

Application

- omnidirectional elevated low intensity LED light suitable for unserviceability light

In Accordance with

- ICAO Annex 14, Vol. 1, 7.4.4
- EASA CS-ADR-DSN.R.870

Description/Properties

- modular design with universal light head (same as ML 125.2-OB lights)
- three base types for three power options allow flexible use
- robust all-metal construction and glass diopter secure high durability
- high degree of protection IP 67
- very low power consumption and long lamp life span thanks to the use of LEDs
- when powered from the battery or the TN-S network, the lights line up in parallel
- when powered from the serial airport power supply, the light is connected directly to the primary circuit (isolation transformer is integrated into the body of the light)
- the light illuminates at a constant intensity
- integrated reflective surface increases the safety of air traffic in the event of power failures and facilitates the light location
- on a base plate with handles for easy and quick installation to the desired location

Power System Type

- ML125.2-UL-B (external battery power)
 - input voltage 9–30 VDC
 - power input 6 VA
- ML125.2-UL-P (low voltage network TN-S)
 - input voltage 93–264 VAC / 47–63 Hz
 - power input 12 VA
 - protection Class II
- ML125.2-UL-S6T (AGL series circuit)
 - input current 2,8–6,6 A / 50–60 Hz
 - power input 12 VA
- ML125.2-UL-S2T (AGL series circuit)
 - input current 0,9–2,2 A / 50–60 Hz
 - power input 12 VA

Connection Method

- ML125.2-UL-B and ML 125.2-UL-P
 - standard 2 connection cables with standard connectors FAA L-823 style 1 and 7
 - at the user's request, one connection cable or other connectors
- ML125.2-UL-S6T and ML125.2-UL-S2T
 - 2 connection cables with standard connectors FAA L-823 style 2 and 9

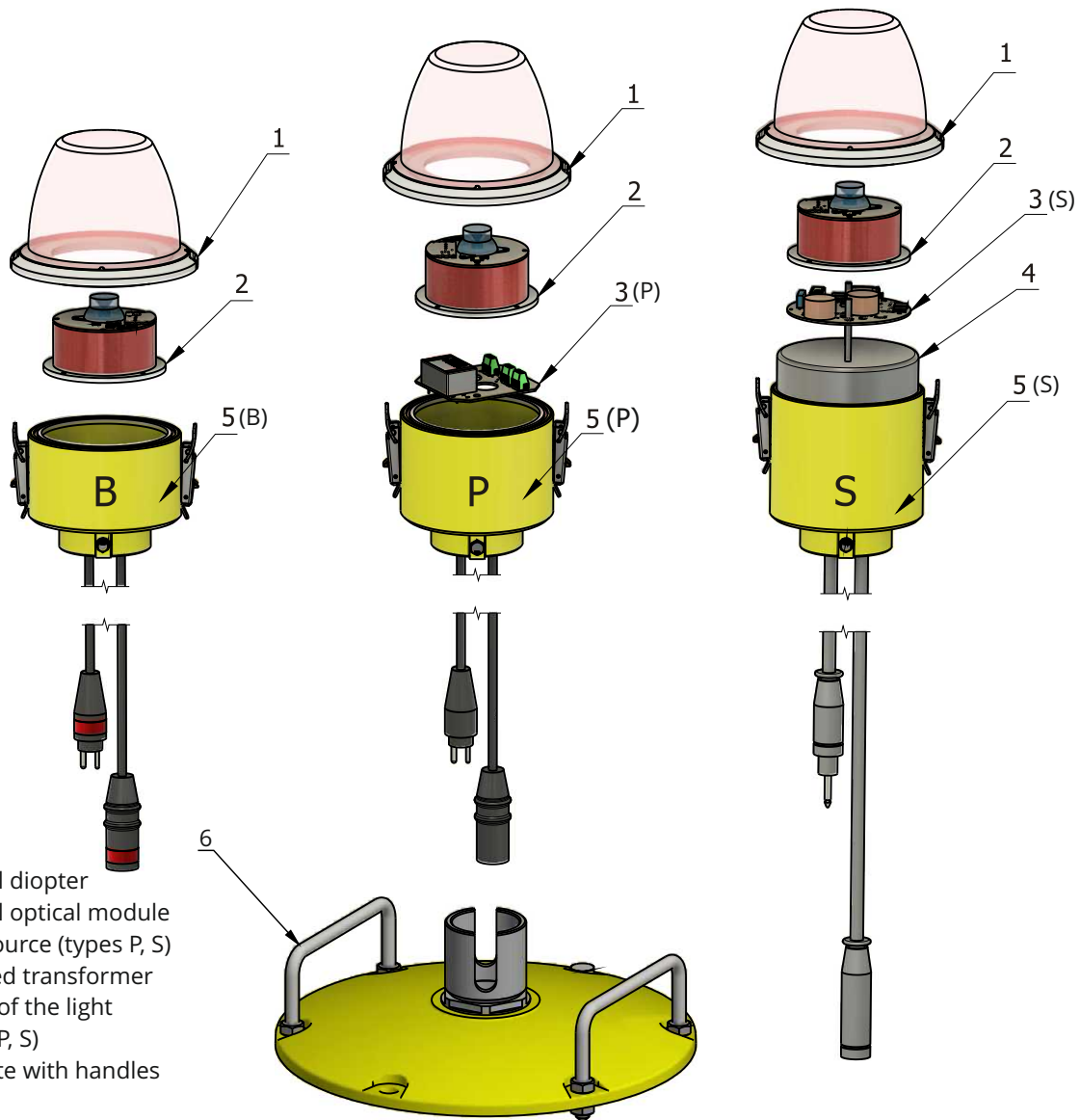
**Parameters**

- dimensions ML125.2-UL-B
 - without base plate 145×180×145 mm
 - with base plate 310×270×310 mm
- dimensions ML125.2-UL-P
 - without base plate 145×200×145 mm
 - with base plate 310×290×310 mm
- dimensions ML125.2-UL-S6T and ML125.2-UL-S2T
 - without base plate 145×220×145 mm
 - with base plate 310×310×310 mm
- weight
 - ML125.2-UL-B 1,8 kg
 - ML125.2-UL-P 2,3 kg
 - ML125.2-UL-S6T 3,7 kg
 - ML125.2-UL-S2T 3,7 kg
 - plate with handles 2,5 kg
- protection IP 67
- working temperature -40 to +55 °C
- moisture protection up to 95% at +55°C

chapter:

5.3.5

ML 125.2-UL

**Construction**

- 1 universal diopter
- 2 universal optical module
- 3 power source (types P, S)
- 4 integrated transformer
- 5 support of the light (types B, P, S)
- 6 base palte with handles

* detailed spare parts list on request

SKU

ML125.2-UL-X-X

light fixture function

UL unserviceability light

power supply

B external battery power

P low voltage network TN-S

S2T airfield series power supply system 2,2 A with integrated transformer

S6T airfield series power supply system 6,6 A with integrated transformer

designation for user-selectable modifications**SKU Examples**

ML 125.2-UL-B

external battery power

ML 125.2-UL-P

low voltage network TN-S

ML 125.2-UL-S6T

airfield series power supply system 6,6 A with integrated transformer