

eWO



# LightLogger

HARDWARE & SOFTWARE  
FOR LIGHTING MEASUREMENTS

# LightLogger

## MEASURING TOOL

ewo has developed an easy-to-use and mobile measuring instrument for time-saving and precise measurement of illuminance lux (lx), compliant with numerous regulations and standards (e.g. EASA, ICAO, EN 12464-2).



### AREAS OF APPLICATION

- Airport aprons
- Parking spaces
- Ports
- Container terminals



### HANDLING & FUNCTIONALITY

- Fast assembly for only one person
- Mobile assembly (e.g. transportable by car)
- Georeferencing via GPS
- Self-aligning measuring sensors
- Robust transportation case
- Rugged tablet



### MEASUREMENT SPECIFICATIONS

- Measurement of single points or wider surface areas possible
  - Simultaneous recording of up to 6 measuring points
  - Horizontal measurement at 0 or 2 m
  - Vertical measurement in four directions on 2 m
- Measurement of illuminance lux (lx)



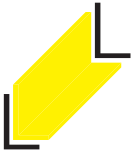
### SOFTWARE

- Automatic recording and evaluation in real time
- Various measurement modes
  - Free measurement
  - Raster measurement
  - Measurement based on existing light calculations
  - Comparative measurement
- Reports and management of measurements
- Export of data in different formats (e.g. GPS coordinates, Excel, CSV, ...)

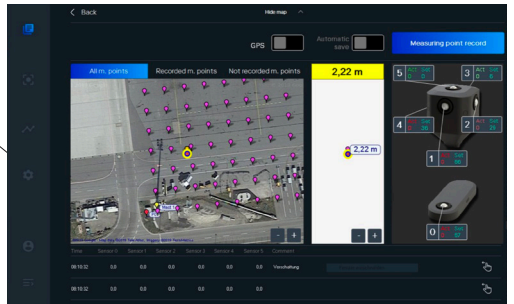
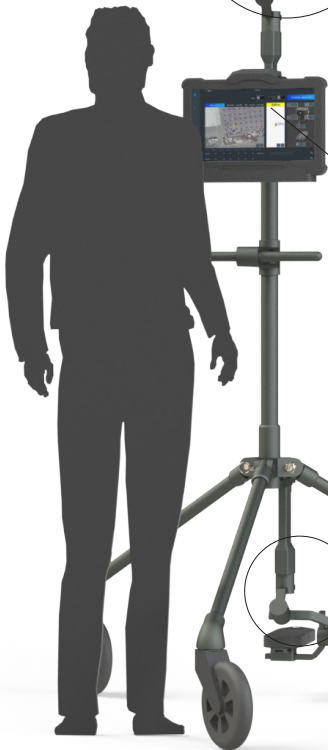


### ILLUMINANCE METER CLASS

- Class AA of JIS 1609-1:2006
- Illuminance meters part 1: general measuring instruments
- DIN 5032 Part 7 Class B



Upper light sensor



Software screenshot

Lower light sensor



# LARGE AREA LIGHTING

The field of aviation requires a substantial commitment to safety and security. Apron lighting provides safety when it performs without compromise, when all standards and regulations are met and, above all, if its systems are robust and reliable. This is why proper measurement and realisation of all lighting values are crucial and hence, why LightLogger's instrumentation is so effective.

ewo has a proud track record with airports and logistics lighting, as a pioneer in LED Apron illumination. Our products are installed in varying environments, from large global hubs to small regional airports, proving themselves durable enough for a Siberian winter and reliable enough for Arabian heat.

On-site workers report that ewo LED lighting is perceptively brighter, and its higher colour rendering index improves legibility of workplace documents. Anywhere light is needed, it is uniform and glare-free. This improves productivity and staff wellbeing and increases general airport security.



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