGD Systems - Your Partner for Innovative Technology Solutions

www.agd-systems.com

www.agd-nss.com



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Gloucestershire, GL51 0TF. UK

AGD946

Combined Puffin Nearside Signal



THE QUEEN'S AWARDS
FOR ENTERPRISE:
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Award winning modern nearside signal

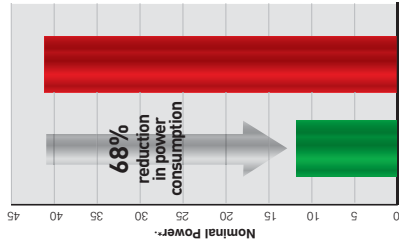
The AGD946 displays some very impressive Green Credentials

At a time when reducing CO₂ emissions is high on local authority agendas the AGD946 offers the lowest power signal in class with Exelon codes available for the complete signal range. The AGD946 is unique in that it compliments all latest industry controllers in offering full compatibility for ELV operation and Direct Current Monitoring.

MINIMISED ENERGY CONSUMPTION

- Lowest Power one-part signal in class
- Reduced energy costs
- Exelon Code allocation: 79 55 013 000 100

SOURCE: WAVELENGTH.CO.UK, APRIL 2011



REDUCED CARBON FOOTPRINT

- Reduced CO₂ Emissions
- Signals manufactured from 73% Recycled UK Aluminium
- AGD946 is 92% Recyclable by weight at end of life
- Manufactured in the UK



Award Winning Green Business

AGD946 Company A

* This equates to 132g of CO₂ per annum. * Calculations of kWh to CO₂ tons based on Carbon Trust Website conversion.



AGD Systems have the largest installed base of nearside signals in the UK.

The unrivalled optical quality of the AGD946 is matched by world class manufacturing and testing at our facility in Cheltenham to give proven reliability in the field over many years.

- Full testing of individual signal aspects
- Final unit testing of electrical and optical elements

Reliability is key with successive and improvements and confidence in the products extends to a market leading warranty.

FIT FOR PURPOSE

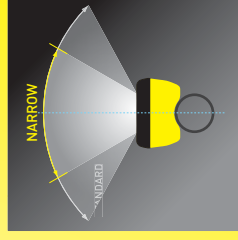
- Long life high intensity LEDs
- High signal uniformity and high phantom performance
- Proven Reliability
- Easy to Install & Maintain



MODERN COMPACT NSS

www.agd-nss.com

- Award winning compact one-part solution
- Modern style with patented rotational adjustment features (GB2417817)
- Registered design
- Unrivalled optical performance
- Patented Narrow Field of View options via internal louvres
- Compatible with industry controllers for ELV and DCM



- Patented Narrow Field of View options via internal louvres



- Patented rotational adjustment via slots [+/-15 deg] (GB2417817)



- Modern style housing with concealed hinges



- Improved tactile mounting position



- Wrap-around shape that hugs the mounting pole



- Illuminated vandal resist, touch-sensitive button

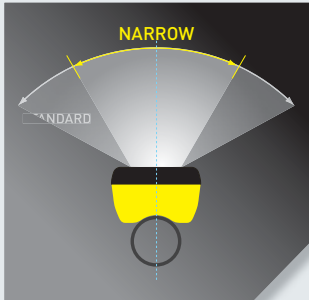
AGD946 NFOV Signal Options

PATENTED NFOV SIGNAL OPTIONS

Factory fitted Narrow Field of View options for the AGD946 signal offers increased flexibility and pedestrian safety particularly at complex junction installations.

The reduced viewing angle of the green aspect ensures the pedestrians focus stays with the main signal.

This important patented safety feature is achieved by use of internal louvres.



'Read through' on standard Puffin nearside signal optics



Same nearside signal view but with special optics fitted to green aspect

COMMON ORDERING CODES

LV, ELV + DCM VERSION

Combined Puffin Unit, standard optics with vandal resist button (moving)

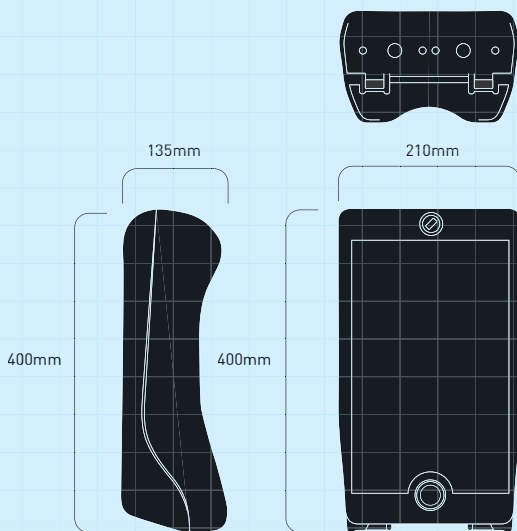
AGD946-660-000

Combined Puffin Unit, NFOV optics with vandal resist button (moving)

AGD946-662-000

For the full range visit: www.agd-nss.com

DIMENSIONS



SPECIFICATIONS

Technology	High intensity LED
Weight	6.8kg
Screen Impact Resistance	Impact IK10 - BS EN50102 (single impact)
Housing Material	Marine Grade Aluminium Alloy
Paint Finish	Exterior Grade UV Resistant Polyester Powder Coat
Signal Colour	Meets requirements of EN12368 Signal uniformity < 2:1 (market leading)
Operating Temperature	-30°C to +60°C
Power Supply	48V ac
Current Watts	Green 10.0W Bright 3W Dim @48V ac Red 7.0W Bright 2.3W Dim @48V ac
Nominal Wattage (as per Elexon Code*)	13.0W
Dimming	20% of the nominal normal intensity
EMC Specification	EN50293
HA Specification	TR2511
Rotational Pole Adjust	±15°
Fixing Centres	200mm

*Full Elexon code available on Elexon website www.elexon.com or AGD website www.agd-systems.com

AGD Products and Services may be covered by patents or appropriate IPR protection.



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