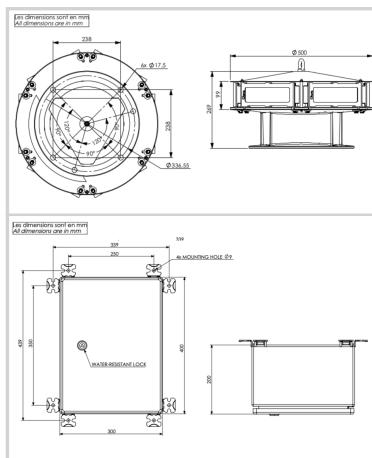




Patents: EP 1966535B1 &amp; US 7816843



## Flashhead

- 6 led projectors with 2 white led circuits in redundancy and 1 red with infrared circuit
- Aluminium and glass enveloppe
- Simple installation with no losing parts when opening the flash-head
- Led drivers in stainless enclosure inside the flash-head with 2 stage surge protections

## Power supply

- 'Weather tight' stainless steel 316L power cabinet enclosure
- Test button with 3 positions: remote (photocell), day and night mode
- Alarm in compliance with FAA Engineering Brief 98
- Multi-layer of surge protections
- External photocell
- Master/slave configuration in case of multiple lights synchronisation
- Photocell P/N 100757-KIT and side lights L-810(L)(F) NAVILITE-IR-FAA-120-240V P/N 113969IR-F for mid level to be ordered separately



## Electrical Characteristics

|                 |                                 |
|-----------------|---------------------------------|
| Main voltage    | 110VAC to 240VAC +/-10% 50/60Hz |
| Average wattage | 55W (day time), 8W (night mode) |

## Mechanical Characteristics

|                          |  |
|--------------------------|--|
| IP degree                | IP66 per projector   |
| Wiring                   | Entry of cable by glands nickel plated brass and connection by terminals |
| Operating temperature    | -40/+55°C  |
| Weight                   | 18kg for flashhead, 10kg for power cabinet                               |
| Size of the light        | 333mm (height) x 500mm (diameter)  |
| Size of the power supply | 400mm (height) x 300mm (width) x 200mm (dept)                            |
| Wire cross section       | from 1 to 4 mm²  |
| Attachment               | 6 mounting holes dia.16mm, dia.337mm circle (FAA standard)               |

## Photometric Characteristics

|  |                        |
|--|------------------------|
| IR intensity and wavelength                        | > 600mW/sr @ 800-900nm |
| Effective light output day time at 0° on site      | 20 000cd (white)       |
| Effective light output twilight mode at 0° on site | 20 000cd (white)       |
| Effective light output night mode at 0° on site    | 2000cd (red) with IR   |
| Color day/twilight time                            | white                  |
| Color night time                                   | Red                    |
| Vertical beam spread                               | >3°                    |
| Horizontal beam spread                             | 360°                   |
| Flash per minute                                   | 40/30 as per FAA       |

## Standards

|                      |  |
|----------------------|--|
| Standards compliance | ICAO annex 14 chapter 6, FAA (AC 150/5345-43J), UK MOD, Transport Canada |
| Certification        | FAA (AC 150/5345-43J), ETL certified, DGAC(Fr)                           |

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