

正发QUEENDOM

正发畜牧照明是在牛舍中实现最佳光照气候的最佳途径。它改善了牛和农场福祉的多种方式。其中，这可以提高牛奶产量并改善农场成果。



Specifications



Operating voltage:	230 VAC ~ 50Hz
Power consumption:	25-32W
Dimmable:	Yes (DALI2 DT8)
Dim range:	1 - 100%
Light technology (+connection):	LED, 5 pole connection cable
Earth leakage:	<0.5 mA
Main light colour:	4000K (Neutral white)
Main light output:	4500 lm
Efficacy:	140 lm/W
CRI:	>80
Tuneable colour:	From 4000K to optimized spectrum for Cattle
Flicker-free:	Yes
Lifetime:	>50,000h*
Operating temp.:	-10°C (14°F) < Ta < +40°C (104°F)
IP:	IP67
Nett weight:	1964 gr / 4.33 lbs
Tube:	PC
Warranty:	5 Years**
Application:	Cattle

Accessories



Queendom Connection Cable 3
meter barcode: 7431



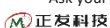
Queendom Clamp bracket with
carabiner barcode: 1059 /
Y210185



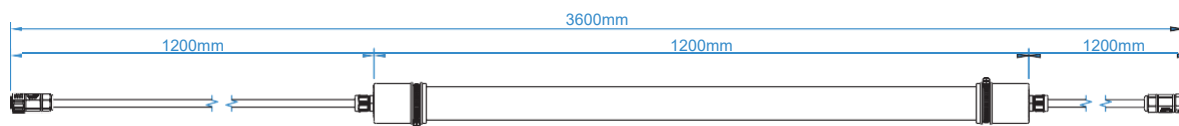
Queendom end cap
barcode: Y310525

Lifetime is a projection based on the IES-recommended method (TM-21) for projecting lumen degradation of an LED package, array or module based on data collected according to LM-80. the maximum projection is limited to 6 times the test duration. With a test duration of one year, the maximum allowed projection is 50.000h.

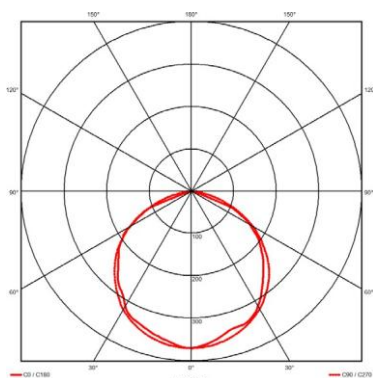
**Ask your sales representative for the product specific warranty terms and conditions.



Dimensions规格



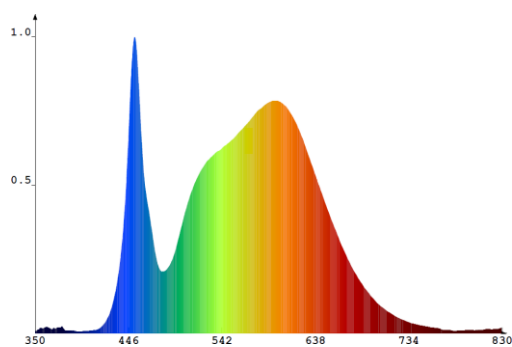
Light spread



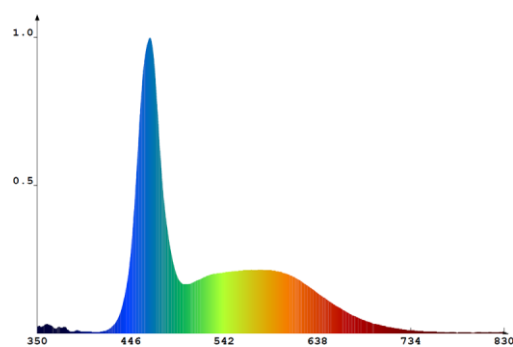
Spectrum

Measured with the HATO ONE spectrum meter

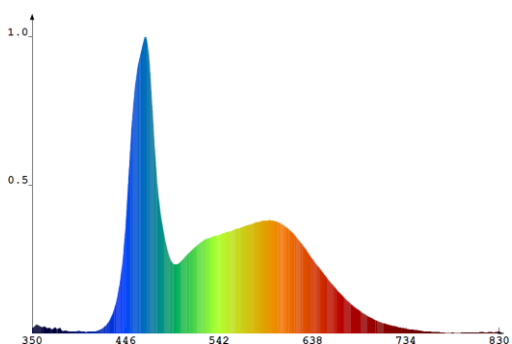
100% Main light spectrum



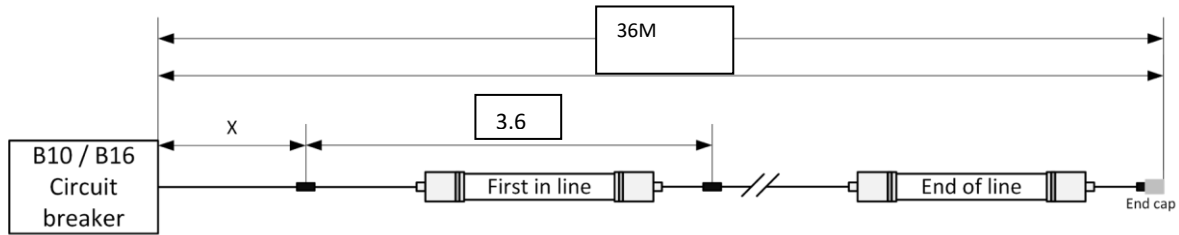
100% Optimized cattle light spectrum



50% Main light spectrum & 50% Optimized cattle light spectrum



Installation example



Inrush current: 17A (cold start)

Circuit breaker	Maximum single line length after circuit breaker [m]	Maximum number of lamps per circuit breaker*
B10	3.6	36
B16	--	10

Calculation example single line

Circuit breaker	Maximum number of lamps in one line with 3.6m (X = 3.6m) cable between circuit breaker and first lamp	Maximum number of lamps in one line with 10m (X = 10m) cable between circuit breaker and first lamp
B10	1	10
B16		

*Maximum number of lamps in line is limited by inrush current and maximum cable length. Calculation example above takes both into account.

Multiple lines can be connected to a single circuit breaker as long as it is within maximum length per line and maximum number of lamps per circuit breaker.

Markings



* Lifetime definition & measurement available upon request

** Protection test against penetration of water IPX7

(protected against the effect of temporary immersion up to 1m)

Specifications are subject to change without prior notice

In case of discrepancy, the English version shall prevail