



LED Lighting for Hazardous Areas

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Engineered for Explosive and Hazardous Environments



VLP Linear Luminaire

Ex ec IIC Gc T5, Ex tb IIIC T100°C Db IP65



VLP Linear Luminaire

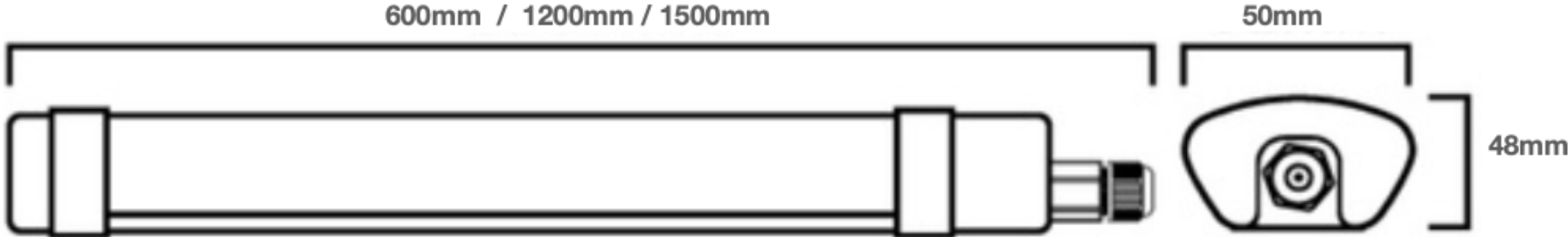


Model	Power	Length	Luminous Efficacy	Luminous Flux	IP Rating	Ex Marking
ZLVP18-2	18W	600mm	120lm/w*	2160lm	IP65	Ex ec IIC T5 Gc, Ex tb IIIC T100° Db IP65
ZLVP36-4	36W	1200mm		4320lm		
ZLVP46-5	46W	1500mm		5520lm		
Electrical Data			Photometric Data			
Operating Voltage	100 - 277V		Luminous Flux		120lm/w	
Frequency	50Hz		Colour Rendering Index		<80	
Power Factor	0.97		Colour T°K		3000K / 4000K / 5000K	
Efficiency	92%		SDCM		3	
Start-up Time	0.1S		Light Distribution Angle		120°	
THD	15%		Unified Glare Rating		22	
Standards			Temperature & Operating Conditions			
Compliance	SANS (IEC) 60079-0:2019 SANS (IEC) 60079-7:2019 SANS (IEC) 60079-31:2014		Operating Temperature		20 ~ + 70°C	
			Ambient Temperature		-30 ~ +40°C	
			LED Life Span		50 000hrs (L80 B10)	
IP Rating	IP65		Warranty		5 Years	



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VLP Linear Luminaire



Size & Dimensions		Photometric Data	
ZLVP18-2	600x50x48mm	Weight	1.0 Kg
ZLVP36-4	1200x50x48mm	Weight	1.3Kg
ZLVP46-5	1500x50x48mm	Weight	1.6kg
Conditions of Safe use			
*Isolate elsewhere before opening cover *Do not open when energised or an explosive atmosphere is present. *Static hazards may exist, wipe only with a damp cloth			





ZLT LED FLOOD LIGHT

ZONE 2 / 21 / 22

Ex ec IIC Gc T4, Ex tb IIIC T135°C Db IP65



IP65



50000

140lm



ZONE 2 / 21 / 22

Ex ec IIC Gc T4, Ex tb IIIC T135°C Db IP65

ZLT LED FLOOD LIGHT



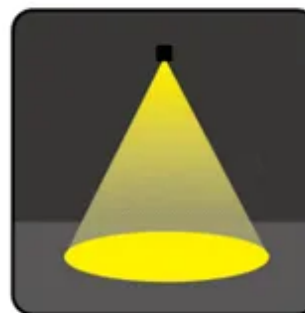
Model	Power	Luminous Efficacy	Luminous Flux	IP Rating	Ex Marking
ZLT 75	75W	140lm/w*	10500lm*	IP65	Ex ec IIC T4 Gc, Ex tb IIIC T135°C Db IP65
ZLT100	100W		14000lm*		
ZLT150	150W		21000lm*		
ZLT200	200W		28000lm*		
Electrical Data			Photometric Data		
Operating Voltage	100 - 277V		Luminous Flux	140lm/w	
Frequency	50Hz		Colour Rendering Index	<80	
Power Factor	0.97		Colour T°K	3000K / 4000K / 5000K/ 6500K	
Efficiency	93%		SDCM	3	
Start-up Time	0.1S		Light Distribution Angle	30° 60°90°120°	
THD	18%		Unified Glare Rating	22	



Narrow beam



Medium beam



Wide beam

ZLT LED FLOOD LIGHT

Standards		Temperature & Operating Conditions	
Compliance	SANS (IEC) 60079-0:2019 SANS (IEC) 60079-7:2019 SANS (IEC) 60079-31:2014	Operating Temperature	20 ~ + 70°C
		Ambient Temperature	-40 ~ +45°C
		LED Life Span	50 000hrs (L80 B10)
IP Rating	IP65	Warranty	5 Years
Size & Dimensions		Weight	
ZLT75	190x300x80mm	5.1Kg	
ZLT100	190x300x80mm	5.1Kg	
ZLT150	280x300x80mm	7.1kg	
ZLT200	370x300x80mm	8.5Kg	
Conditions of Safe use			
*Isolate elsewhere before opening cover *Do not open when energised or an explosive atmosphere is present. *Static hazards may exist, wipe only with a damp cloth			