

**Order No.:** 5XA86174N0X | **GTIN (EAN):** 4069025029058

**Product description:** TV20VPL,LED,5120lm840,ECG,PC,dir,surf



TV 20, vandal-proof luminaire, primary light control with specular reflector, of aluminium, matt, primary optical cover: enclosure, of PC, frosted, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED, rated luminous flux: 5.120lm, luminous efficacy: 102lm/W, light colour: 840, colour temperature: 4000K, control gear: ON/OFF, mains connection: 230V, AC, 50Hz, rated input power: 50W, luminaire housing, of aluminium, coated, Siteco® metallic grey (DB 702S), with wall and ceiling fixing element, length: 1.561mm, width: 260mm, height: 70mm, mounting height: 2.5..4.0m, protection rating (complete): IP65, insulation class (complete): insulation class I (protective earthing), certification: CE, protection symbol: F, impact resistance: 2x IK10, standard: EN 60598, packaging unit: 1 piece

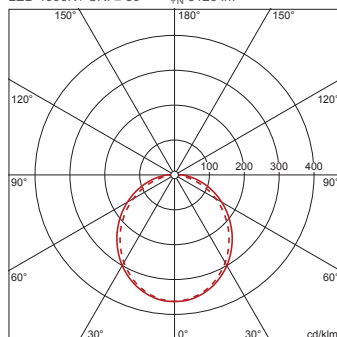
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5XA86174N0X

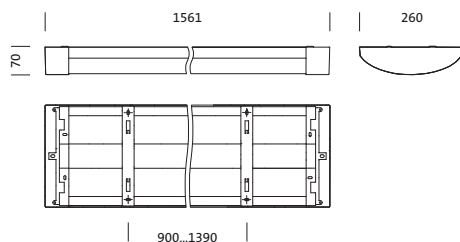
LED 4000K / CRI ≥ 80

Φ<sub>h</sub> 5120 lm

IP 65 2xIK 10



Lamps: LED  
Wt. (kg): 9.4  
GTIN (EAN): 4069025029058



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

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**Order No.:** 5XA86174N0X | **GTIN (EAN):** 4069025029058

**Detailed technical description:** TV20VPL,LED,5120lm840,ECG,PC,dir,surf



#### Key data

- Product type: vandal-proof luminaire
- Product name: TV 20
- Order No.: 5XA86174N0X

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: specular reflector of aluminium, matt
- Cover: enclosure, frosted
- Symmetry: symmetric
- Light emission: direct distribution

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 5120lm
- Luminous efficacy: 102lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 50W

#### Operating device:

- Control gear: ECG
- Control: ON/OFF

#### Certificates, Standards

- Protection rating: IP65
- Insulation class: insulation class I (protective earthing)
- Impact resistance: 2x IK10
- Protection symbol: F
- Standard: EN 60598
- Certification, designation: CE

#### Material, Colour

- luminaire housing: aluminium, coated, Siteco® metallic grey (DB 702S), with wall and ceiling fixing element
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: enclosure of PC

#### Mounting

- Mounting method, mounting location: surface-mounted, to the ceiling, to the wall
- Arrangement: single/continuous arrangement

#### Electrical connection

- Nominal voltage: 230V, 50Hz, AC

#### Dimensions, Weight

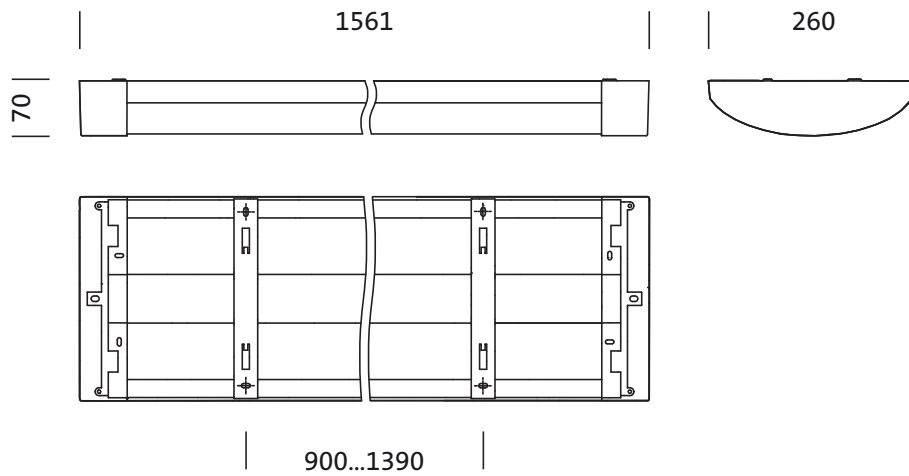
- Length: 1561mm
- Width: 260mm
- Height: 70mm
- Weight: 9.4kg

#### Service life

- Rated service life: 50000h (L80/B10) at AT = 25°C

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**Dimensions:** TV20VPL,LED,5120lm840,ECG,PC,dir,surf



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Planning data: TV20VPL,LED,5120lm840,ECG,PC,dir,surf

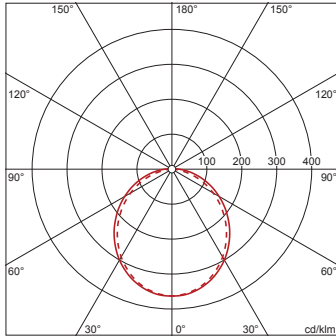
5XA86174N0X: 1x LED 4000K  
/ CRI ≥ 80

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5XA86174N0X

LED 4000K / CRI ≥ 80

Φ<sub>N</sub> 5120 lm



C 0/180

C 90/270

No. of luminaires in room

Reflection factors 70/50/20

| Em(lx) | 100 |     | 200 |     | 500 |     |
|--------|-----|-----|-----|-----|-----|-----|
| Lh(m)  | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| 20 m²  | 0.6 | 0.7 | 1.2 | 1.4 | 3.0 | 3.5 |
| 30 m²  | 0.9 | 1.0 | 1.8 | 2.0 | 4.5 | 5.0 |
| 40 m²  | 1.1 | 1.3 | 2.3 | 2.5 | 5.7 | 6.3 |
| 50 m²  | 1.4 | 1.5 | 2.7 | 3.0 | 6.8 | 7.6 |
| 75 m²  | 2.0 | 2.2 | 4.0 | 4.3 | 9.9 | 11  |
| 100 m² | 2.6 | 2.8 | 5.1 | 5.5 | 13  | 14  |
| 500 m² | 12  | 12  | 23  | 24  | 58  | 60  |

Maintenance factor 0.8

Rh = Lh

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