

## 9 Series Ex eb mb op is LED Luminaire

# HILCLARE

LIGHTING MANUFACTURER

— LED BY DESIGN —

Zones: **1** **2** **22**

Cat: **2**

High efficiency LED luminaire suitable for zone 1 hazardous area applications in both standard and emergency formats and a range of sizes from 2-5ft with light output up to 5,265 Lumens.

Manufactured from heavy duty aluminium extrusion with polycarbonate end caps and diffuser. The three hour duration emergency models are fitted with integral batteries and charger units. Access to gear tray is via a single point locking mechanism and mounting is enabled using “quick fit” T bolts in a channel for maximum flexibility. The modern styling of this extremely rigid and robust luminaire allows unobtrusive use for both internal and external applications.



- ✓ Low maintenance high efficiency LED light source
- ✓ Standard and emergency variants
- ✓ Class leading light output
- ✓ Variable mounting centres
- ✓ 2' 4' and 5' versions
- ✓ Captive diffuser with isolation switch for safe installation and maintenance
- ✓ Anodised corrosion resistant aluminium body with high impact polycarbonate diffuser

### Specifications & Options



<b>Label Marking</b>	Ex eb mb op is IIC Gb T4 Ex tc op is T86°C IIIB Dc	<b>Certificate No.s</b>	CML 16ATEX3397X CML 17ATEX3049X IECEx CML 16.0149X
<b>Zoned areas</b>	Zones 1, 2 & 22	<b>IP rating</b>	IP65 to EN60529
<b>Ambient range ( max )</b>	-20°C to +55°C		
<b>Material</b>	Anodised corrosion resistant aluminium body with high impact polycarbonate diffuser. UV resistant.		
<b>Cable entries</b>	4 x M20 iso (3 plugged) as standard		
<b>Electrical connections</b>	3 wire and earth cable size 4mm <sup>2</sup> max. Through wiring versions available		
<b>Light source</b>	High efficiency LED		
<b>Light output</b>	Various ranging from 2,106lm-5,265lm		
<b>Supply voltage (s)</b>	110-240V , 50/60Hz		
<b>Installation / Mounting</b>	2 x M8 quick fit bolts (supplied) for variable mounting centres.		
<b>Control gear</b>	Electronic Driver		
<b>Dimensions</b>	Size 2 760mm x 193mm, size 4 1365mm x 193mm, size 5 1665mm x 193mm		
<b>Weight</b>	Size 2 7kg, size 4 11.2kg, size5 13kg		

We offer  
a lighting  
design  
service

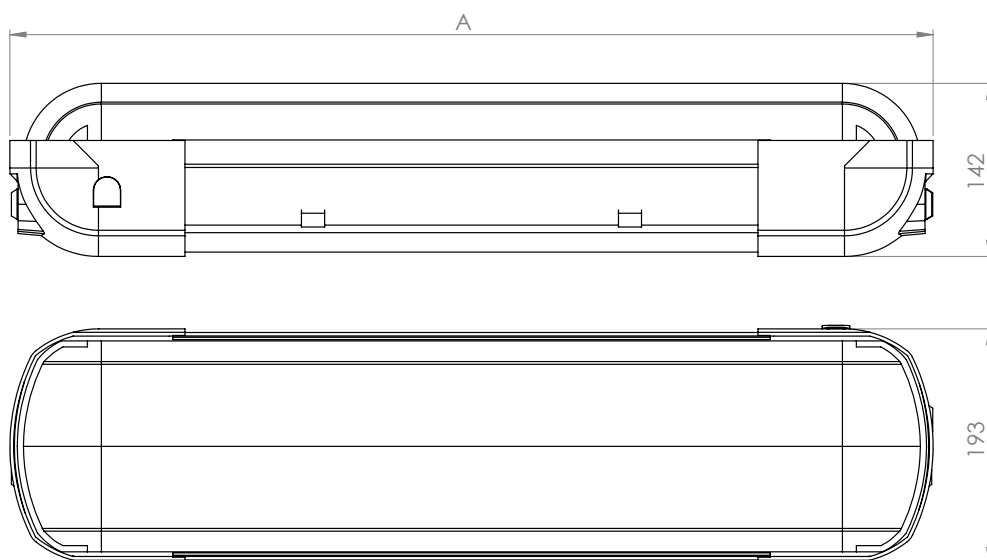
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Spares  
and  
accessories  
available  
Refer to main  
catalogue

## CIRCUIT BREAKER / INRUSH CURRENT

Model	typ.lpeak	No. of Luminaires per single pole Circuit Breaker				
		Type	10A	16A	20A	25A
S921604K	16.2A/184 μ	B	17	27	34	43
		C	28	45	57	71
S942124K	32.4A/184 μ	B	8	13	17	21
		C	14	22	28	35
S952154K	32.4A/184 μ	B	8	13	17	21
		C	14	22	28	35

Supply voltage @230 VAC, mains impedance = 1ff  
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.



Size	Length A/mm	Fixing centres from 100mm up to
2	760	450
4	1365	1055
5	1665	1355

## ORDERING INFORMATION

Part Number	Description	Light Source	Nominal Light Output	Nominal Power Consumption	Size
S921604K	2100 Linear Luminaire	LED	2,106lm	30w	760mm
S942124K	4200 Linear Luminaire	LED	4,212lm	60w	1365mm
S952154K	5200 Linear Luminaire	LED	5,265lm	75w	1665mm
S921604K	2100 Emergency Luminaire	LED	2,106lm	30w	760mm
S942124KEM	4200 Emergency Luminaire	LED	4,212lm	60w	1365mm
S952154KEM	5200 Emergency Luminaire	LED	5,265lm	75w	1665mm

For safer hazardous areas call us today on  
**0161 274 0165**

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