

Features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x47mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x165mm, 1-10V Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 5800lm, 52W, 112lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m2, Lumen Maintenance: L90B10 at 50,000 hours, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

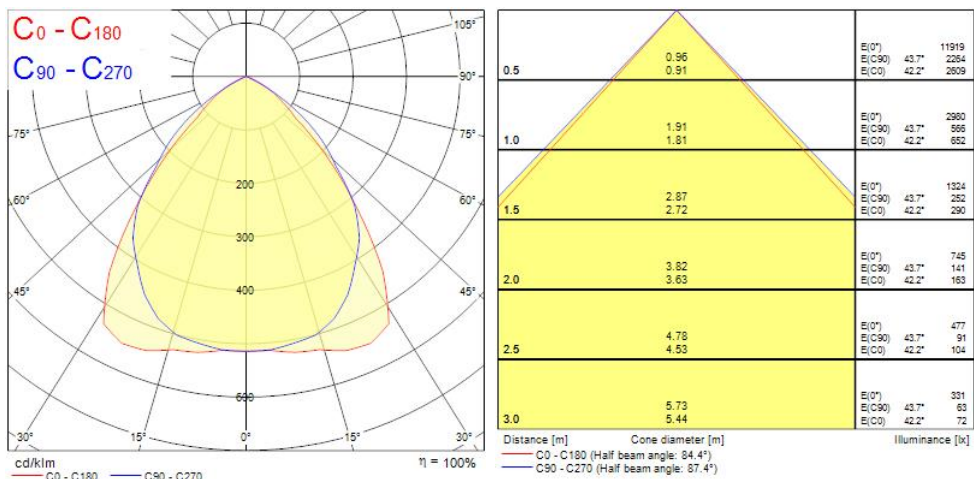
Product Overview

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| Product name                      | RANA LED S 1200 HO 3K LOUV+PRI 1-10 W GEN2 |
| Technology                        | LED                                        |
| Cap/Base                          | N/A                                        |
| Housing                           | Steel                                      |
| Mount                             | Ceiling surface mounting, Suspended        |
| General application               | Office, Hospitality, Retail, Education     |
| ETIM Class                        | EC002892                                   |
| E-number FI                       | 4273662                                    |
| Fixture luminous flux (lm)        | 5800                                       |
| Luminaire efficacy (lm/W)         | 112                                        |
| Correlated colour temperature (k) | 3000                                       |
| Light colour                      | Warm White                                 |
| CRI (Ra)                          | 80                                         |
| Colour Variation Initial (SDCM)   | 3                                          |
| Glare control                     | < 19                                       |
| Photobiological Risk Group        | RG0                                        |
| Total power consumption (W)       | 52                                         |

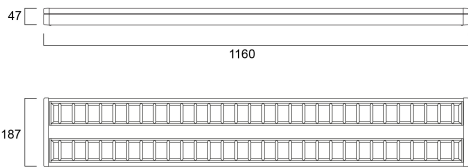
RANA LED S 1200 HO 3K LOUV+PRI 1-10 W GEN2  
0051489

|                           |                             |
|---------------------------|-----------------------------|
| Electrical protection     | Class I                     |
| Control gear type         | LED driver constant current |
| Dimmable                  | Yes                         |
| Minimum dimming level (%) | 10                          |
| Housing colour            | White                       |
| IP rating                 | IP20                        |
| IK rating                 | IK07                        |
| Product EAN number        | 5410288514895               |
| Warranty                  | 5 years                     |
| Dimming method            | 1-10V (Analogue)            |

Photometry



Technical drawings



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Data table

GENERAL DATA

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Product name                            | RANA LED S 1200 HO 3K LOUV+PRI 1-10 W GEN2 |
| Technology                              | LED                                        |
| Cap/Base                                | N/A                                        |
| Housing                                 | Steel                                      |
| Mount                                   | Ceiling surface mounting, Suspended        |
| General application                     | Office, Hospitality, Retail, Education     |
| Performance ambient temperature Tq (°C) | 25                                         |
| ETIM Class                              | EC002892                                   |
| E-number FI                             | 4273662                                    |
| Warranty                                | 5 years                                    |

OPTICAL DATA

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 5800       |
| Luminaire efficacy (lm/W)         | 112        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | 3          |
| Glare control                     | < 19       |
| Photobiological Risk Group        | RG0        |

ELECTRICAL DATA

|                                          |         |
|------------------------------------------|---------|
| Total power consumption (W)              | 52      |
| Primary Supply/Product voltage - min (V) | 220     |
| Primary Supply/Product voltage - max (V) | 240     |
| Lamp power factor                        | 0.95    |
| Electrical protection                    | Class I |
| Control gear required                    | No      |

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|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Control gear type                                        | LED driver constant current |
| Dimmable                                                 | Yes                         |
| Dimming method                                           | 1-10V (Analogue)            |
| Minimum dimming level (%)                                | 10                          |
| Drive current (mA)                                       | 275                         |
| Inrush Current (A)                                       | 45                          |
| Inrush Duration (µs)                                     | 100                         |
| Energy Efficiency Class (A->G) of contained light source | C                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| Max. products per 10A C Breaker                          | 31                          |
| Max. products per 16A C Breaker                          | 51                          |
| Max. products per 20A C Breaker                          | 62                          |
| Max. products per 10A B Breaker                          | 18                          |
| Max. products per 16A B Breaker                          | 30                          |
| Max. products per 20A B Breaker                          | 37                          |
| Connectable conductor cross section - Min (mm²)          | 2.5                         |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 50000 |
| Lifespan L70 B10 | 50000 |
| Lifespan L80 B50 | 50000 |
| Lifespan L80 B10 | 50000 |
| Lifespan L90 B50 | 50000 |
| Lifespan L90 B10 | 50000 |

### PHYSICAL DATA

|                 |           |
|-----------------|-----------|
| Housing colour  | White     |
| IP rating       | IP20      |
| IK rating       | IK07      |
| Diffuser finish | Prismatic |



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|                             |                  |
|-----------------------------|------------------|
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1160             |
| Nominal Product Width (mm)  | 187              |
| Nominal Product Height (mm) | 47               |
| Weight (kg)                 | 3.3              |

PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288514895  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (inner)                         | 05410288514895 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 153.5          |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 21.0           |

SAFETY DATA

|                                     |     |
|-------------------------------------|-----|
| Glow Wire Test (°C)                 | 850 |
| Special purpose lamp                | No  |
| Dry applications use only           | No  |
| Suitable for household illumination | No  |