

TA 30

The diecast aluminium housing and special sealing system protect the Siteco tunnel luminaire reliably against aggressive ambient conditions in tunnels, in underpasses and in special industrial areas. In addition the luminaire is thus also resistant to the usual tunnel cleaning methods.

The safety glass or frameless cover panel is fixed via four stainless steel brackets. These enable the cover to be simply and quickly opened on both sides along the longitudinal luminaire axis. At the same time the luminaire cover is secured from falling down. The catches are secured against unauthorised opening via safety clips. The inner of the single lamp luminaire contains a gear tray, replaceable without tools. With the twin lamp version the gear tray is fixed to the housing.

A wide variety of high-performance HST and HIT lamps are available for lamping as well as various optics. This enables the Siteco tunnel luminaire to be equipped with reflector technology that permits optimal applications in terms of energy and photometrics.

- + housing of AlSi12, frame of optical enclosure and safety catches of corrosion-resistant stainless steel
- + optical enclosure of toughened safety glass according to EN 12150-1
- + precision specular optics for symmetric and asymmetric light distribution with high light output ratio
- + profile sealing of especially durable material across one level in the cover frame ensures high protection rating
- + service and maintenance advantage due to 2-sided use of gear tray and tool-free replacement of gear tray
- + coated surface



Housing

Housing of AlSi12 diecast aluminium, safety catches and mounting accessories of corrosion-resistant stainless steel | resistant to corrosion, largely unaffected by aggressive influences | cover panel of toughened safety glass according to EN 12150-1 | sealing on one level, temperature-, humidity- and age-resistant against aggressive tunnel atmospheres | plastic cable glands for cable infeed of PA-V0 UL94 | cover can be opened on both sides, remains fixed to luminaire housing when folded down | single-lamp gear tray with all electrical components can be folded out without tools and replaced with ease | housing with screw-fixed longitudinal mounting straps
 protection rating: IP66 | insulation class: I
 impact resistance: IK10

Electrics

Luminaires wired ready for connection | single lamp luminaire with 5-pole connection terminal, max. 10mm² | 2x M32 cable entry for cables D= 18...25mm | M25 fixed cover with blanking plugs | single lamp luminaire for reduced operation with 8-pole terminal

(5-pole + 3-pole for control signal), max. 10mm²
 2x M32 cable entry for cables D= 18...25mm | 2 x M25 cable gland for cables D= 9...16mm | twin lamp luminaire for reduced operation with 14-pole terminal (2x 5-pole + 2x 2-pole for control signal), max. 10mm² | 4x M32 cable entry for cables D= 18...25mm with conv. ballast, with parallel p.f. correction (with mounted capacitor) | ballasts with thermal monitoring; ignitors with automatic power disconnection; reducing circuit with negative switching logic | suitable for through-wiring from luminaire to luminaire

Lighting technology

Precision specular optics with high light output ratio

- direct symmetric wide distribution
- direct asymmetric distribution

Recommended applications

Tunnels with low traffic loads, underpasses, industrial areas



TA 30 | for high pressure discharge lamps | cover without frame | symmetric distribution

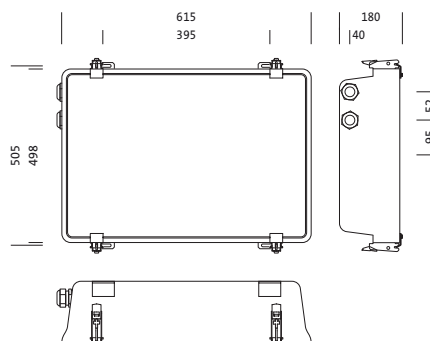
TA 30 tunnel luminaire for surface-mounting, suspended mounting or fixing to tunnel substructure | direct symmetric wide distribution | with conv. ballast, parallel p. f. corrected* | housing of ALSi12; catches of cover of V2A stainless steel; sealing on one level of silicone; frameless cover of toughened safety glass

Protection rating: IP66

Insulation class: I

Impact resistance: IK10

* luminaire with internal micro-fuse (T6,3A/250V)



Lamps	Socket	Wt. (kg)	Order No.	with Reduction circuit Order No.
symmetric distribution, with specular reflector, type 8				
1x HST 70W	E27	16.0	5TK874D1M80L	5TK874D1M81L
1x HST 100W	E40	16.3	5TK874D1N80L	5TK874D1N81L
1x HST 150W	E40	17.0	5TK874D1P80L	5TK874D1P81L
1x HST 250W	E40	18.4	5TK874D1S80L	5TK874D1S81L
1x HST 400W	E40	19.9	5TK874D1T80L	5TK874D1T81L
symmetric distribution, with specular reflector, type H				
1x HST 100W	E40	16.3	5TK874D1NH0L	5TK874D1NH1L
1x HST 150W	E40	17.0	5TK874D1PH0L	5TK874D1PH1L
1x HST 250W	E40	18.5	5TK874D1SH0L	5TK874D1SH1L
1x HST 400W	E40	19.9	5TK874D1TH0L	5TK874D1TH1L
symmetric distribution, with specular reflector, type S				
1x HST 100W	E40	15.9	5TK874D1NS0L	5TK874D1NS1L
1x HST 150W	E40	16.6	5TK874D1PS0L	5TK874D1PS1L
1x HST 250W	E40	18.1	5TK874D1SS0L	5TK874D1SS1L
1x HST 400W	E40	18.6	5TK874D1TS0L	5TK874D1TS1L

Delivery start: January 2012





TA 30 | for high pressure discharge lamps | cover without frame | asymmetric distribution

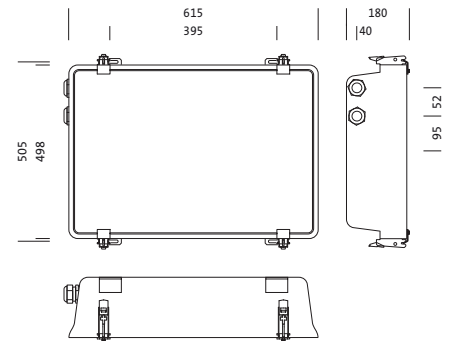
TA 30 tunnel luminaire for surface-mounting, suspended mounting or fixing to tunnel substructure | direct asymmetric wide distribution | with conv. ballast, parallel p. f. corrected* | housing of ALSi12; catches of cover of V2A stainless steel; sealing on one level of silicone; frameless cover of toughened safety glass

Protection rating: IP66

Insulation class: I

Impact resistance: IK10

* luminaire with internal micro-fuse (T6,3A/250V)



Lamps	Socket	Wt. (kg)	Order No.	with Reduction circuit Order No.
asymmetric distribution, with specular reflector, type 3				
1x HST 100W	E40	15.9	5TK874D1N30L	5TK874D1N31L
1x HST 150W	E40	16.6	5TK874D1P30L	5TK874D1P31L
1x HST 250W	E40	18.0	5TK874D1S30L	5TK874D1S31L
1x HST 400W	E40	19.5	5TK874D1T30L	5TK874D1T31L
asymmetric distribution, with specular reflector, type A				
1x HST 100W	E40	15.8	5TK874D1NA0L	5TK874D1NA1L
1x HST 150W	E40	16.5	5TK874D1PA0L	5TK874D1PA1L
1x HST 250W	E40	17.9	5TK874D1SA0L	5TK874D1SA1L
1x HST 400W	E40	19.4	5TK874D1TA0L	5TK874D1TA1L

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