

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

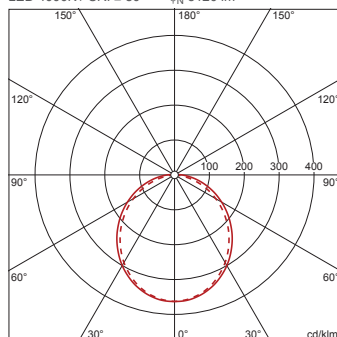
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5XA86174N0X

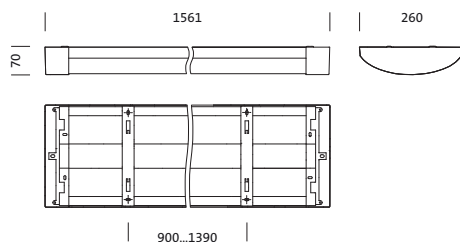
LED 4000K / CRI ≥ 80

Φ_h 5120 lm

IP 65 2xIK 10



Lamps: LED
Wt. (kg): 9.4
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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)

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

Issued 09.04.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

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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

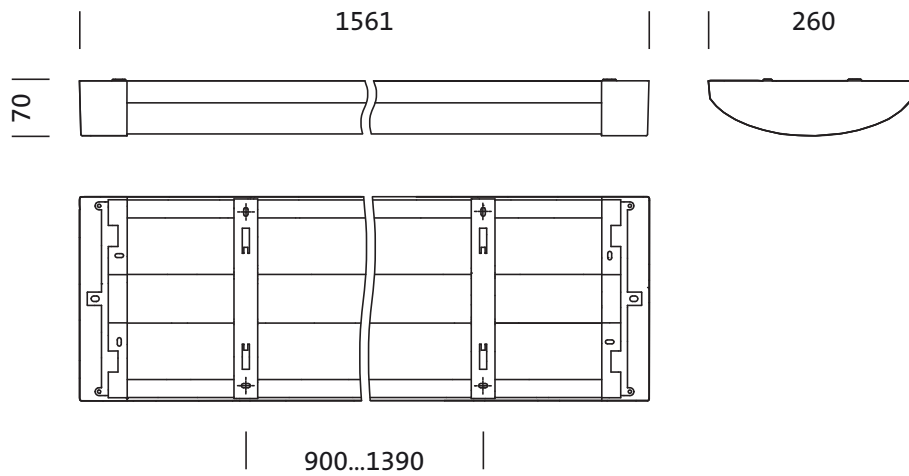
- Length: 1561mm
- Width: 260mm
- Height: 70mm
- Weight: 9.4kg

Service life

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

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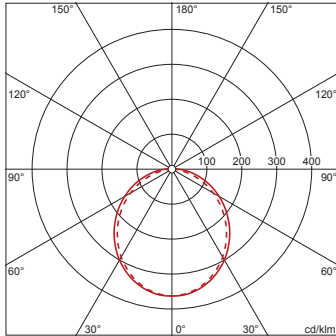
5XA86174N0X: 1x LED 4000K
/ CRI ≥ 80

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5XA86174N0X

LED 4000K / CRI ≥ 80

Φ_N 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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