

PEP T-LED

Versatile LED luminaire with LED tube for different applications



Benefits

- High impact resistance.
- Up to 158 lm/W.
- Efficient LED tube made in glass to prevent deterioration and sagging over time.
- High robustness housing for a long durability.

Characteristics



Mechanical characteristics

| | |
|----------------------|---|
| Housing | Compressed fibreglass reinforced polyester (GRP) 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 |



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

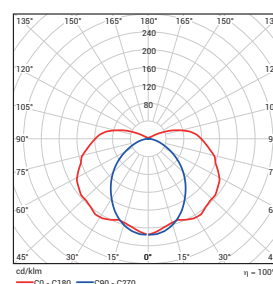
| | |
|-----------------|---|
| Lifetime | L70 50,000 hours |
| Guarantee | 5 years |
| Fire protection | GRP: Flammability (UL94): HB Glow wire test (EN 60695-2-11): 650°C PC: Flammability (UL94): V2 Glow wire test (EN 60695-2-11): 850°C |

Compliance

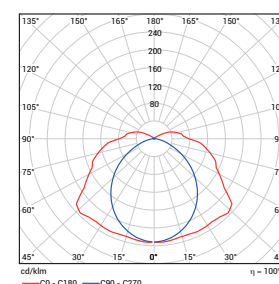


Photometrical characteristics

1 TUBE



2 TUBES



PEP T-LED

Description

| FAMILY | LUMINOUS FLUX (lm) | LAMP TYPE | CONFIGURATION | CLOSING CLIPS | LIGHT SOURCE |
|--------|---|---------------------------|----------------------------------|-------------------|----------------------|
| > PEP | > 118: 950 > 136: 2350 > 158: 3800 > 218: 1950 > 236: 4640 > 258: 7300 | > LED-T8: tube (included) | > C2: both terminals electrified | > PA: polyamide 6 | > 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 |
|----------------------------|--------------|--------------------|-----------|-------------------|------------------------|------|-------------------|
| PEP 118 LED-T8 C2 PA LM840 | 10194245 | 950 | 6.5 | 146 | 4000 | > 80 | -20°C - +35°C |
| PEP 136 LED-T8 C2 PA LM840 | 10194246 | 2350 | 15 | 157 | 4000 | > 80 | -20°C - +35°C |
| PEP 158 LED-T8 C2 PA LM840 | 10194247 | 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 |
|----------------------------|--------------|--------------------|-----------|-------------------|------------------------|------|-------------------|
| PEP 218 LED-T8 C2 PA LM840 | 10194248 | 1900 | 13 | 146 | 4000 | > 80 | -20°C - +35°C |
| PEP 236 LED-T8 C2 PA LM840 | 10194249 | 4600 | 30 | 153 | 4000 | > 80 | -20°C - +35°C |
| PEP 258 LED-T8 C2 PA LM840 | 10194250 | 7200 | 48 | 150 | 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 |
| PEP 118... | 666 | 230 | 100 | 108 | 690 x 102 x 110 | 1 | 1.0 | 210 | 168 + 168 |
| PEP 136... | 1275 | 840 | 100 | 108 | 1290 x 102 x 110 | 1 | 1.8 | 105 | 84 + 84 |
| PEP 158... | 1575 | 1140 | 100 | 108 | 1590 x 102 x 110 | 1 | 2.1 | 105 | 84 + 84 |
| PEP 218... | 666 | 230 | 170 | 108 | 690 x 172 x 110 | 1 | 1.4 | 120 | 120 + 120 |
| PEP 236... | 1275 | 840 | 170 | 108 | 1290 x 172 x 110 | 1 | 2.1 | 60 | 60 + 60 |
| PEP 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

