

660L LED Ex d e Luminaire

Zones: **1** **2** **21** **22** Cat: **2**



Heavy duty versatile Bulkhead for hazardous areas.

LED Bulkhead with up to 3,500lm output suitable for zone 1 gas and zone 21 dust environments, this luminaire features an integral terminal chamber, external earthing and fixed or pivoting mounting brackets.

- ✓ Group IIC – suitable for all gas environments
- ✓ Marine grade aluminium construction
- ✓ Low installation costs with integral 'e' terminal chamber (inexpensive glanding, loop in loop out cabling)
- ✓ 120VAC/DC, 230VAC/DC, 24VAC/DC
- ✓ -20°C to +100°C Versions are available. See product selection chart
- ✓ Certified with integral LED module

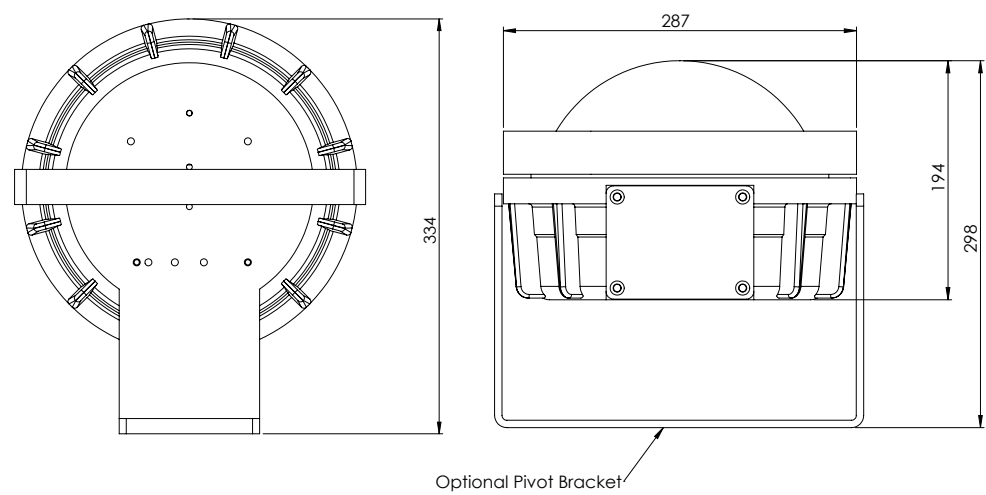


Specifications & Options



Label Marking High Temperature	Ex II 2GD Ex d e IIC T3 Gb Ex tb IIIC T200°C Db -20°C to 100°C Ex II 2GD Ex d e IIC T4 Gb Ex tb IIIC T135°C Db -20°C to 95°C	Certificate Standards	CE, ATEX, IECEx IEC/EN60079 -0, -1, -7, -31
		Certificate No.s	SIRA 00ATEX1047 IECEx SIR09.0028
Label Marking Standard Temperature	Ex II 2GD Ex d e IIC T5 Gb Ex tb IIIC T100°C Db -20°C to +60°C Ex II 2GD Ex d e IIC T6 Gb Ex tb IIIC T85°C Db -20°C to +45°C	IP rating	IP66
		Ambient range	Standard: -20°C to + 60°C (45°C) High: -20°C to +100°C (95°C)
Zoned areas	Zones 1, & 21		
Material	Marine grade aluminium body with borosilicate glass dome		
Cable entries	2 x M20 ISO (1 plugged) as standard. Other threads available		
Electrical connections	4 (4mm ²) wire and earth with looping facility		
Light source	LED 4000K		
Light output	3100 Luminaire Lumens @ nominal voltage (230VAC)		
Supply voltage (s)	120VAC/VDC = 108 - 132VAC/DC 230VAC/VDC = 207 - 253VAC/DC 24VAC/VDC = 22 - 26VAC/DC		
Power	42W - 69W depending on variant		
Installation / Mounting	Back mounted fixing bracket (supplied)		
Control gear	Integral on LED module		
Dimensions	334mm x 287mm x 194mm		
Weight	12.5kg		

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inrush	0.3A max
THD	10%
THC	0.03A
PF	>0.99

It is recommended to limit the operational time to 20 minutes maximum when operating the luminaire in constant ambient temperatures above 70°C in order to prolong the life of the LEDs. Replacement LED modules are available as spares.

ORDERING INFORMATION

660L Standard Temperature Luminaire	Part Number	Voltage	Description	Light Source	Power Consumption
	660L/24	24VAC	24V Standard	LED ~1800lm	42W
	660L/24	24VDC	24V Standard	LED ~3200lm	60W
	660L/120	120VAC	120V Standard	LED ~3100lm	60W
	660L/120	120VDC	120V Standard	LED ~2300lm	48W
	660L/230	230VAC	230V Standard	LED ~3100lm	60W
	660L/230	230VDC	230V Standard	LED ~3500lm	69W
660L High Temperature Luminaire	Part Number	Voltage	Description	Light Source	Power Consumption
	660L/24/HT	24VAC	24V Hi Temp LED	LED ~1800lm	42W
	660L/24/HT	24VDC	24V Hi Temp LED	LED ~3200lm	60W
	660L/120/HT	120VAC	120V Hi Temp LED	LED ~3100lm	60W
	660L/120/HT	120VDC	120V Hi Temp LED	LED ~2300lm	48W
	660L/230/HT	230VAC	230V Hi Temp LED	LED ~3100lm	60W
	660L/230/HT	230VDC	230V Hi Temp LED	LED ~3500lm	69W
Accessories	Part Number	Description		Part Number	Description
	660L PIVOT BRACKET KIT	Pivot bracket and mounting hardware		660L/XXX/LEDKIT	6 Series Standard tempertaure replacement LED module kit
	660L WHITE GUARD KIT	White powder coated guard and stainless steel mounting hardware		660L/XXX/HT/LEDKIT	6 Series High Temperature replacement LED Module Kit
	660L GALV GUARD KIT	Galvanised wire guard and stainless steel mounting hardware		XXX represents the required voltage. 24 for 24VAC or 24VDC 120 for 120VAC or 120VDC 230 for 230VAC or 230VDC	

For safer hazardous areas call us today on
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Hazardous Area Lighting Solutions