LED ONLINE · TECHNICAL DATASHEET

ZLT Hazardous-Area LED Floodlights

75W · 100W · 150W · 200W · Price on request



Representative range image supplied by the customer. Module count and dimensions vary by model; confirm the exact supplied configuration.

> The supplied ZLT datasheet declares Zones 2, 21 and 22. No certificate was supplied with it. Obtain the applicable certificate and qualified hazardous-area site approval for the exact model, markings, temperature limits and configuration before ordering. Not represented as suitable for Zone 0 or Zone 1.

Range overview

Model	Power	Flux	Dimensions	Weight
ZLT75	75W	10,500 lm	190 × 300 × 80mm	5.1kg
ZLT100	100W	14,000 lm	190 × 300 × 80mm	5.1kg
ZLT150	150W	21,000 lm	280 × 300 × 80mm	7.1kg
ZLT200	200W	28,000 lm	370 × 300 × 80mm	8.5kg

Conditions of safe use

- Isolate elsewhere before opening the cover.
- Do not open when energised or when an explosive atmosphere is present.
- Static hazards may exist; wipe only with a damp cloth.

Beam options: narrow, medium and wide; declared angles 30°, 60°, 90° and 120°. Confirm the selected optic and colour temperature.

LED ONLINE · ZLT RANGE

ZLT 75W Hazardous-Area LED Floodlight

Model	ZLT75
Power	75W
Dimensions (as listed)	190 × 300 × 80mm
Weight	5.1kg (not verified packed shipping weight)
Luminous flux	10,500 lm (datasheet-declared)
Luminous efficacy	140 lm/W (datasheet-declared)
Ingress protection	IP65
Declared zones	2 / 21 / 22
Gas marking	Ex ec IIC T4 Gc
Dust marking	Ex tb IIIC T135°C Db IP65
Operating voltage	100–277V
Frequency	50Hz
Power factor	0.97
Electrical efficiency	93%
Start-up time	0.1s
THD	18%
Colour rendering index	<80 as printed; confirm before specification
Colour temperature options	3000K / 4000K / 5000K / 6500K; confirm selection
SDCM	3
Light distribution angle options	30° / 60° / 90° / 120°; confirm selection
Unified glare rating	22
Listed standards	SANS (IEC) 60079-0:2019; SANS (IEC) 60079-7:2019; SANS (IEC) 60079-31:2014
Operating temperature	20 ~ +70°C as printed; confirm meaning and permitted limits
Ambient temperature	−40 ~ +45°C
LED life span	50,000 hours (L80 B10)
Warranty	5 years; confirm applicable terms

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Technical information transcribed from the supplied EX LED Flood Light specification sheet. The printed operating-temperature value and CRI are retained without correction by assumption. Light-output figures are datasheet claims, not independent test results.

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ZLT 100W Hazardous-Area LED Floodlight

Model	ZLT100
Power	100W
Dimensions (as listed)	190 × 300 × 80mm
Weight	5.1kg (not verified packed shipping weight)
Luminous flux	14,000 lm (datasheet-declared)
Luminous efficacy	140 lm/W (datasheet-declared)
Ingress protection	IP65
Declared zones	2 / 21 / 22
Gas marking	Ex ec IIC T4 Gc
Dust marking	Ex tb IIIC T135°C Db IP65
Operating voltage	100–277V
Frequency	50Hz
Power factor	0.97
Electrical efficiency	93%
Start-up time	0.1s
THD	18%
Colour rendering index	<80 as printed; confirm before specification
Colour temperature options	3000K / 4000K / 5000K / 6500K; confirm selection
SDCM	3
Light distribution angle options	30° / 60° / 90° / 120°; confirm selection
Unified glare rating	22
Listed standards	SANS (IEC) 60079-0:2019; SANS (IEC) 60079-7:2019; SANS (IEC) 60079-31:2014
Operating temperature	20 ~ +70°C as printed; confirm meaning and permitted limits
Ambient temperature	−40 ~ +45°C
LED life span	50,000 hours (L80 B10)
Warranty	5 years; confirm applicable terms

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ZLT 150W Hazardous-Area LED Floodlight

Model	ZLT150
Power	150W
Dimensions (as listed)	280 × 300 × 80mm
Weight	7.1kg (not verified packed shipping weight)
Luminous flux	21,000 lm (datasheet-declared)
Luminous efficacy	140 lm/W (datasheet-declared)
Ingress protection	IP65
Declared zones	2 / 21 / 22
Gas marking	Ex ec IIC T4 Gc
Dust marking	Ex tb IIIC T135°C Db IP65
Operating voltage	100–277V
Frequency	50Hz
Power factor	0.97
Electrical efficiency	93%
Start-up time	0.1s
THD	18%
Colour rendering index	<80 as printed; confirm before specification
Colour temperature options	3000K / 4000K / 5000K / 6500K; confirm selection
SDCM	3
Light distribution angle options	30° / 60° / 90° / 120°; confirm selection
Unified glare rating	22
Listed standards	SANS (IEC) 60079-0:2019; SANS (IEC) 60079-7:2019; SANS (IEC) 60079-31:2014
Operating temperature	20 ~ +70°C as printed; confirm meaning and permitted limits
Ambient temperature	−40 ~ +45°C
LED life span	50,000 hours (L80 B10)
Warranty	5 years; confirm applicable terms

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ZLT 200W Hazardous-Area LED Floodlight

Model	ZLT200
Power	200W
Dimensions (as listed)	370 × 300 × 80mm
Weight	8.5kg (not verified packed shipping weight)
Luminous flux	28,000 lm (datasheet-declared)
Luminous efficacy	140 lm/W (datasheet-declared)
Ingress protection	IP65
Declared zones	2 / 21 / 22
Gas marking	Ex ec IIC T4 Gc
Dust marking	Ex tb IIIC T135°C Db IP65
Operating voltage	100–277V
Frequency	50Hz
Power factor	0.97
Electrical efficiency	93%
Start-up time	0.1s
THD	18%
Colour rendering index	<80 as printed; confirm before specification
Colour temperature options	3000K / 4000K / 5000K / 6500K; confirm selection
SDCM	3
Light distribution angle options	30° / 60° / 90° / 120°; confirm selection
Unified glare rating	22
Listed standards	SANS (IEC) 60079-0:2019; SANS (IEC) 60079-7:2019; SANS (IEC) 60079-31:2014
Operating temperature	20 ~ +70°C as printed; confirm meaning and permitted limits
Ambient temperature	−40 ~ +45°C
LED life span	50,000 hours (L80 B10)
Warranty	5 years; confirm applicable terms

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Product pages & quotations

Visit the matching product page for current information and pricing. Instant quotes are available where listed. Other products and accessories require a quote request.

ZLT 75W Hazardous-Area LED Floodlight	View product page	Request a quote
ZLT 100W Hazardous-Area LED Floodlight	View product page	Request a quote
ZLT 150W Hazardous-Area LED Floodlight	View product page	Request a quote
ZLT 200W Hazardous-Area LED Floodlight	View product page	Request a quote

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