

SELC 849/849-2P

*One and Two-part
Photoelectronic Lighting
Controller*



SELC 849



SELC 849-2P

High tech dusk to dawn lighting control

Now with optional remote detector

The first miniature capable of controlling 2000VA



SELC 849/849-2P Range

PHOTOELECTRONIC ONE AND TWO PART DUSK TO DAWN LIGHTING CONTROLLER

The SELC 849 miniature photo-cell range has been specifically developed for those lighting systems requiring internal installation of the main power unit. Separation of the detector head from the main switching unit is one of the main advantages of the SELC 849-2P.

As with all SELC products the SELC 849 range incorporates customised filtered phototransistors, to offer the same accurate switch on/off. This is essential so as full compliance with stringent electricity supply tariffs are maintained throughout the life of the installation.

*The First Miniature P.E.C.U. capable of controlling
2000VA Inductive Load.*

**“A MAJOR BREAKTHROUGH IN INDUCTIVE
SWITCHING”**

THE MAIN BENEFITS OF THE SELC 849 and 849-2P RANGE ARE :

- Filtered Silicon Sensor to closely match the human eye response curve
- Encapsulated transformer regulated power supply for greater reliability
- Detector head sealed to IP67
- State-of-the-art micro-controlled circuitry for control of sensing time delays and R.A.T. switch sequencing
- The availability of the SELC 849 as a one part or a two part unit
- Detector cable lengths available from 0.25m up to 2m for the Selc 849-2P
- Protected from the secondary effects of lightning
- Hard-wired installation to deter vandals
- Negligible power loss during load control

**A NOW PROVEN LIFETIME OF OVER 20 YEARS.
BACKED BY A FULL MANUFACTURERS**

6 YEAR GUARANTEE

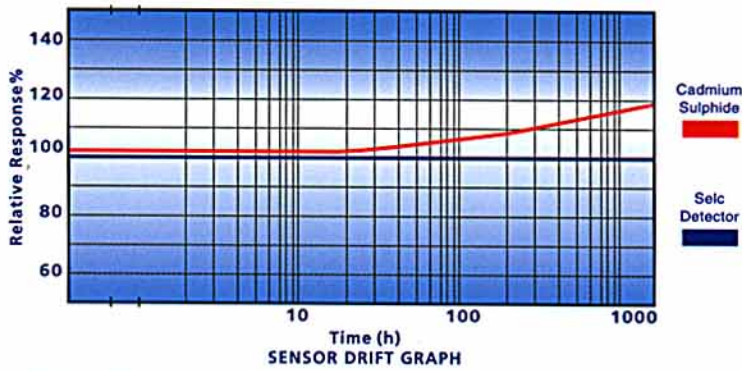
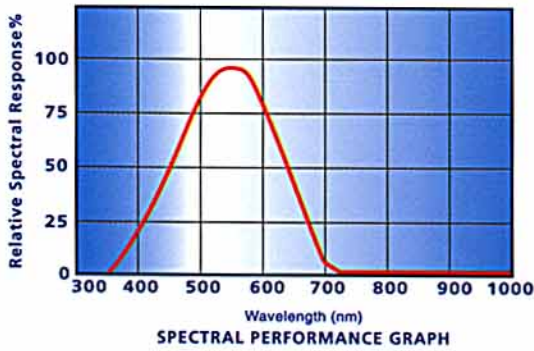


MANUFACTURING STANDARDS: I.S. EN ISO 9002

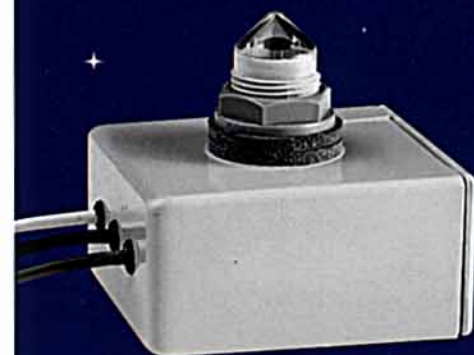
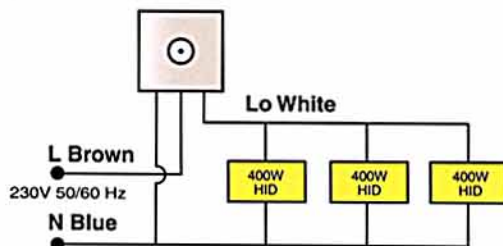
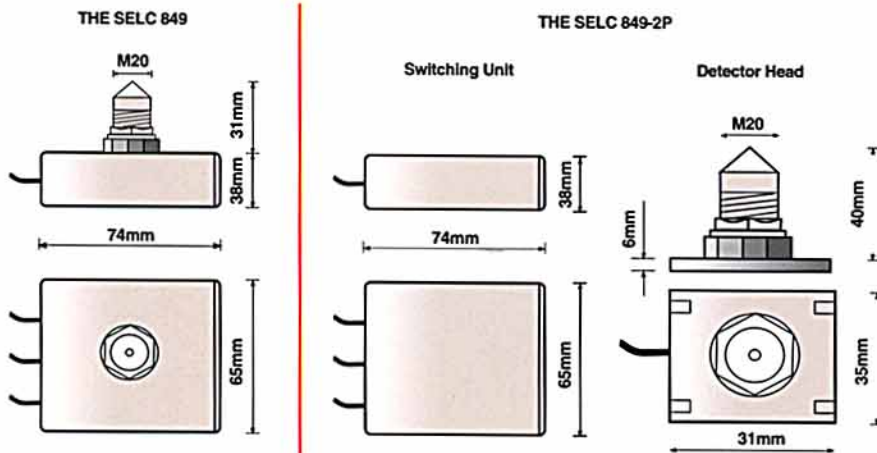
The technical requirements of the standard referred to above are identical to the following national standards harmonised with EN29002; NBN X 50-004; NF X 50-132 NEN 2647; NS 5802; SN 029 100B; BS 5750: PART 2(ISP 9002-1987); DIN ISO 9002; AND US Standard ANSI/ASQC Q92-1987.

Lightning Over-voltage Protection by Varistor.

Approved to: CECC 42 201-802 OF 1992 UL E98144; VDE 53 138 E.



DESIGNED TO MEET THE REQUIREMENTS OF: IS 428 1991



SPECIFICATION OF SELC 849 RANGE

Type:	Electronic 1 Part or 2 Part - Solid State
Voltage:	230V AC 50/60 Hz
Load Handling:	3 x 400W HID
Load Current Capacity:	10A Inductive
Temperature Range:	-20° to +70°C
Switching Delay:	25 Seconds
Switching Ratio:	1:0.5, 1:1, 1:1.5, 1:2
Electromagnetic Compatibility:	EN 61547:1995 - 1 and EN 55015:1996
Electronics Power Consumption:	950mW
Enclosure Material:	Plastic
Switch on Levels:	55, 70, 100 Lux
Sensor Drift:	Zero over 6 Years
Spectral Drift:	±10% Evening to Evening
Conical Cover:	1% Decrease in Light Transmission over 6 Years
Cable Type:	Multicore
Conical Cover Material:	Plastic
Head Material:	Flame Retardant Plastic
Detector Sealing:	Certified to IP67
Sealing Gasket:	Nebar Material

PATENT No's: 4791290, 2166003, 2203240, 2516/84

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A FULL MANUFACTURERS 6 YEAR GUARANTEE*

The name SELC Electronics Ltd. has become synonymous with quality in the area of Public Lighting, where our range of PECU's consistently outperform all other systems with their accuracy and reliability, even in the most demanding environments. No other system offers today's Lighting Engineer the cost effectiveness of the SELC range.

As specialists in the field of Lighting Control we know our market and are dedicated to serving it. Our philosophy of developing total quality management with the ability to add vision and innovation to tried and trusted electronics theory, is the platform on which our company was built. Our policy is to strive to expand and to improve upon a standard of product and level of service which is already unparalleled in the industry, and our commitment to quality is your guarantee of total satisfaction. In our area of specification we are acutely aware of the necessity to remain flexible in our approach to design, specification and supply... only QUALITY will be standardised.

For further information on the SELC 849 range contact:

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