

AES-055-08-WH | Floodlight 20W



COMPLIANCE:

- ICAO Annex 14, Vol I
- ICAO Annex 14, Vol II
- IEC TS 61827

BOARDING TIME

BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE FLIGHT
 GAES2020

GATE SEAT
23 21B

GATE CLOSSES 30 MINUTES BEFORE DEPARTURE GAES 454843121451100

GOMINTEC BOARDING PASS GOMINTEC

Uses

Floodlight lights used on heliports and aerodromes.

Features

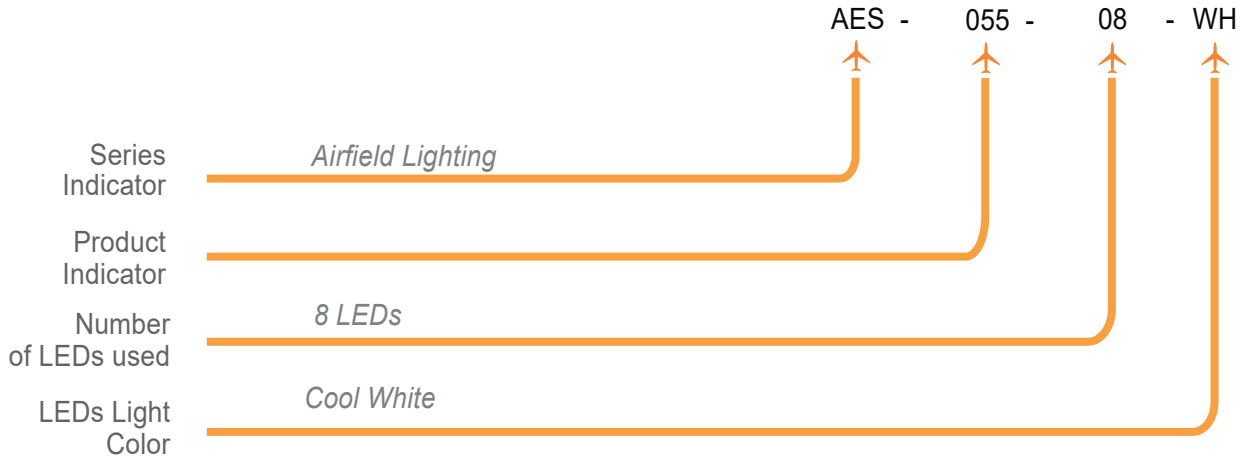
- Designed and built with simplicity and ease of maintenance in mind.
- High power LED technology.
- Lightweight, low-energy and environment friendly lighting fitting.
- Extensive use of aluminium alloys reduces fittings weight and eases handling in the field.
- Stainless steel fasteners.
- Light fixtures are provided with anti condensation valve and UV protected.

Technical Specifications

HOUSING MATERIAL	Powder-coated aluminium
DISPERSER	3mm clear polycarbonate
CABLE GLAND	Nickel-plated brass
FASTENING SYSTEM	Powder-coated aluminium, AVIATION YELLOW (RAL 1004)
POWER SUPPLY	90 - 230V, 50/60Hz - non dimmable
POWER CONSUMPTION	25W

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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

1. Light Fixture pre cabled with 0,5m cable
2. IP 68 Electrical Junction Box

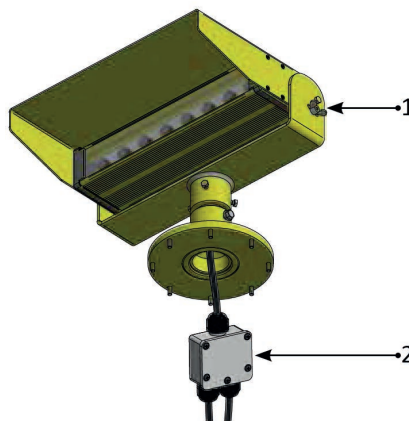
Types of power supply:

- 230V AC directly from mains power supply

Live (brown)

Neutral (blue)

Ground (green/yellow)

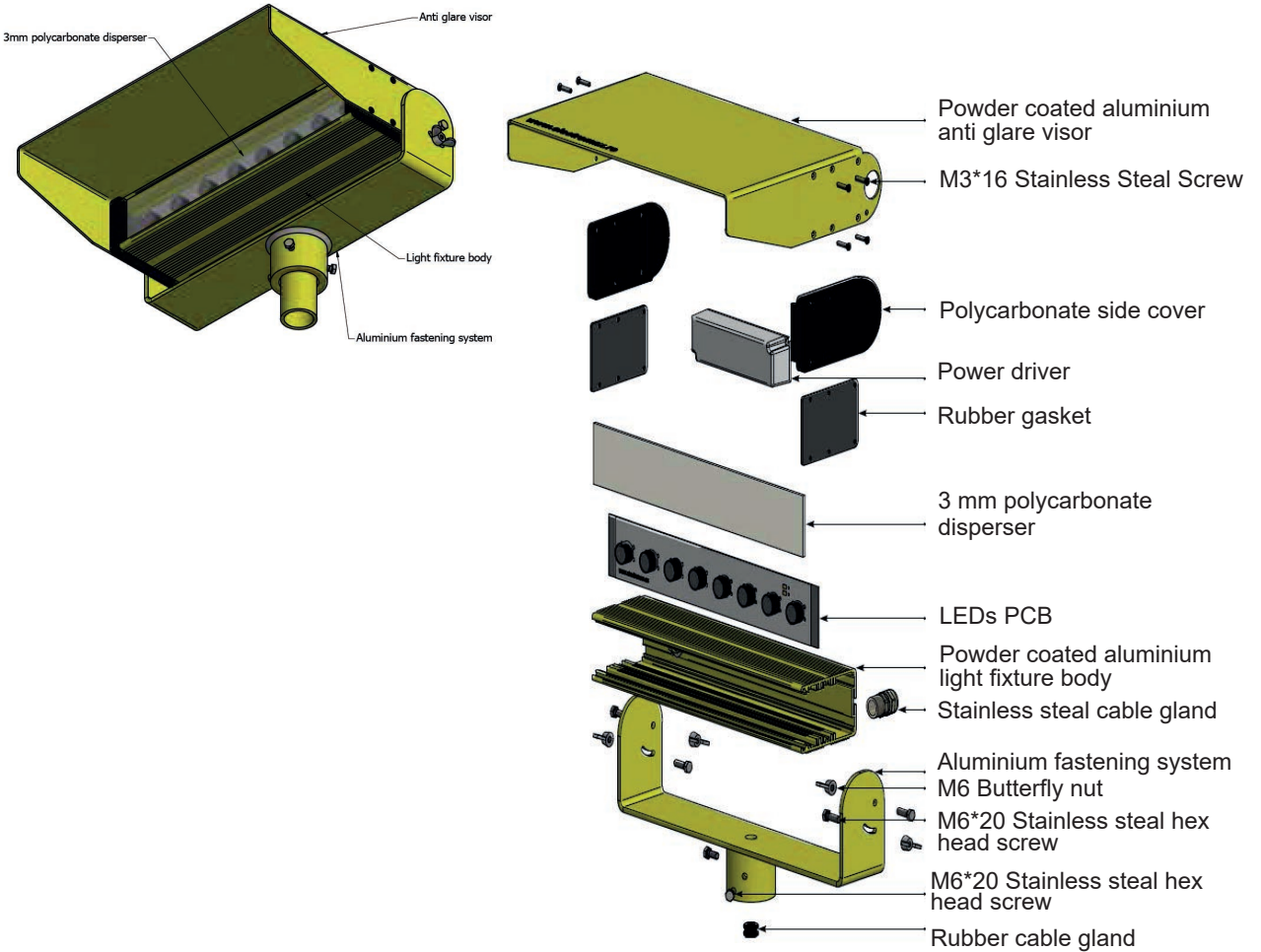


Code: AES-055-08-WH

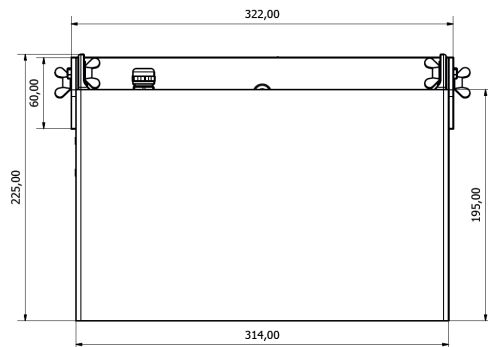
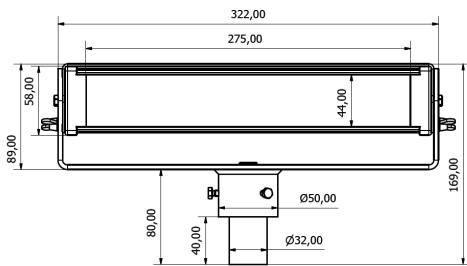
Code: AES-107-AX

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Structure



Weight and Dimensions



Dimensions 322 x 225 x 169mm

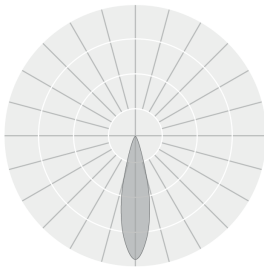
Weight 2.2 kg

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Photometric Characteristics

INTENSITY LEVEL	100%, 30%, 10% with controller
LIGHT COLOUR	Cool White

Luminous efficacy of white LEDs is - minimum 145 lm/W for cool white



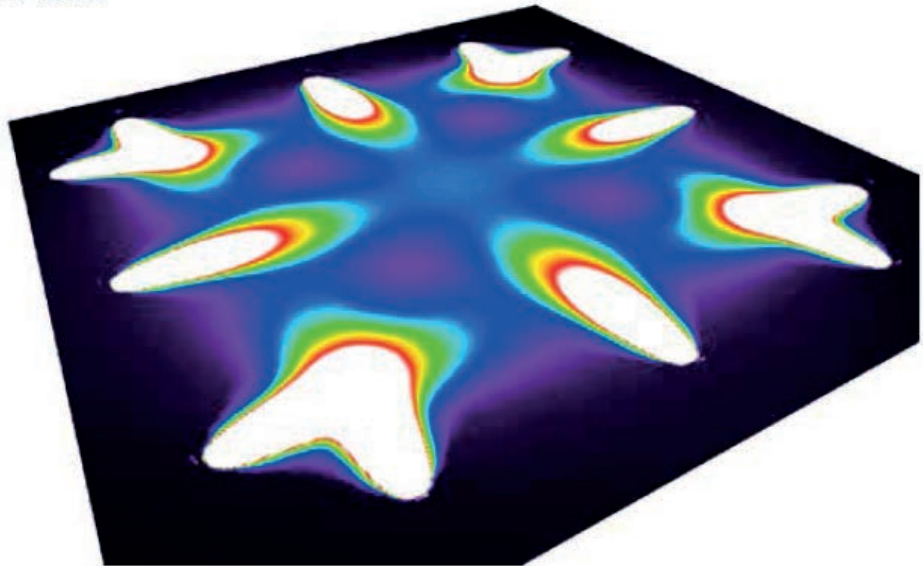
Fixture luminous flux	2320 lm
Fixture luminous efficacy	116 lm/W
Optical distribution	symmetrical
Optics viewing angle	23°

On demand other types of optics can be used

CAUTION: Before ordering we recommended a simulation of the photometric parameters.




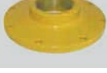



Example of floodlight installation - 20 x 20m helipad

DIALux



E_{av} [lx] 12
 E_{min} [lx] 1.85
 E_{max} [lx] 91
 $u0$ 0.15
 E_{min} / E_{max} 0.02

AES-055-08-WH | Floodlight 20W**Spare Parts**

Product Code	Description	Image
AES-100-AX	Ø32mm Coupling Tube	
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	