



Meteorologie Lichtsensoren NDVI-Sensorik



SKR1800/1850/1850A/1870A SENSORS

1) Please Specify Wavelengths Required

* If you are trying to match a satellite band, please advise which satellite as it is possible that we may be able to match the satellite bands

	Centre Wavelength	Bandwidth	Satellite
Channel One			
Channel Two			
Channel Three*			
Channel Four*			

*Channels Three & Four only applicable for SKR1850/SKR1850A/SKR1870A Sensors
We aim to achieve +/- 2nm on the Centre Wavelength and Bandwidth

OR

	*Cut On Point	*Cut Off Point	Satellite
Channel One			
Channel Two			
Channel Three			
Channel Four			

* FWHM full width half maximum, 50% cut on/cut off points

Eg. Cut on/Cut off 620nm - 680nm

We aim to achieve +/- 2nm but occasionally due to availability of filters this may be up to +/-5nm

2) Will you require a copy of the excel file containing the response curves of the sensors? (There is an additional charge for this)

YES/NO

3) Please provide us with some information with regards to the application in which you will be using these sensors

4) Only answer this question if you are ordering only 1 x SKR1850A/SKR1870A/SKR1800 with SKP220
Which of the following will you be measuring with this sensor:
Please delete as appropriate:

Incident YES/NO
Reflected YES/NO

5) If you are ordering a SKR1850A/SKR1870A please advise the maximum light levels you are planning on measuring with this sensor:
(or will you just be measuring outdoor/natural sunlight)

6) Please advise what scaling you require on this sensor and also the voltage output?

Scaling _____ Voltage Output _____
Channel One _____ eg 0-2V / 0-5V
Channel Two _____
Channel Three _____
Channel Four _____
eg. 0-3000µmols

* Please note Voltage Output over 0-2V requires a 9-15v dc supply

7) If you are not purchasing a Skye DataHog/SpectroSense, please advise to which datalogger/meter the sensor/s will be connected to. ie. Campbell logger

8) Will you be using the sensors in temperatures lower than -20 degrees Celsius?

Delete as Appropriate
YES/NO

If YES, please specify _____

IMPORTANT - PLEASE NOTE

* The sensors have DEFAULT units of $\mu\text{mol m}^{-2} \text{s}^{-1}$

* Sensors are available with units W m^{-2} ; please specify at point of order if you require these units

* If you are unsure as to any of the questions above, please do not hesitate to contact Skye for further clarification. In the case where you cannot specify the scaling and voltage, Skye will manufacture the sensor using our 0-1V standard.