

AES-084-01-YE/GR/RE | GPI Glide Path Indicator



Uses

The GPI provide luminous informations to the pilot for the night landing with an helicopter in severe operating conditions where the use of standard fixed equipment is not possible. The GPI mainly consists of a compact projector, that emits on the vertical plane a trichromatic light beam, as shown in the graphical representation.

Features



- High power LED technology.
- Lightweight, low-energy and environment friendly lighting fitting.
- Extensive use of aluminium alloys reduces fittings weight and eases handling in the field.
- Stainless steel fasteners.

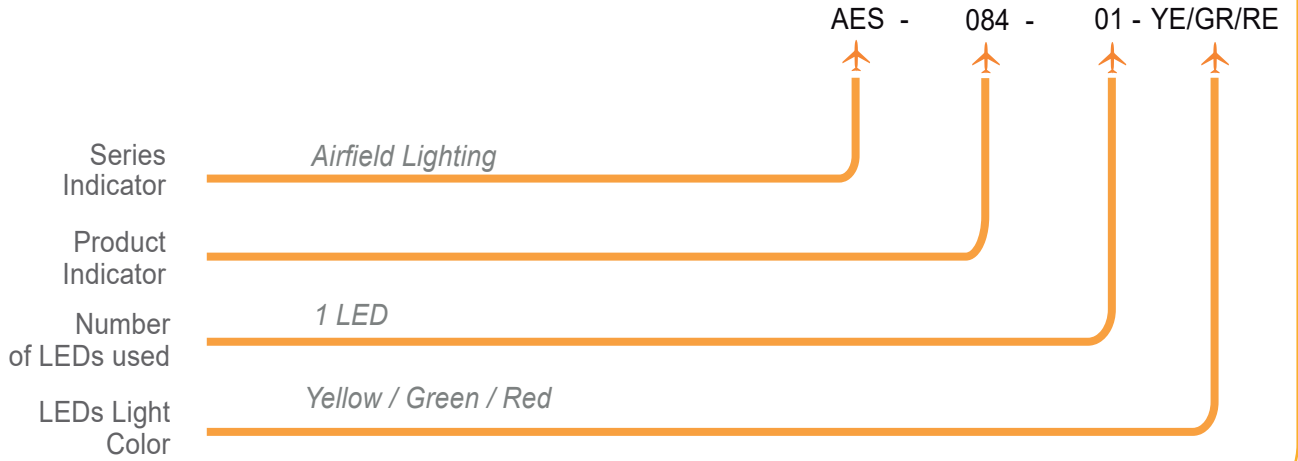


Technical Specifications

HOUSING MATERIAL	Powder-coated aluminium, RAL 1004 (aviation yellow)
DISPERSER	5mm clear polycarbonate
CABLE GLAND	Nickel-plated brass
FASTENING SYSTEM	Powder-coated aluminium, AVIATION YELLOW (RAL 1004)
ANTI GLARE VISOR	Powder-coated aluminium, RAL 9005 (black)
POWER CONSUMPTION	5W
POWER SUPPLY	90 - 230V, 50/60Hz

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Order Code



Environment

Temperature range: -55°C to +55°C

IP 66

Ka tested: Salt mist in accordance with IEC 60068-2-11 and IEC 60068-2-25

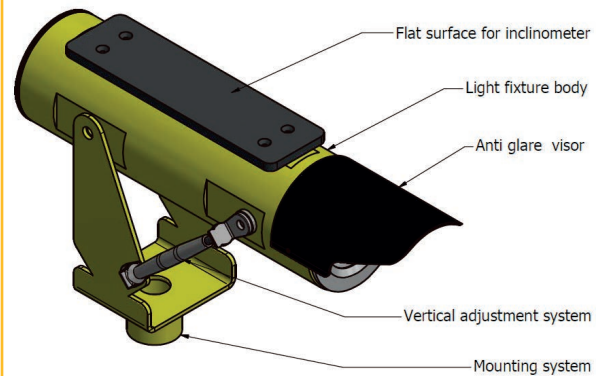
Electrical Connections

Mains power supply light fixture are pre cabled with 2m cable:

Live (brown)

Neutral (blue)

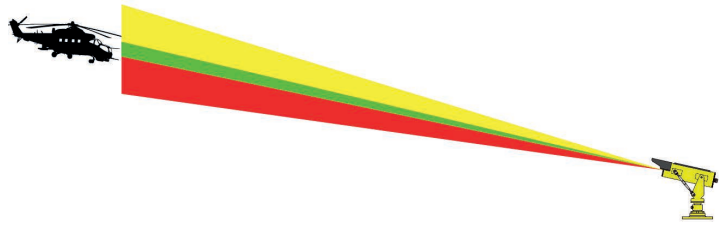
Structure



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Photometric Characteristics

Light colour	Yellow	Green	Red
Vertical elevation angle	5°	2°	5°
Horizontal beam angle	28°		
Light intensity	550cd*	310cd*	210cd*

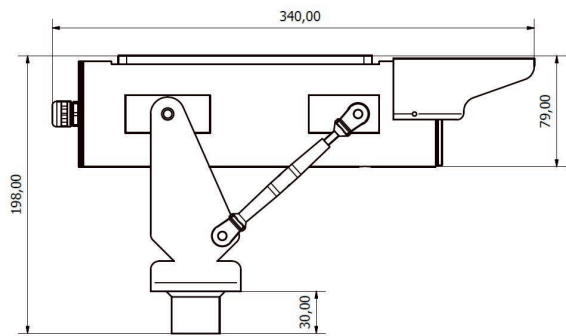
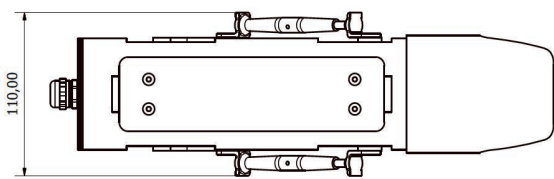


Visibility more than 10km (VMC)
* Accepted tolerance of +/- 15%

Spare Parts

Product Code	Description	Image
AES-101-AX	Frangible Coupling	
AES-102-AX	Ø 260mm Base Plate	
AES-103-AX	Mounting Flange	
AES-104-AX	Standard Ø160mm Shallow Base	
AES-105-AX	Adapter ring for 8" Shallow Base	
AES-107-AX	IP68 Electrical Junction Box	
AES-108-AX	Ø160mm Shallow Base Installation Jig	

Weight and Dimensions



Dimensions	340 x 110 x 200mm
Weight	2.65 kg

