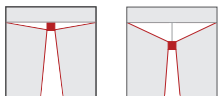


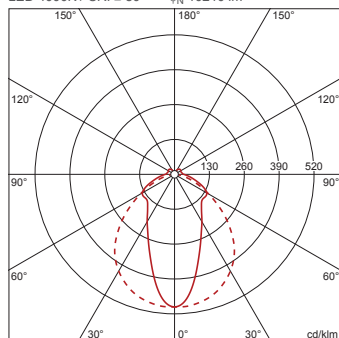
Order No.: 5TS20171V4105 | **GTIN (EAN):** 4050737836928

Product description: Mod-PS,LI,nrrw,10210lm840,0/1,5su



4050737836928
5TS20171V4105

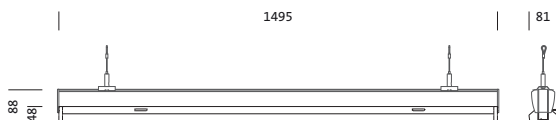
LED 4000K / CRI ≥ 80



Modario PS, luminaire insert, of aluminium, anodised, length: 1.495mm, width: 80mm, height: 88mm, 5x system unit, system units: 299mm, LED rated luminous flux: 10.210lm, light colour: 840, SDCM (Standard Deviation of Colour Matching)MacAdam ≤ 3 SDCM (initial), control gear: ON/OFF, control gear: ECG, with plug, 3-pole, with phase selection, mains connection: 230V, AC, 50/60Hz, rated input power: 62W, through-wiring accessed according to module size, primary optical cover: cover, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, protection rating (complete): IP20, protection rating (LED compartment): IP50, insulation class (complete): insulation class I (protective earthing), certification: CE, impact resistance: IK03, permissible ambient temperature for indoor applications: -30...+40°C, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, packaging unit: 1 piece

IP 20 IK 03

Lamps: LED
Wt. (kg): 2.4
GTIN (EAN): 4050737836928



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

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

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Order No.: 5TS20171V4105 | **GTIN (EAN):** 4050737836928

Detailed technical description: Mod-PS,LI,nrrw,10210lm840,0/1,5su



Key data

- Product type: luminaire insert
- Product name: Modario PS
- Order No.: 5TS20171V4105

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Cover: cover, prismatic structure, frosted
- Beam angle: narrow distribution
- Symmetry: symmetric
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Rated luminous flux: 10210lm
- Luminous efficacy: 165lm/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: 62W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

- Protection rating: IP20
- Protection rating (lamp compartment): IP50
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK03
- Temperature range (operation): -30...+40°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting
- Certification, designation: CE

Material, Colour

- PS LED insert: aluminium, anodised, 5x system unit, for tool-free mounting of luminaire in Modario trunking rail
- Cover: cover of PMMA

Mounting

- Arrangement: single/continuous arrangement

Electrical connection

- Connection: plug, 3-pole, with phase selection
- Nominal voltage: 230V, 220...240V, 50/60Hz, AC

Dimensions, Weight

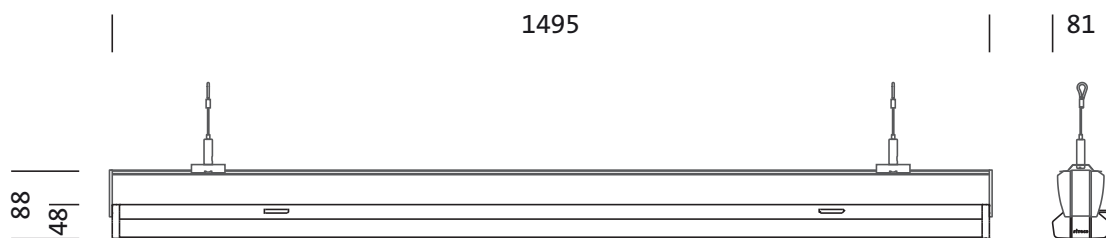
- System units: 5x SE
- Length: 1495mm
- Width: 80mm
- Height: 88mm
- Weight: 2.4kg

Service life

- Rated service life: 50000h (L90/B50) at AT = 25°C

Order No.: 5TS20171V4105 | **GTIN (EAN):** 4050737836928

Dimensions: Mod-PS,LI,nrrw,10210lm840,0/1,5su



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

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Order No.: 5TS20171V4105 | GTIN (EAN): 4050737836928

Planning data: Mod-PS,LI,nrrw,10210lm840,0/1,5su

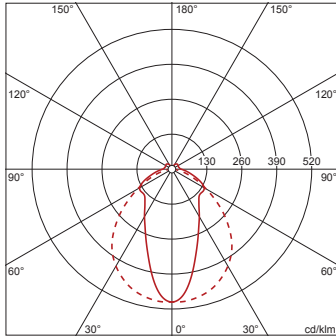
5TS20171V4105: 1x LED
4000K / CRI ≥ 80

4050737836928

5TS20171V4105

LED 4000K / CRI ≥ 80

Φ_{NI} 10210 lm



ϕ_↓ 90% ϕ_↑ 10%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	11063	13429
L ₇₀	13944	19532
L ₆₅	15564	23236

UGR 26.4 25.8

X 4H Y 8H ρ 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

Em(lx)	100		200		500	
Lh(m)	3.0	5.0	3.0	5.0	3.0	5.0
20 m ²	0.4	0.6	0.7	1.1	1.8	2.8
30 m ²	0.5	0.8	1.1	1.5	2.6	3.8
40 m ²	0.7	0.9	1.3	1.8	3.3	4.6
50 m ²	0.8	1.1	1.6	2.1	3.9	5.4
75 m ²	1.1	1.4	2.3	2.9	5.7	7.2
100 m ²	1.4	1.8	2.9	3.6	7.1	9.0
500 m ²	6.2	7.0	12	14	31	35

Maintenance factor 0.8

Rh = Lh + 0.5 m

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