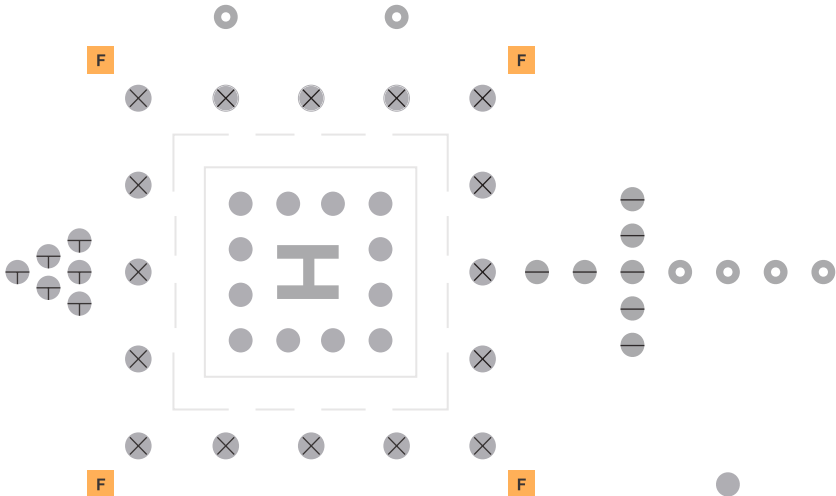














FLOODLIGHT 20W

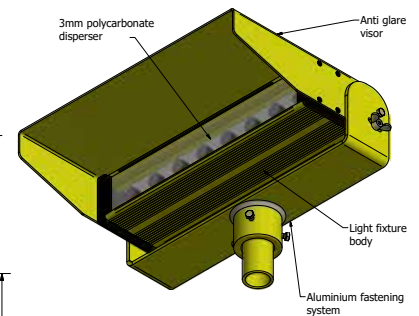
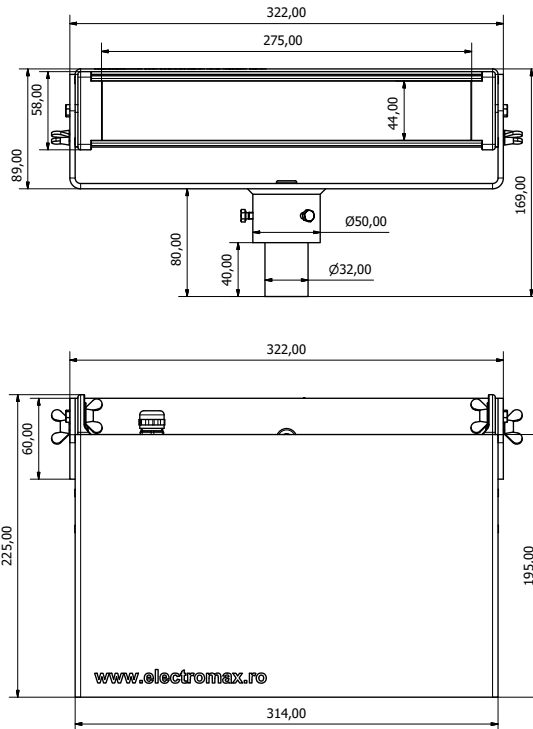


<p>Compliance to standards</p>	<p>ICAO: Annex 14, Volume I - Aerodrome Design and Operations Annex 14, Volume II - Heliports</p> <p>IEC TS 61827: Electrical installations for lighting and beaconing of aerodromes. Characteristics of inset and elevated luminaires used on aerodromes and heliports</p>
<p>Application</p>	<p>Floodlight lights</p>  <ul style="list-style-type: none">  Aiming Point Lights  FATO Lights  Floodlights  Approach Lights  Taxiway Lights  TLOF Lights  Approach  Beacon Light
<p>Features</p>	<p>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 fitting weight and eases handling in the field.</p>

Product Code	<p>AL - 055 - 08 - WH</p> <p>Series Indicator (Airfield Lighting) AL</p> <p>Product Indicator 055</p> <p>LEDs Number (8 LEDs) 08</p> <p>LEDs Light Colour (cool white) WH</p>
Description	<p>Housing - powder coated aluminium RAL 1004 (aviation yellow) </p> <p>Anti glare visor - powder-coated aluminium, RAL 1004 (aviation yellow)</p> <p>Fastening system - powder-coated aluminium, RAL 1004 (aviation yellow)</p> <p>Dispenser - 3mm clear polycarbonate</p> <p>Cable gland - nickel plated brass</p> <p>Fasteners - stainless steel</p> <p>Light fixtures are provided with anti condensation valve.</p>
Environment	<p>Temperature range: - 55° to +55°</p> <p>Degree of protection: IP 66</p> <p>Ka tested: Salt mist in accordance with IEC 60068-2-11 and IEC 60068-2-25</p>
Mounting	<div> <p>Surface mounted with Base Plate</p>  </div> <div> <p>Φ160mm ElectroMax Shallow Base</p>  </div> <div> <p>Φ8" IEC type Shallow Base with Adapter Ring</p>  </div>

Mechanical Characteristics

Dimensions 322 x 225 x 169 mm
Weight 2.2 kg



Electrical Characteristics

Power consumption 25W
Power supply 90-230V, 50/60Hz - non dimmable

1. Light Fixture pre cabled with 0,5m cable:
Code: AL-055-08-WH
2. Optional IP68 Electrical Junction Box
Code: AL-107-AX

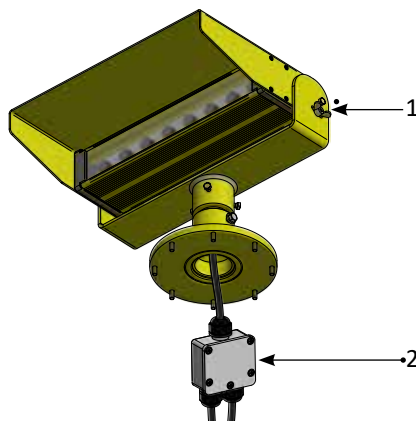
Power supply :

230V AC directly from mains power supply

Live (brown)

Neutral (blue)

Ground (green/yellow)



**Photometric
Characteristics**

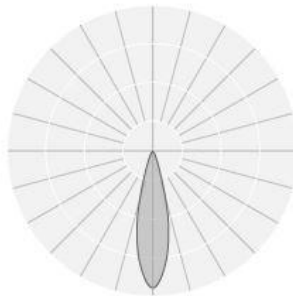
Intensity level:

100%, 30%, 10% from controller

Light colour:

Cool white

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



Fixture luminous flux:

2320lm

Fixture luminous efficacy:

116lm/W

Optical distribution:

symmetrical

Optics viewing angle:

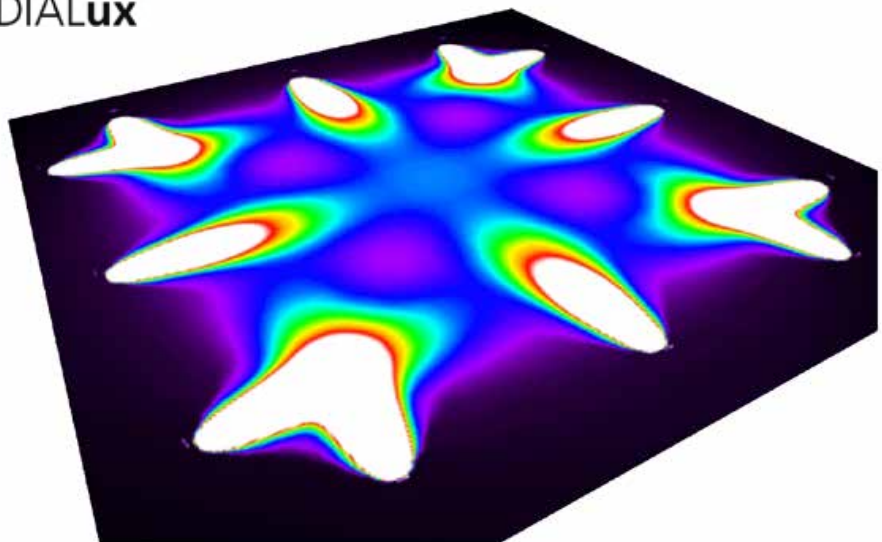
23°

On demand other types of optics can be used

CAUTION: Before ordering we recommend 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

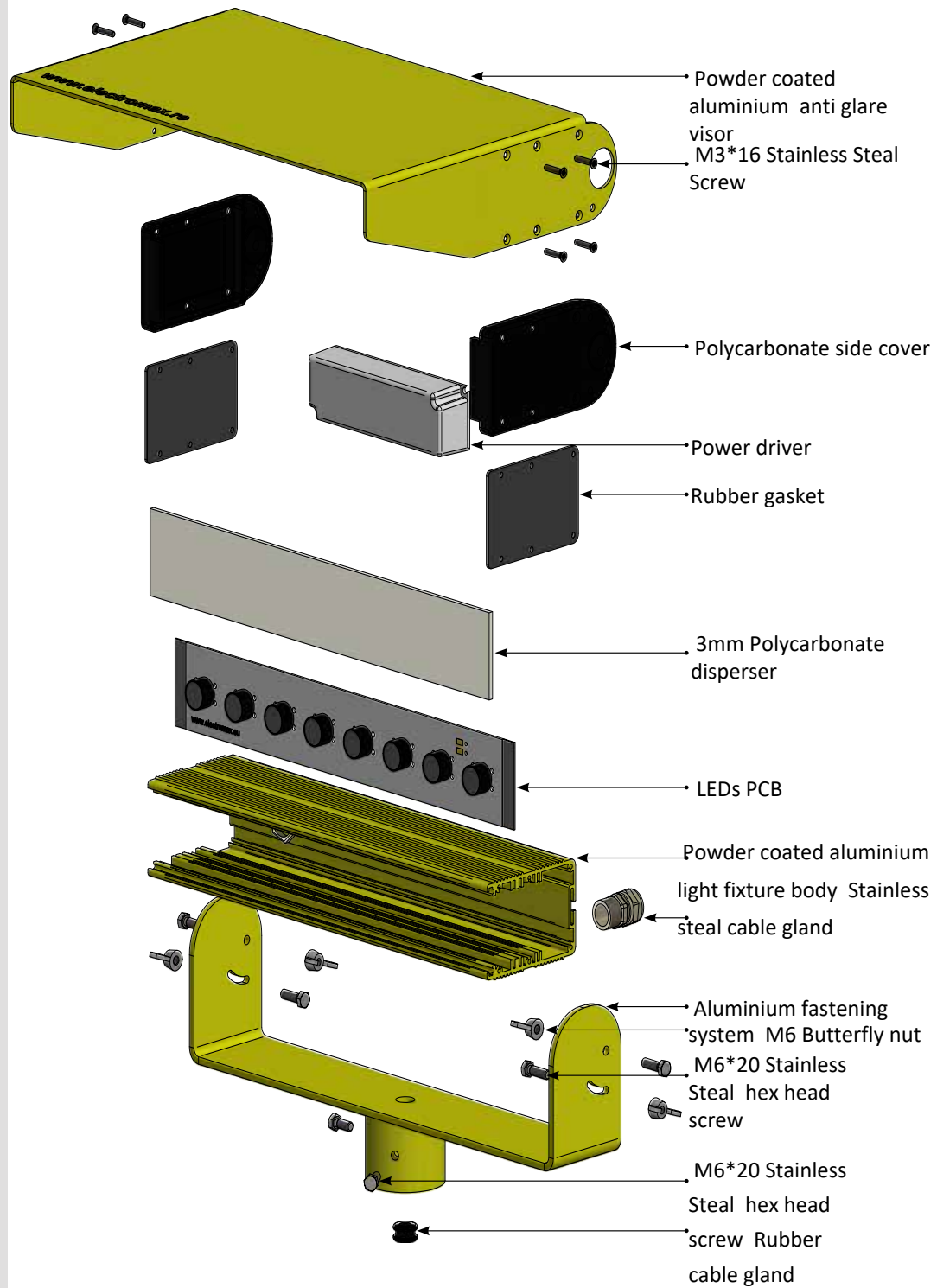
E_{min} / E_{max}
0.02

Accessory

To order accessories please call our customer support.
For contact details please refer to our website - www.signalight.com

#	NAME - SERIES	PRODUCT CODE	IMAGE
1	Φ32 mm Coupling Tube	AL-100-AX	
2	Frangible Coupling	AL-101-AX	
3	Φ260mm Base Plate	AL-102-AX	
4	Mounting Flange	AL-103-AX	
5	ElectroMax Standard Φ160mm Shallow Base	AL-104-AX	
6	Adapter Ring for 8" Shallow Base	AL-105-AX	
7	Φ160mm Surface Mounted Base	AL-106-AX	
8	IP68 Electrical Junction Box	AL-107-AX	
9	Φ160mm Shallow Base Installation Jig	AL-108-AX	

**Spare
Parts**





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