



This new electronic photocell unit embodies state of the art technology. The integrated circuit contains a 'state machine' which eliminates cycling caused by transient light changes, and a silicon photodiode, filtered to closely match the CIE photopic curve. The combining of detection and switching circuitry on a single slab of silicon ensures extremely accurate night to night, and unit to unit switching, with no drift in switching levels.

This is coupled with the proven *synchronous switching* technology to reduce high inrush currents. With a 20 year life expectancy, and carrying a 10 year guarantee, the controls are tested for 35,000 cycles of switching. Load handling is 3 x 400W HPS. Power consumption of the unit is only 0.25W, which means reduced energy costs.

The cone and base have been designed to IP67 rating as standard on this unit.

The OASIS 2000 is the most reliable and most accurate photocontrol unit available today

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## STREET LIGHTING CONTROL

### TECHNICAL SPECIFICATION

#### SENSOR

Filtered silicon photodiode

#### SENSOR DRIFT

Zero over 10 years

#### SWITCHING LEVEL

70 Lux standard

#### SWITCHING DIFFERENTIAL

1:0.5 Negative  
positive on request

#### VOLTAGE

50Hz 230V  $\pm$  10%

#### MAXIMUM LAMP LOAD

3 X 400W HPS 96 $\mu$ F PFC

#### SWITCHING CYCLES

35,000

#### POWER CONSUMPTION

0.25W

#### OPERATING TEMPERATURE

-20°C to +80°C

#### INGRESS PROTECTION

IP67

#### CERTIFIED TO

EMC Emission to EN 50081-1  
EMC Immunity to EN 50081-2  
BS 2011 Vibration  
BS 5972: 1980