

# VETSITE® GEN3 LED HIGHBAY

*The most energy efficient and durable fixture available on the agricultural market.*

**Opti-Cow® the specialist in barn lighting, introduces the most energy-efficient and durable fixture on the agricultural market: the Vetsite® GEN3 LED High Bay. With only 88 watts, this third-generation LED fixture is over 50% more energy-efficient than any other LED fixture on the market. The fixture is specifically suited for the dairy farms but also for other types of stables and riding schools. The fixture is developed for the most extreme conditions; this means that it is able to withstand moisture, ammonia- and dust accumulation. This is supported by a 10-year full factory warranty and an expected lifetime of 100,000 hours.**



## Saving

The Vetste®GEN3 provides energy savings of approximately 50% compared to other LED fixtures and 80% compared to conventional lighting. The smart dimming in combination with the fully adjustable controller via the Light Computer, it is possible to save energy up to 90%.

## Light Colour

The ideal white light for both human and animals has a positive effect on the behaviour and milk production of cows. It also gives you the best light to work with. It provides a better insight into oestrus and metritis and is also an essential factor for the biorhythm of your dairy cattle.

## Lightpollution

The Vetste®GEN3 gives little light scattering. Because of the perfect light distribution light shines where it should while it remains dark outside of the barn. The fixture perfectly meets the standards and conditions as stated in the Dutch Agreement of light pollution of the dairy farming industry.

## Night Lights

The Vetste®GEN3 can also be used as night light.

## Financial incentives and subsidies

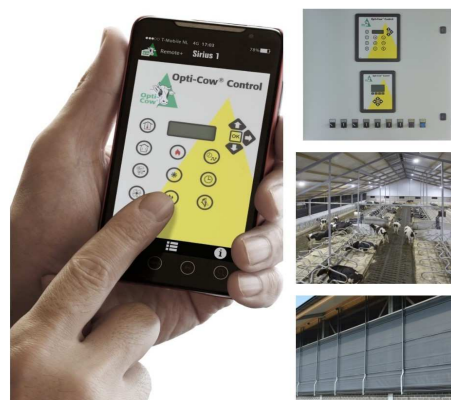
In some countries, there are different kinds of subsidies and financial incentives for the Vetsite Gen3. In some of these countries, there is a net gain of over 50%

## Lifetime

The Vetste®GEN3 LED High Bay is a European product. The fixture is developed for the most extreme conditions; this means that the fixture is able to withstand moisture, ammonia- and dust accumulation. All this is supported by a 10-year full warranty and an expected lifetime of 100,000 hours.

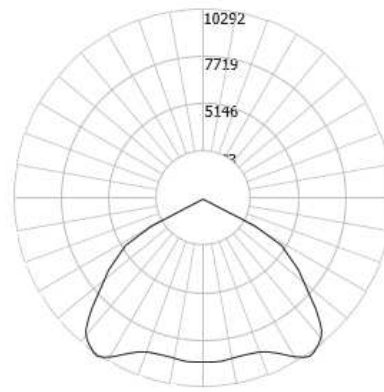
## One Control box for Light and Air

To control the Vetsite®GEN3 there are several options available, from simple to elaborate. A manual on / off system with manual dimming, or via the Opti-Cow® climate computer. This climate computer is an integrated system that manages and controls multiple barn applications from one place. Imagine a: one control-box where you control lights, curtains and barn circulation fans. In fact, the Opti-Cow® Control box does it for you. Exactly the way you want. We call it the art of pairing. Operate all applications from one control-box. A Unique and one-of-a-kind solution.





Patent pending



Optical Pattern

## VETSITE® GEN3 LED High Bay - CE

### CERTIFICATIONS & RATINGS

- CE
- EN 55015:2013
- EN 61547:2009
- EN 60598:2008
- IEC60068 salt spray testing - severity 1
- IK10 to EN50102 (Polycarbonate lens)
- LM-79-08
- IP66 to EN60529

### FEATURES & BENEFITS

- 10 year full performance warranty
- L70 rated for >100,000 hours @ 25°C ambient
- 125 lm/W
- Significantly reduced glare
- Instant on/off
- Maintenance free
- Mercury free
- No UV or IR
- Resistant to shock and vibration

### SPECIFICATIONS

#### Electrical specifications

Power Consumption:	88W
Operating Voltage:	100 – 277V AC
Operating Temp.(Ta):	-40°C to +65°C
Harmonics:	IEC 61000-3-2
Transient protection	Protection devices capable of handling up to 6kV. Tested for 6kV/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground
THD:	< 20 %
Power factor:	> 0.9
Light output (lm):	11000lm
Efficiency (lm/W):	125 lm/W

#### Photometric Information

CRI:	75
UGR:	<25
Colour temperature:	5000K (cool white)
IES Files:	Available upon request

#### Construction

Housing:	Copper free aluminium
Finish:	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy prime
Lens:	Polycarbonate

Classifications: IP66, IK10

Fixture Weight: 8.16kg  
Shipping Weight: 10.8kg  
Mounting: Hook (supplied) or

Cabling: Swivel bracket (supplied separately)  
3m PVC Power Cord

All values typical unless otherwise stated  
All lumen values are typical (tolerance +/- 10%)

### Mounting Options

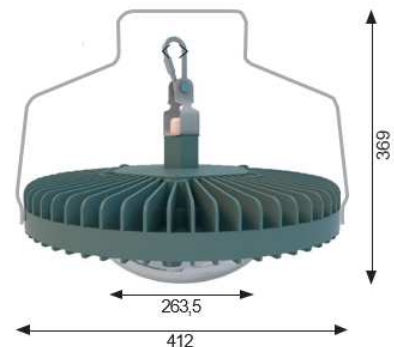


Hook  
(Included)



ANI-B-304  
Stainless Steel Swivel Bracket

### Dimensions



### ORDER INFORMATION

Part number	Initial fixture lumens	Wattage	Lumens Pro Watt	Input Voltage	Colour Temperature (CCT)	Lens		CRI
Standard Models - 100 – 277V AC								
VCX11D5ML	11,000	88	125	100 – 277V AC	5000K (cool white)	Diffused dome polycarbonate	Medium	75