

**Redlined BSCP520 'Unmetered Supplies Registered in SMRS' changes for CP1389  
'Removal of Lux Meter Requirement for PECU Arrays'**

The CP1389 proposes changes to BSCP520 section 4.5.2.1.

We have redlined these changes against version 20.0 of the BSCP.

#### 4.5.2.1 Minimum Specification for PECU Arrays

Number of Photocells per PECU array	30
Arrangement of Cells	Any arrangement which ensures no over shadow of one cell on another.
Mounting Platform	Flat platform which can be fitted on a flat roof or supported on a single upright for wall mounting. All the construction must be coated with a weather coated finish.
Mounting for Photocells	NEMA photocell sockets and 6 blanking plates to cater for miniature cells where required, in a waterproof housing.
Waterproof Housing	All equipment externally located must be protected by a weatherproof enclosure.
Data Collection	To capture the switching on and off times of each cell <del>together with the Lux level</del> at time of operation for a minimum of 7 days and 28 events per cell. Rolling Barrel (data overwrites once the logger is full).
Clock or time counter	The data collector must be accurate to +/- 20 seconds / month, which is checked by the EM at the time of contact.
Operating Temperature	-20 to +50 degree Celsius.
<del>Lux Meter</del>	<del>Recording the illumination level at time of switching.</del>
Communication Protocol	Determined by the EM to permit interrogation for remote data collection.