

**Order No.:** 5XA86172N0A | **GTIN (EAN):** 4050737978284

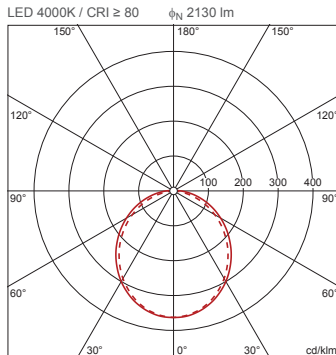
**Product description:** TV20VPL,LED,2130lm840,ECG,PC,dir,surf



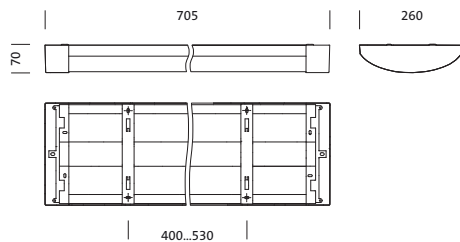
TV 20, vandal-proof luminaire, primary light control with specular reflector, of aluminium, matt, primary optical cover: enclosure, of PC, frosted, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED, rated luminous flux: 2.130lm, luminous efficacy: 101lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG, mains connection: 230V, AC, 50Hz, rated input power: 21W, luminaire housing, of aluminium, coated, Siteco® metallic grey (DB 702S), with wall and ceiling fixing element, length: 705mm, width: 260mm, height: 70mm, 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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5XA86172N0A

IP 65 2xIK 10 



**Lamps:** LED  
**Wt. (kg):** 4.8  
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Detailed technical description: TV20VPL,LED,2130lm840,ECG,PC,dir,surf



#### Key data

- Product type: vandal-proof luminaire
- Product name: TV 20
- Order No.: 5XA86172N0A

#### 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: 2130lm
- Luminous efficacy: 101lm/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: 21W

#### 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

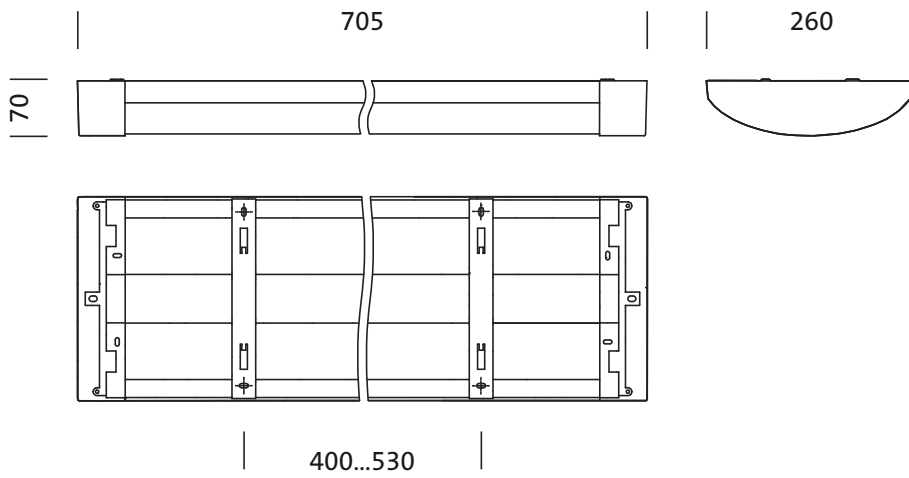
- Length: 705mm
- Width: 260mm
- Height: 70mm
- Weight: 4.8kg

#### Service life

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

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Dimensions: TV20VPL,LED,2130lm840,ECG,PC,dir,surf



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

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

Issued 08.09.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -

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**Planning data:** TV20VPL,LED,2130lm840,ECG,PC,dir,surf

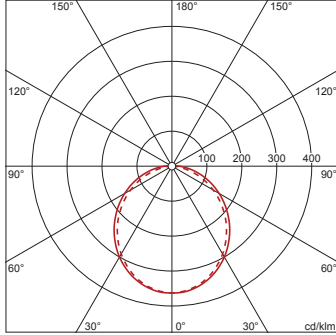
**5XA86172N0A: 1x LED 4000K**  
/ CRI ≥ 80

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5XA86172N0A

LED 4000K / CRI ≥ 80

Φ<sub>N</sub> 2130 lm



— C 0/180    - - - C 90/270

No. of luminaires in room

Reflection factors 70/50/20

| Em(x)              | 100 |     | 200 |     | 500 |     |
|--------------------|-----|-----|-----|-----|-----|-----|
|                    | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| Lh(m)              | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| 20 m <sup>2</sup>  | 1.4 | 1.7 | 2.9 | 3.3 | 7.2 | 8.3 |
| 30 m <sup>2</sup>  | 2.1 | 2.4 | 4.3 | 4.9 | 11  | 12  |
| 40 m <sup>2</sup>  | 2.7 | 3.1 | 5.5 | 6.1 | 14  | 15  |
| 50 m <sup>2</sup>  | 3.3 | 3.6 | 6.6 | 7.3 | 16  | 18  |
| 75 m <sup>2</sup>  | 4.8 | 5.2 | 9.6 | 10  | 24  | 26  |
| 100 m <sup>2</sup> | 6.2 | 6.6 | 12  | 13  | 31  | 33  |
| 500 m <sup>2</sup> | 28  | 29  | 56  | 58  | 140 | 144 |

Maintenance factor 0.8

Rh = Lh

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