

## Mini LED Area Flood Light Ex eb mb op is / Ex ec mc tc

The brand new LED Area Flood Light range is a highly efficient luminaire that boast a class leading light output from 4,500 to 6,000 Lumens (Subject to variant).

Certified for use in Zone 1, 21, 2, 22 this is a modern and versatile range of luminaires. The high quality corrosion resistant aluminium body gives excellent durability in any Zone 1 & 2 hazardous environment. The LED light engine provides a long service life which is virtually maintenance free. All products in the range are offered with a light engine warranty of up to 5 years. The whole range offers industry leading performance in terms of lumen per watt efficacy.

- ✓ Low maintenance LED light source
- ✓ Industry leading performance in terms of lumen per watt efficacy
- ✓ High quality corrosion resistant aluminium alloy body
- ✓ Durable construction
- ✓ Long service life with light engine warranty of up to 5 years
- ✓ Virtually maintenance free
- ✓ Steel swivel mounting bracket
- ✓ A simple and robust design ensuring that the product is easy to install and use
- ✓ Supplied with tempered glass lens as standard with optional chemical and scratch resistant polycarbonate lens



### Specifications & Options

<b>Label Marking Z1</b>	II 2 G Ex eb mb op is IIC T6 Gb II 2 D Ex tb op is IIIC T85°C Db	<b>Certificate No.s Z1</b>	CML 17ATEX3027X IECEx CML 17.0018X
<b>Label Marking Z2</b>	II 3 G Ex ec mc IIC T6 Gc II 3 D Ex tc IIIC T85°C Dc	<b>Certificate No.s Z2</b>	CML 17ATEX3036X IECEx CML 17.0018X
<b>Zoned areas</b>	Zones 1, 21, 2, 22	<b>IP rating</b>	IP66 & IP67
<b>Ambient range (max)</b>	-40°C to +55°C		
<b>Material</b>	Corrosion resistant aluminium alloy with tempered glass lens. Scratch and chemical resistant hard coated polycarbonate lens available as an option (-25°C to + 55°C)		
<b>Cable entries</b>	2 x M20 or fixed flying lead		
<b>Electrical connections</b>	4mm <sup>2</sup> cage clamp for single or multi-stranded conductors		
<b>Light source</b>	High Efficiency, maintenance free, long life LED array		
<b>Light output Z1</b>	up to 5,000lm @45W		
<b>Light output Z2</b>	up to 6,000lm @45W		
<b>Supply voltage (s)</b>	120V- 240V AC 50/60 Hz as standard		
<b>Installation / Mounting</b>	Steel swivel mounting bracket		
<b>Control gear</b>	Integral within the luminaire		
<b>Dimensions</b>	200mm x 254mm x 257mm (As per diagram overleaf)		
<b>Wattage</b>	45W		
<b>Weight</b>	6kg		

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full LED Area  
Flood Light  
range

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### CIRCUIT BREAKER / INRUSH CURRENT GUIDE

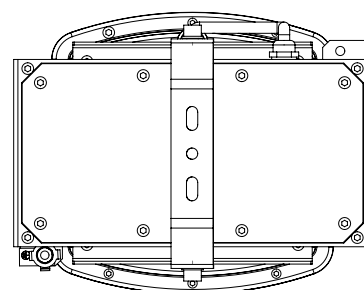
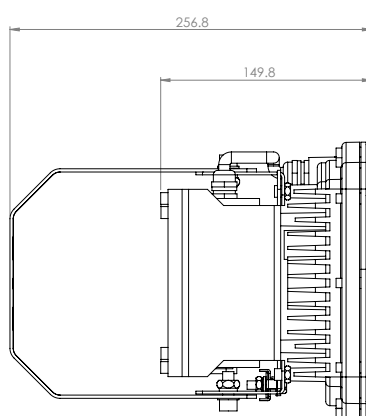
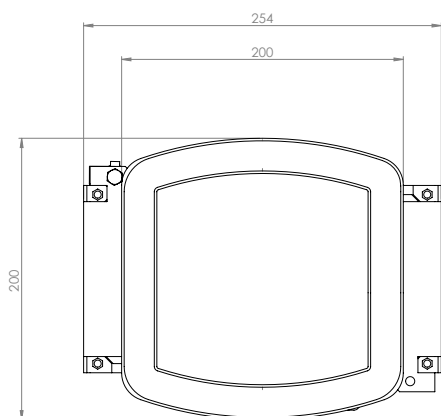
Model	No. of Luminaires per single pole Circuit Breaker				
	Type	10A	16A	20A	25A
HFLZ/**/4K/**	B	10	13	17	21
HFLZ/**/4K/**	C	17	23	28	33

Supply voltage @230 VAC, mains impedance =  $\Omega$   
In case of multi-pole CB the maximum number is reduced by 20%.

The maximum number may differ depending on CB manufacturer.

Please consult the manufacturer specifications.

Circuit Breakers with C characteristics are recommended for LED lighting circuits.



### ORDERING INFORMATION

Part Number	Description	Light Output	Power consumption
HFLZ15020204KGL	Zone 1 Floodlight 4750 Glass Lens	4,750lm	45W
HFLZ15020204KPL	Zone 1 Floodlight 4500 Polycarb Lens	4,500lm	45W
HFLZ15020204KGLPF	Zone 1 Floodlight 4750 Glass Lens Pre-Flexed	4,750lm	45W
HFLZ15020204KPLPF	Zone 1 Floodlight 4500 Polycarb Lens Pre-Flexed	4,500lm	45W
HFLZ25020204KGL	Zone 2 Floodlight 5750 Glass Lens	5,750lm	45W
HFLZ25020204KPL	Zone 2 Floodlight 5500 Polycarb Lens	5,500lm	45W
HFLZ25020204KGLPF	Zone 2 Floodlight 5750 Glass Lens Pre-Flexed	5,750lm	45W
HFLZ25020204KPLPF	Zone 2 Floodlight 5500 Polycarb Lens Pre-Flexed	5,500lm	45W

For safer hazardous areas call us today on  
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