

# PEM T-LED

Versatile LED luminaire with LED tube safe against chemicals



								<b>2 YEARS</b> warranty	
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## Benefits

- Reliable for farming applications.
- Up to 158 lm/W.
- Efficient LED tube made in glass to prevent deterioration and sagging over time.
- High protection for a long durability.

## Characteristics

IP 65	IK 03	Frequency 0-50/60Hz	Rated voltage 220-240V	NON-SELV	
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### Mechanical characteristics

Housing	Compressed fibreglass reinforced polyester (GRP) Grey RAL 7035
Diffuser	Injected PMMA with UV protection
Closing clips	Stainless steel
Gasket	Polyurethane
Gear tray	White lacquered steel plate
Cable entry	Cable gland
Lamp holder	G13
Fixing clips	Stainless steel
Suspension triangles	Stainless steel



### Electrical characteristics

Connection	3 pole push wire terminal block
THD	< 25%
Flicker factor	< 8%
Electrical protection	LED starter and filter capacitor included to protect against surge

### Functional characteristics

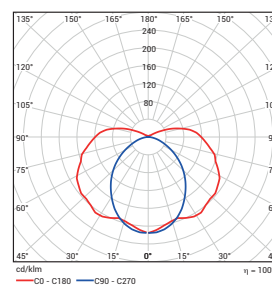
Lifetime	L70 50,000 hours
Guarantee	2 years
Fire protection	Flammability (UL94): HB Glow wire test (EN 60595-2-11): 650°

Compliance

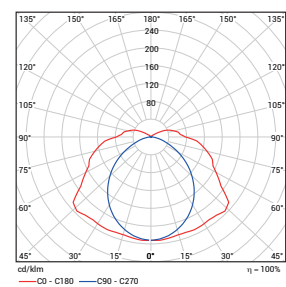


### Photometrical characteristics

1 TUBE



2 TUBES



PEM T-LED

Description

FAMILY	LUMINOUS FLUX (lm)	LAMP TYPE	CONFIGURATION	CONNECTION	CLOSING CLIPS	LIGHT SOURCE
> PEM	> 118: 950 > 136: 2350 > 158: 3800 > 218: 1900 > 236: 4600 > 258: 7200	> LED-T8: tube (included)	> C2: both terminals electrified	> CG: cable gland	> IX: stainless steel	> LM840: 4000K CRI80

Special options under request

Operational data

1 TUBE

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range
PEM 118 LED-T8 C2 CG IX LM840	10194496	950	6.5	146	4000	> 80	-20°C - +35°C
PEM 136 LED-T8 C2 CG IX LM840	10194497	2350	15	157	4000	> 80	-20°C - +35°C
PEM 158 LED-T8 C2 CG IX LM840	10194498	3800	24	158	4000	> 80	-20°C - +35°C

2 TUBES

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range
PEM 218 LED-T8 C2 CG IX LM840	10194499	1950	13	150	4000	> 80	-20°C - +35°C
PEM 236 LED-T8 C2 CG IX LM840	10194500	4640	30	155	4000	> 80	-20°C - +35°C
PEM 258 LED-T8 C2 CG IX LM840	10194501	7300	48	152	4000	> 80	-20°C - +35°C

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
PEM 118...	666	230	100	108	690 x 102 x 110	1	1.0	210	168 + 168
PEM 136...	1275	840	100	108	1290 x 102 x 110	1	1.8	105	84 + 84
PEM 158...	1575	1140	100	108	1590 x 102 x 110	1	2.1	105	84 + 84
PEM 218...	666	230	170	108	690 x 172 x 110	1	1.4	120	120 + 120
PEM 236...	1275	840	170	108	1290 x 172 x 110	1	2.1	60	60 + 60
PEM 258...	1575	1140	170	108	1590 x 172 x 110	1	2.6	60	60 + 60

Please check with our Back Office to confirm logistic data

