

PHOTOCELL SWITCHES



These controls are designed to automatically switch lights ON or OFF according to ambient light level.

Built-in differential ensures the artificial lights do not affect the photocell.

Built-in time delay of 1 minute avoids unnecessary switching.

CEFL PH, CEPH NO, BMINTPH and BMEXPH

Switches the lights on when there is not sufficient ambient light available and off when there is sufficient ambient light available.

CEFL PHRE and CEPH RE

These 'Re-set' versions switch the lights off when there is sufficient ambient light but require a wall switch to be operated in order to switch on. In this way the lights only switch on when demanded.

SZCEFL and SZCESR

These remotely programmable controls feature both photocell based switching and 'permanent' ON/OFF override.

When set in the photocell switching mode, the control will switch lights ON when there is not sufficient ambient light available and OFF when there is sufficient ambient light available. The products can be programmed to be in this mode during certain times of day.

When set in the ON /OFF override mode lights can be programmed to switch ON or OFF at fixed times of day.

SPECIFICATION:

Photocell range: See table on page 51

Dimensions: See diagrams below.

LOADING: CEFL PH, CEPH NO, CEFL PHRE, CEPH RE

Up to 6 amps (1500W) of resistive, fluorescent or transformer lighting loads.

LOADING: BMINTPH

Up to 10 amps (2500W) of resistive and tungsten.
Up to 6 amps (1500W) of fluorescent (switch start) or mains halogen lamps*.

Up to 3 amps (750W) of electronic or wire wound transformers or compact fluorescent or LED lamps.

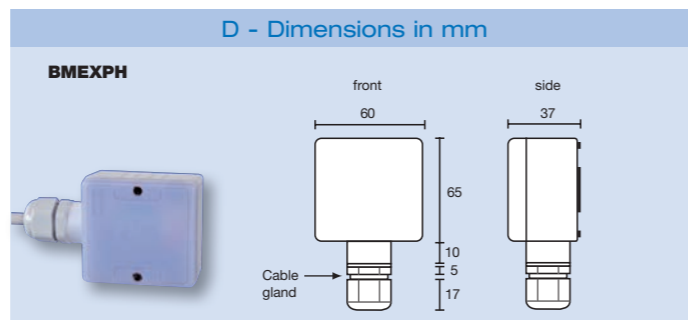
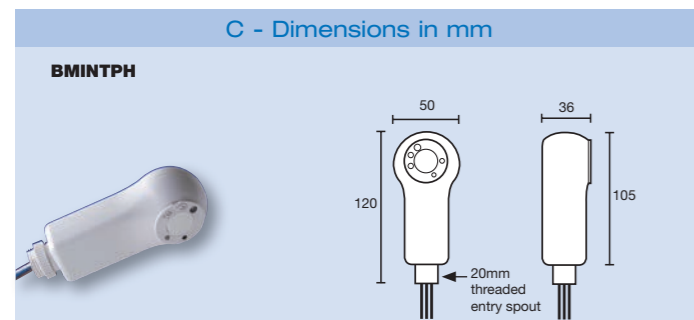
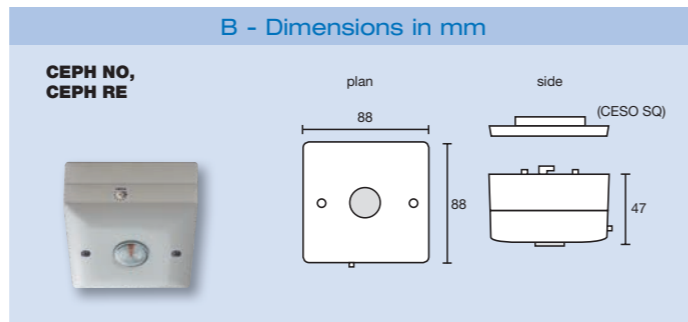
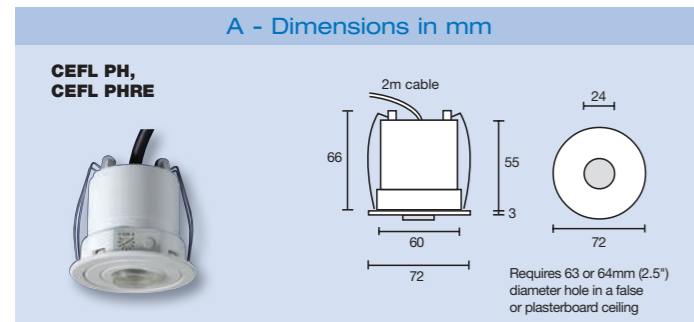
*Recommended with integral thermal safety fuse.

LOADING: BMEXPH

Up to 6 amps (1500W) incandescent or mains halogen lamps.
Up to 4 amps (1000W) electronic or wire wound transformers, fluorescent lamps (high frequency or switch start).

Up to 2 amps (500W) compact fluorescent or LED lamps.
Up to 1 amp (250W) most fans and metal halide discharge lamps.

5 YEAR WARRANTY - MADE IN THE U.K.



PHOTOCELL SWITCHES

DANLERS PRODUCT ORDER CODE	PHOTOCELL LUX RANGE	PRODUCT DESCRIPTION	WIRING DIAGRAMS	DIMENSION DIAGRAMS
CEFL PH	100-1000	Switching photocell. Ceiling flush mounted for suspended or plasterboard ceilings. Complete with 2m cables for quick and easy installation.	51.1	A
CEPH NO	100-1000	As CEFL PH except ceiling surface plug-in version for solid ceilings. Plug into CESO Ceiling socket (CESO can be mounted on a BESA box).	51.1 and 51.2	B
CEFL PHRE	100-1000	"Re-set" switching photocell. Switches off when ambient light is below a chosen threshold, but requires a wall switch to be operated to switch on. Ceiling flush mounted for suspended or plasterboard ceilings. Complete with 2m cables for quick and easy installation.	51.1	A
CEPH RE	100-1000	As CEFL PHRE except ceiling surface plug-in version for solid ceilings. Plug into CESO Ceiling socket (CESO can be mounted on a BESA box).	51.1 and 51.2	B
BMINTPH	100-1000	Batten mounted switching photocell. Can be mounted onto the end of lighting battens via the 20mm knock out. 1 meter wire tails to connect to the lighting ballast. IP53 rated enclosure. Active photocell operation with Overlux timer (passing cloud timer) to minimise unnecessary switching (adjustable from 1 minute to 1 hour). With its unique one touch calibration process, the photocell switching thresholds are precisely tuned to take into account the brightness of the artificial lights being controlled. This increases energy saving by reducing over illumination and eliminates the risk of the load 'cycling' on and off.	51.1	C
BMEXPH	10-300	Switching photocell with IP66 rated enclosure. Can be mounted onto the end of lighting battens via the 20mm knock out. 1m wire tails to connect to the lighting ballast.	51.1	D
SZCEFL	30-1000	Switching photocell with automatic ON/OFF scheduling. Remotely programmable by Android (4.3 or later) phone or tablet via Bluetooth Smart. Ceiling flush mounted for suspended or plasterboard ceilings. For dimensions see CZCEFL page 20.	51.1	See page 20
SZCESR	30-1000	As SZCEFL but ceiling surface mounted for solid ceilings. For dimensions see CZCESR page 28.	51.1	See page 28

