



# AMENTA Cattle

Biologically efficient lighting for the cattle barn



5 YEARS warranty



## Benefits

- Optimized light spectrum for cows.
- Robust design for extreme stable conditions.
- Simple mounting and operation.
- Specific version for milking parlors with CRI90 and IP69(80).

## Characteristics

IP 66   IK 03   Frequency 0-50/60Hz   Rated voltage 220-240V   NON-SELV

### Mechanical characteristics

Profile	Extruded PMMA with UV protection Blue end caps Bottom part opal
End caps	PMMA, ASA
Gasket	PWIS-free silicone
Gear tray	White lacquered steel plate
Cable entry	Cable gland
Fixing clips (included)	Stainless steel
Suspension triangles (included)	Stainless steel



### Electrical characteristics

Connection	3/5 pole push wire terminal block
THD	< 10% full load
Power factor	> 0.95 full load
Flicker factor	< 1%

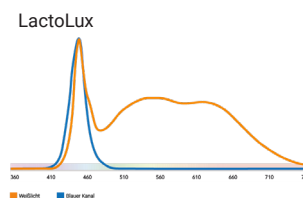
### Functional characteristics

Lifetime	L80 50,000 hours at 25°
Guarantee	5 years
Fire protection	Flammability (UL94): HB Glow wire test (EN 60695-2-11): 650°

Compliance



### Photometrical characteristics



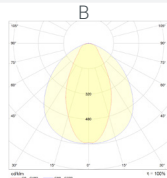
LactoLux spectrum incl. blue and UV light to increase milk production. Suppression of melatonin release to extend the day lengthening.

## AMENTA | Cattle

### Description

FAMILY	LENGTH (mm)	OPTICS	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	THROUGH WIRING
> AMENTA	> 1.2: 1200 > 1.5: 1500	> B: wide	> 12: 1200 > 60: 6000	> 8: >80 > 9: >90	> LactoLux > 65: 6500	> ET: non dimmable > ETDD: DALI	> LV: Power lines + DALI

Special options under request



Light distribution for diffuse cover also available

### Operational data

#### Description

	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Light colour (K)	CRI
AMENTA 1.2 B ETDD LACTOLUX B LV	10351917	1200	42	28	LactoLux	
AMENTA 1.5 60-865 ET LV B	10286723	6000	51	117	6500	>80
AMENTA 1.5 60-865 ETDD LV B	10350193	6000	51	117	6500	>80
AMENTA 1.5 60-965 ET IP69K LV	10351108	6000	51	117	6500	>90

### Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
AMENTA 1.2...	1213	800	76	67	1330 x 85 x 75	1	1.9	171	108 + 108
AMENTA 1.5...	1493	1100	76	67	1610 x 85 x 75	1	2.3	171	108 + 108

Please check with our Back Office to confirm logistic data

### Accessories

10103049	Suspension wire 2m hook and fastener, 1 unit <sup>2</sup>
10149442	Theft protection (required for wall mounting), set for 1 luminaire
10207593	ZBWM wall mounting accessory (allows luminaire rotation), 2 pieces set
10256809	Fixing clips in stainless steel 316L, 2 units

<sup>2</sup> 2 units required per luminaire

