

# unilight

..... leading LED technology

Integrated IP65 Dairy LED Fixtures. CE- and RoHS certified



## Description

Many international studies have shown that if light in the dairy unit is carefully designed and controlled, the milk yields will increase quite dramatically, 8-10 %. The lights should be on and off for particular periods during the 24 hour day. The Dairy version of the Uni-light Integrated IP65 fixtures are designed to be used in applications where specific colour spectrum is required to suppress the production of melatonin. We use a mixture of high performance LED's to obtain the optimum colour from our Dairy Light. The driver uses the same efficient design criteria that has made our bulb and tube technology so successful. The light output is between 95 and 110 lumens per watt depending on the local voltage level.

These special integrated units are available in 2 foot or 4 foot lengths with opaque lens diffusers with ratings of either 36W or 60W respectively. The units are supplied with a waterproof cable entry at either end for simple and quick installations as well as stainless steel suspension kits.

This special version has been developed in conjunction with dairy industry experts to offer a very specific light for use with Dairy Cattle. Many Dairy herds are being housed for long periods and with special lighting you can substantially increase the milk yield. This Dairy version of the IP65 integrated light are designed to operate standalone or to form the basis of an automatic system controlling light levels within a dairy environment.

## Unilight IP65 Dairy Integrated Fixtures



### Specification—IP65 Dairy Fixture

Model No: UL-IP65T8-B	2F-1T 36	4F-1T 60
Nominal Watts W	36	60
Operating Voltage V	220-240	220-240
Frequency Hz	50/60	50/60
Light output lm/W	95-110	95-110
Dimmable %	100%	100%
Colour Temp K	LED mixture	LED mixture
Power Efficiency %	90	90
LED working life hrs	50,000	50,000
Height cm	7	7
Width cm	9	9
Length cm	60	120
Warranty Yrs	5	5
Weight g	700	1200
Mercury Content	none	none
EMI	negligible	negligible

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