

FieldCAL

Spectral field calibration device for RAMSES radiometer

The main function of FieldCAL device is to carry out a reliable calibration check of RAMSES hyper-spectral radiometers in the field. Due to the special design radiance and irradiance devices can be checked. For radiance sensors a special adapter cone is used, which is included in the set. Small dimensions and a rugged transport box make FieldCAL to an useful accessory for operational light measurement systems.



FieldCAL mounted on
RAMSES ARC and ACC



FieldCAL

Info

spectral range	430 - 730 nm (measurement) 310 - 950 nm (with extrapolation software)
light source	super-bright white LED with spherical diffuser
stability	typically better than 1% after 1 minute
battery pack	4 cells type AA; non rechargeables
operation time	typically 50 hours per battery pack
material	POM, seawater resistant plastic, black
size	d= 50mm x 140mm d= 50 / 60mm x 182mm (with ACC adapter)
operation temperature	0 - 40°C



- high stability
- battery powered
- small size
- easy to use
- for RAMSES irradiance and radiance sensors

order codes

21 2000	FieldCAL (field calibration device with transport box and software)
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The FieldCAL was developed in cooperation with Mr. M. Wernand of the Royal Netherlands Institute for Sea Research (Royal NIOZ)