



9,900+  
LUMENS

86+  
Lm/W

70,000  
HOUR L<sub>70</sub>

DIMMABLE

5 YEAR  
WARRANTY

REPLACES  
400W HID

IP66



## VARIANCE LED

The powerful Chalmer Variance LED flood has a build quality second to none and a light output to match. The powerful fixture is capable of producing 9,900+ lumens and its unique electronics ensure a flicker-free light that stays on night after night. Manufactured in the UK from the latest and highest quality components, the Variance LED is weather sealed to IP66 and features a 5 year unlimited-usage warranty.

Variance LED can also be customised to suit your project requirements. It has three beam angles and four white colour temperatures to choose from, as well as any RAL colour paint finish.

The Variance LED is 'CE' marked, 'F' marked and compliant with the RoHS directive.

The fixture is also eligible for the UK Government's Enhanced Capital Allowance (ECA) scheme. This enables businesses to write off the entire cost of purchasing the Variance LED against their taxable profits in the same year. This reduces the cash "out of pocket" cost to businesses by up to 23%.

## APPLICATIONS

- Display lighting
- Exterior/interior area lighting
- Exterior/interior floodlighting
- Entertainment Lighting



## TECHNICAL SPECIFICATION VARIANCE LED

### Light Source

LEDs	3 x CREE High Power White LEDs
Light Output & Temperatures	5000K Cool White*: 9,900+ lm * Standard temperature. A wide variety of other LED colour temperatures are available on request. Please contact Chalmor for details.
L <sub>70</sub> <sup>†</sup>	70,000 hours
CRI	80
Beam Angles	30°, 40°, or 60° integrated reflectors
Brightness	No warm-up or re-strike time. An adjustable dimmer is located internally. Pre-set at 100%, it can be factory or user adjusted to your own requirements of any level down to 10%.
Flicker Free	Continuous current ensures smooth dimming and a flicker-free light. We do not use Pulse Width Modulation (PWM) which strobos the LEDs at high frequency producing an unsafe or agitating light.

### Electrical

Power Supply	100-277 VAC, 130W max, 50-60Hz, self adjusting PSU
Power Factor	0.94
Power Cable	1.2m (3.9') captive

### Physical

Finish	Black, Silver, or White High quality AkzoNobel Interpon architectural powder coating (special RAL colours and screen-printed branding available on request).
Mounting	The fixture can be mounted using the pre-drilled holes. Once mounted the fixture can be pan and tilt adjusted to a selected angle.
Dimensions	255 (W) x 380 (H) x 225mm (D) (10.0 x 15.0 x 8.9")
Weight	7.5 kg (16.5 lbs)
Pack Dimensions	395 x 360 x 360mm (15.6 x 14.2 x 14.2")
Pack Weight	8.6 kg (19 lbs)

### Quality and Reliability

Quality	This unit is manufactured in the UK using only the highest quality components.
Reliability	The units are water tested to IP66 and every unit is load tested thoroughly before leaving the factory.

### Operating Conditions and Precautions

Safety	The fixture has a toughened glass front and automatic thermal management to protect from overheating. The fixture is also 'F' marked for mounting on normally combustible surfaces.
Temperature	-20°C to +50°C
Environment	Wet conditions up to IP66
Compliance	The Variance LED is CE marked and compliant with the RoHS directive.

### Product Options

Product Code LED/VAR/130 - **T - F B**

**T** = Temperature **CW** 5000K Cool White

**F** = Body Finish **B** Black; **S** Silver; **W** White

**B** = Beam Angle **30** 30°; **40** 40°; **60** 60°

\* LEDs do not fail in the same way as conventional light fittings. Light output gradually diminishes in an LED source unlike other luminaires where failure would occur before significant depreciation. L<sub>70</sub> is the point at which light output has fallen to 70% of its original value, an industry standard measurement and rule of thumb for LED luminaire replacement.

### Guarantee

5 years from the date of original purchase. The guarantee is limited to parts and labour. The Guarantee is void if the unit is misused, the cable connections are not in a dry environment, or unauthorised persons perform repairs. In the unlikely event of a fault occurring, do not use without repair. Return the unit to your supplier with a description of the fault, or direct to Chalmor for immediate attention.

### Disclaimer

Due to continual research and product development this specification is subject to change without notice.

