

Order No. OSRAM: 4050737970868 | Order No. Siteco: 5TR214D2V4080

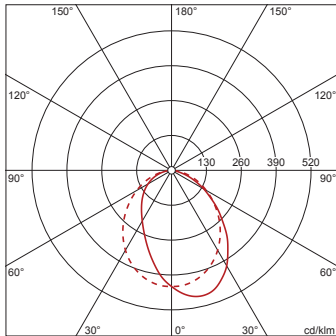
Product description: Mod-RS,LI,asy,LED8000lm840,DALI,wh,5su



Modario® RSLuminaire insert, length: 1.495mm, width: 75mm, LED light colour: 840, control gear: DALI, control gear: ECG DALI, with plug, 5-pole, with phase selection, mains connection: 230V, AC/DC, 0/50..60Hz, primary anti-glare with High Definition Primitives (HDP®), primary optical cover: prismatic diffuser, of PMMA, light emission: direct distribution, primary light characteristic: asymmetric, protection rating (complete): IP20, protection rating (LED compartment): IP40, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, permissible ambient temperature for indoor applications: -25..+45°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

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5TR214D2V4080

LED 4000K / CRI ≥ 80 Φ_h 8000 lm



Lamps: LED
Wt. (kg): 3.0
GTIN (EAN): 4050737970868

siteco AN OSRAM BUSINESS 5TR214D2V4080

The luminaire contains built-in LED lamps

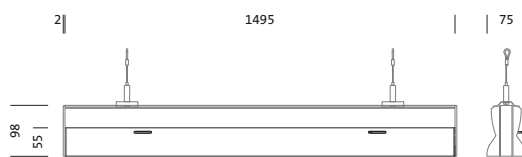
A++
A+
A
B
C
D
E

} LED

X

The LED-lamps cannot be changed in the luminaire

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Detailed technical description: Mod-RS,LI,asy,LED8000lm840,DALI,wh,5su



Key data

- Product type: luminaire insert
- Family: Modario® RS
- Order No.: 5TR214D2V4080

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Cover: prismatic diffuser, prismatic structure
- Glare reduction: High Definition Prismatics (HDP®)
- Symmetry: asymmetric distribution
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Rated luminous flux: 8000lm
- Luminous efficacy: 110lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- Rated input power: 72W

Operating device:

- Control gear: ECG DALI
- Control: DALI

Material | Colour

- RS LED insert: aluminium, coated, pure white, 5x system unit, for tool-free mounting of luminaire in Modario® trunking rail, mounting via twist lock catches with metal catch
- Cover: prismatic diffuser of PMMA

Mounting

- Arrangement: single/continuous arrangement

Electrical connection

- Connection: plug, 5-pole, with phase selection
- Nominal voltage: 230V, AC/DC, 220..240V, 0/50..60Hz

Dimensions | Weight

- System units: 5x SE
- Length: 1495mm
- Width: 75mm
- Weight: 3.0kg

Certificates | Standards

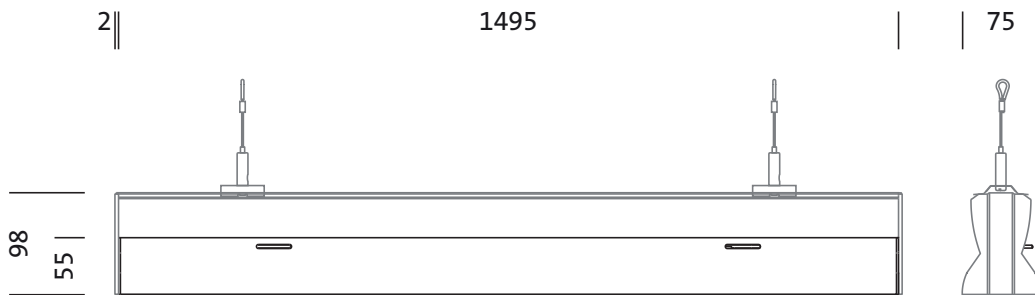
- Protection rating: IP20
- Protection rating (lamp compartment): IP40
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK03
- Permissible ambient temperature: -25..+45°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting
- Certification, designation: CE, ENEC, VDE

Service life

- Rated life: 70000h (L90/B50) at AT = 25°C

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Dimensions: Mod-RS,LI,asy,LED8000lm840,DALI,wh,5su

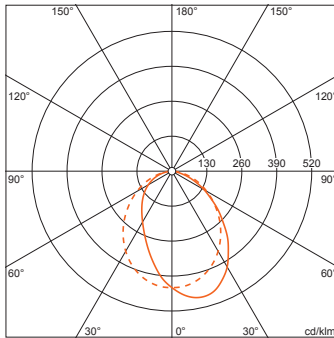


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Planning data: Mod-RS,LI,asy,LED8000lm840,DALI,wh,5su

5TR214D2V4080: 1x LED
4000K / CRI ≥ 80

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 LED 4000K / CRI ≥ 80 ϕ_N 8000 lm



ϕ_{\downarrow} 100% ϕ_{\uparrow} 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	7114	16090
L ₇₀	15286	20064
L ₆₅	18186	21551

UGR 26 27.1
 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)	20 m ²	30 m ²	40 m ²	50 m ²	75 m ²
3.0	0.4	0.6	0.9	1.3	1.7	2.2
5.0	0.7	1.1	1.7	2.6	3.5	4.6
3.0	0.8	1.2	1.8	2.6	3.5	4.6
5.0	1.4	2.2	3.5	4.6	6.6	8.7
3.0	2.1	3.5	4.6	6.6	8.7	11
5.0	3.5	4.6	6.6	8.7	11	15
3.0	4.6	6.6	8.7	11	15	17
5.0	6.5	8.7	11	15	17	21
3.0	8.7	11	15	17	21	26
5.0	11	15	17	21	26	37
3.0	15	17	21	26	37	42
5.0	21	26	37	42	50	65

Maintenance factor 0.8 Rh = Lh