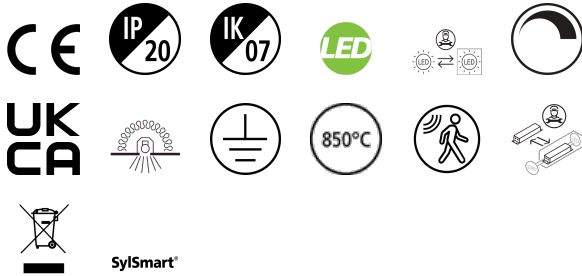


RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE

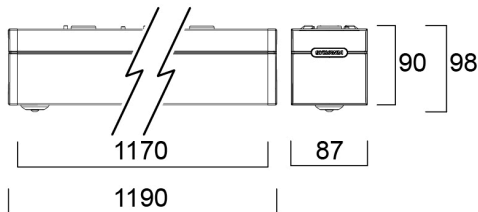
Item No: 0044928



Surface or Suspended LED Linear luminaire with Micro Prismatic Optic, Dimensions: 1190mm x 87mm x 87mm, Direct, White Body, SylSmart Connected capable, Electric Class 1, Neutral White LED (4000K), 3100lm, 31W, 100lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<21, L90B10 at 50,000 hours, Glow Wire Test 850°C. Due to DALI + SSA set up the luminaire can control up to 3 normal DALI luminaires.

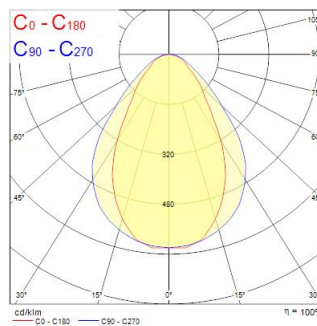
Technical Assets

Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|-------------------|------------------|
| 0.5 | 0.90 0.61 | 0.71 | 0.50 | 7600 |
| | | E10° | E19° | 1500 |
| | | E10° | E19° | 2400 |
| 1.0 | 1.79 1.23 | 1.42 | 1.00 | 1920 |
| | | E10° | E19° | 390 |
| | | E10° | E19° | 600 |
| 1.5 | 2.69 1.84 | 2.13 | 1.50 | 854 |
| | | E10° | E19° | 170 |
| | | E10° | E19° | 267 |
| 2.0 | 3.59 2.45 | 2.84 | 2.00 | 640 |
| | | E10° | E19° | 90 |
| | | E10° | E19° | 150 |
| 2.5 | 4.49 3.06 | 3.55 | 2.50 | 517 |
| | | E10° | E19° | 64 |
| | | E10° | E19° | 98 |
| 3.0 | 5.39 3.68 | 4.26 | 3.00 | 410 |
| | | E10° | E19° | 44 |
| | | E10° | E19° | 67 |



RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE

Item No: 0044928

SYLVANIA

General data

| | |
|---|--|
| Product name | RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling surface mounting |
| Built in presence detector | PIR |
| General application | Education, Office |
| Operating temperature range (°C) | -5°C...+25°C |
| Performance ambient temperature Tq (°C) | 25 |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 3100 |
| Luminaire efficacy (lm/W) | 100 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Distribution type | Symmetric |
| Glare control | < 21 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 31 |
| Supply current (A) | 0.14 |
| Primary Supply/Product voltage - min (V) | 198.0 |
| Primary Supply/Product voltage - max (V) | 264.0 |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Dimming method | SylSmart Connected (SSA) |
| Drive current (mA) | 300 |
| Inrush Current (A) | 18 |
| Inrush Duration (µs) | 175 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 21 |
| Max. products per 13A C Breaker | 28 |
| Max. products per 16A C Breaker | 35 |
| Max. products per 20A C Breaker | 45 |
| Max. products per 10A B Breaker | 13 |
| Max. products per 13A B Breaker | 17 |
| Max. products per 16A B Breaker | 21 |
| Max. products per 20A B Breaker | 27 |
| Connectable conductor cross section - Max (mm²) | 2.5 |

RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE

Item No: 0044928

SYLVANIA

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L70 B10 | 72000 |
| Lifespan L80 B50 | 72000 |
| Lifespan L80 B10 | 72000 |
| Lifespan L90 B50 | 72000 |
| Lifespan L90 B20 | 50000 |
| Lifespan L90 B10 | 46000 |

Physical data

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Prismatic |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 1190 |
| Nominal Product Width (mm) | 87 |
| Nominal Product Height (mm) | 87 |
| Weight (kg) | 2.95 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288449289 |
| Packaging single length / height (cm) | 121.5 |
| Packaging single width (cm) | 11.0 |
| Packaging single depth (cm) | 12.0 |
| DUN14 (inner) | 05410288449289 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 121.5 |
| Packaging outer width (cm) | 11.0 |
| Packaging outer depth (cm) | 12.0 |

Safety data

| | |
|----------------------------------|-------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | -5-25 |