

# RAMSES-ARC hyperspectral radiance meter (SN847b)

## Summary

The RAMSES-ARC hyperspectral radiance meters is used to measure upwelling and sky-leaving radiance.

|               |                                 |
|---------------|---------------------------------|
| Manufacturer  | TriOS GmbH                      |
| Model         | RAMSES-ARC                      |
| Serial No.    | 847b                            |
| Type          | radiometer                      |
| REGISTRY-Link | <a href="#">REGISTRY (8657)</a> |



## Position

|      |                                                             |
|------|-------------------------------------------------------------|
| Info | no xyz-position given. Device is installed on the foremast. |
| X    | 0.0 (no unit given)<br>(no description given)               |
| Y    | 0.0 (no unit given)<br>(no description given)               |
| Z    | 0.0 (no unit given)<br>(no description given)               |

## Parameters

| Parameter | O2ARegistry Output Type | Unit |
|-----------|-------------------------|------|
| radiance  | direct radiation        | W/m2 |

## Documentation

- [RAMSES ARC brochure \(Factsheet, 740 kB\)](#)
- [ARC-VIS\\_847b\\_20220121 \(Calibration Certificate, 139 kB\)](#)
- [Calibration\\_SetUp\\_NIST \(Standard Operation Procedure, 712 kB\)](#)