



# ALHAMA T-LED

Resistant to impacts with a high efficiency LED tube



**5 YEARS**  
warranty



## Benefits

- High impact resistance.
- Up to 160 lm/W.
- Efficient LED tube made in glass to avoid deterioration and prevent sagging over time.
- LED starter and filter capacitor included to avoid EMC issues.

## Characteristics

IP 66
IK 08
Frequency 0-50/60Hz
Rated voltage 220-240V
NON-SELV

### Mechanical characteristics

Housing	Injected polycarbonate, with UV protection Grey RAL 7035
Diffuser	Injected polycarbonate with UV protection
Closing clips	Polyamide 6
Gasket	Polyurethane
Gear tray	White lacquered steel plate
Cable entry	Grommet
Lamp holder	G13
Fixing clips	Stainless steel
Suspension triangles	Stainless steel

### Functional characteristics

Lifetime	L70 50,000 hours
Guarantee	5 years
Fire protection	Flammability (UL94): V2 Glow wire test (EN 60695-2-11): 850°

Compliance

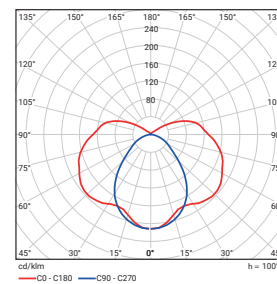


### Electrical characteristics

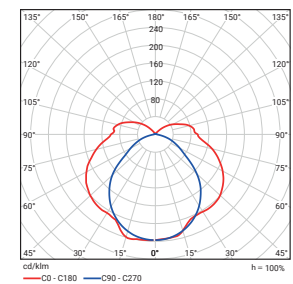
Connection	3 pole push wire terminal block
THD	< 25%
Flicker factor	< 8%
Electrical protection	LED starter and filter capacitor included to protect against surge

### Photometrical characteristics

1 TUBE



2 TUBES





## Description

FAMILY	LUMINOUS FLUX (lm)	LAMP TYPE	DIFFUSER	CONFIGURATION	LIGHT SOURCE
> ALHAMA	> 118: 950 > 136: 2350 > 158: 3800 > 218: 1900 > 236: 4600 > 258: 7200	> LED-T8: tube (included)	> PC: polycarbonate	> C2: both terminals electrified	> 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
ALHAMA 118 LED-T8 PC C2 LM840	10194239	950	6.5	146	4000	> 80	-20°C - +35°C
ALHAMA 136 LED-T8 PC C2 LM840	10194240	2375	15	158	4000	> 80	-20°C - +35°C
ALHAMA 158 LED-T8 PC C2 LM840	10194241	3850	24	160	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
ALHAMA 218 LED-T8 PC C2 LM840	10194242	1950	13	150	4000	> 80	-20°C - +35°C
ALHAMA 236 LED-T8 PC C2 LM840	10194243	4650	30	155	4000	> 80	-20°C - +35°C
ALHAMA 258 LED-T8 PC C2 LM840	10194244	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
ALHAMA 118...	660	390	101	101	660 x 101 x 101	1	1.0	294	168 + 168
ALHAMA 136...	1277	800	101	101	1277 x 101 x 101	1	1.8	147	84 + 84
ALHAMA 158...	1573	1100	101	101	1573 x 101 x 101	1	2.2	147	84 + 84
ALHAMA 218...	660	390	145	101	660 x 145 x 101	1	1.3	210	120 + 120
ALHAMA 236...	1277	800	145	101	1277 x 145 x 101	1	2.2	105	60 + 60
ALHAMA 258...	1573	1100	145	101	1573 x 145 x 101	1	2.7	105	60 + 60

Please check with our Back Office to confirm logistic data

