

The brand new LED Area Flood Light range is a highly efficient luminaire that boast a class leading light output from 24,000 to 28,000 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

Label Marking Z1 @ 55°C	II 2 G Ex eb mb op is IIC T5 Gb II 2 D Ex tb op is IIIC T100°C Db
Label Marking Z1 @ 44°C	II 2 G Ex eb mb op is IIC T6 Gb II 2 D Ex tb op is IIIC T85°C Db
Label Marking Z2 @ 55°C	II 3 G Ex ec mc IIC T5 Gc II 3 D Ex tc IIIC T100°C Dc
Label Marking Z2 @ 44°C	II 3 G Ex ec mc IIC T6 Gc II 3 D Ex tc IIIC T85°C Dc
Zoned areas	Zones 1, 21, 2, 22

Ambient range (max)	-40° to +55°C (T5) -40° to +44°C (T6)
Certificate No.s Z1	CML 17ATEX3027X IECEx CML 17.0018X
Certificate No.s Z2	CML 17ATEX3036X IECEx CML 17.0018X
IP rating	IP66 & IP67

Material	Corrosion resistant aluminium alloy with tempered glass lens. Scratch and chemical resistant hard coated polycarbonate lens available as an option
Cable entries	2x M20
Electrical connections	4mm ² cage clamp for single or multi-stranded conductors
Light source	High Efficiency, maintenance free, long life LED array
Light output Z1	Various ranging from 22,500 up to 24,000lm @216W
Light output Z2	Various ranging from 26,600 up to 28,000lm @216W
Supply voltage (s)	120V- 240V AC 50/60 Hz as standard
Installation / Mounting	Steel swivel mounting bracket
Control gear	Integral within the luminaire
Dimensions	400mm x 400mm x 233mm (As per diagram overleaf)
Wattage	216W (Lower wattages available)
Weight	11kg

Ask
about our
full LED Area
Flood Light
range

CIRCUIT BREAKER / INRUSH CURRENT GUIDE

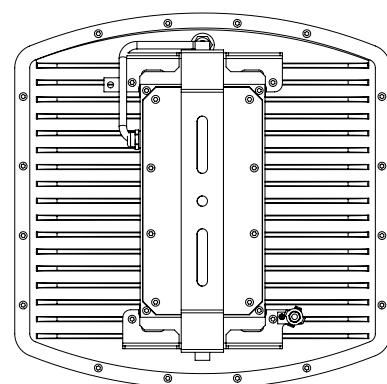
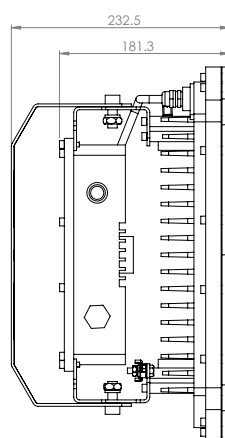
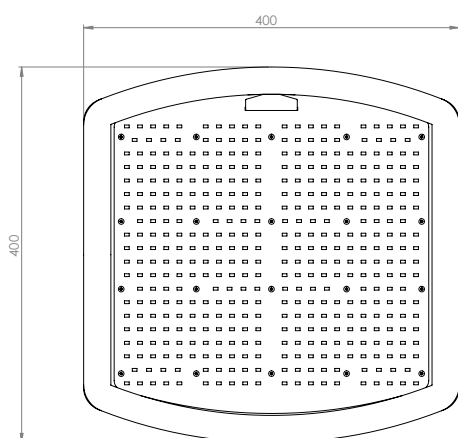
Model	No. of Luminaires per single pole Circuit Breaker				
	Type	10A	16A	20A	25A
HFLZ/**/4K/**	B	10	13	16	20
HFLZ/**/4K/**	C	14	18	22	26

Supply voltage @230 VAC, mains impedance = Ω
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
HFLZ1240404KGL	Zone 1 Floodlight 24000 Glass Lens	24,000lm	216W
HFLZ1240404KPL	Zone 1 Floodlight 22500 Polycarb Lens	22,500lm	216W
HFLZ2240404KGL	Zone 2 Floodlight 28000 Glass Lens	28,000lm	216W
HFLZ2240404KPL	Zone 2 Floodlight 26600 Polycarb Lens	26,600lm	216W

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0161 274 0165

sales@hilclare.com | www.hilclare.com

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LIGHTING MANUFACTURER
— LED BY DESIGN —