

Order No.: 5XA86174N0X | **GTIN (EAN):** 4050737978307

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



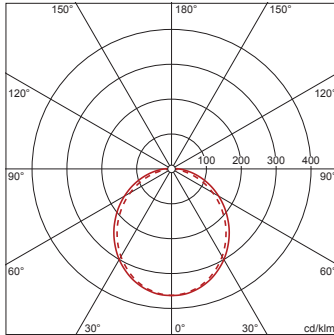
TV 20, vandal-proof luminaire, primary light control with specular reflector, of aluminium, matt, primary optical cover: enclosure, of PC, frosted, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED rated luminous flux: 5.120 lm, light colour: 840, colour temperature: 4000K, control gear: ECG, mains connection: 230V, AC, 50Hz, rated input power: 50W, luminaire housing, of aluminium, coated, Siteco® metallic grey (DB 702S), length: 1.561 mm, width: 260 mm, 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

IP 65 2xIK 10  

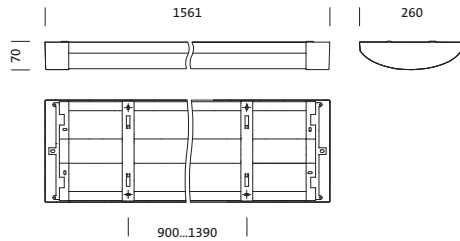
4050737978307
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LED 4000K / CRI ≥ 80

Φ_h 5120 lm



Lamps:	LED
Wt. (kg):	9.4
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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 distribution
- 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

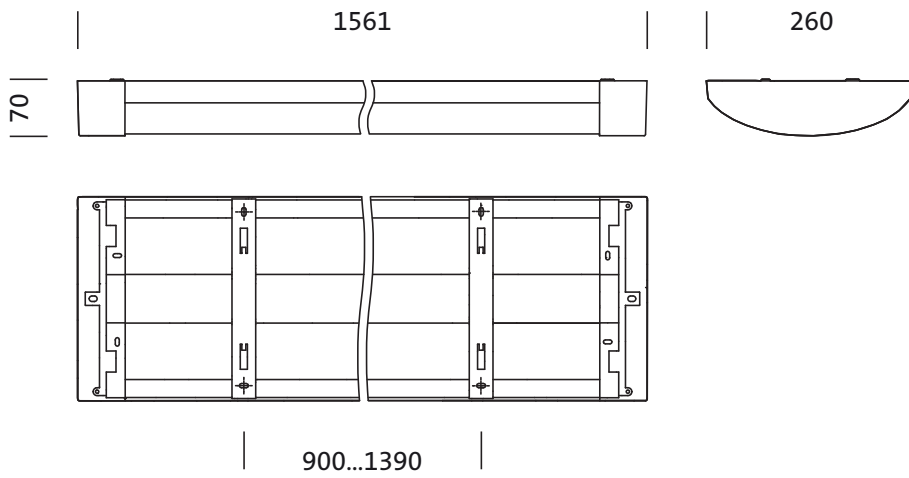
- Length: 1561mm
- Width: 260mm
- Height: 70mm
- Weight: 9.4kg

Service life

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

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

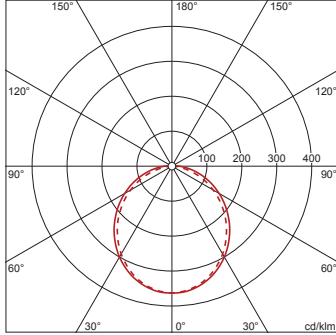
5XA86174N0X: 1x LED 4000K
/ CRI ≥ 80

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5XA86174N0X

LED 4000K / CRI ≥ 80

Φ_N 5120 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 ²	0.6	0.7	1.2	1.4	3.0	3.5
30 m ²	0.9	1.0	1.8	2.0	4.5	5.0
40 m ²	1.1	1.3	2.3	2.5	5.7	6.3
50 m ²	1.4	1.5	2.7	3.0	6.8	7.6
75 m ²	2.0	2.2	4.0	4.3	9.9	11
100 m ²	2.6	2.8	5.1	5.5	13	14
500 m ²	12	12	23	24	58	60

Maintenance factor 0.8

Rh = Lh