

RANA LED R 600 HO 4K LOUV+PRI W GEN2  
0052415



Features

• Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 595x595x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 570x285mm, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4500lm, 40W, 113lm/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, Glow Wire Test 850°C, Quick and easy electrical connection with direct access to push-connectors on top, 2 x metallic safety cables (1.5m) included, the luminaire can be covered with building insulation of Glass Wool type.

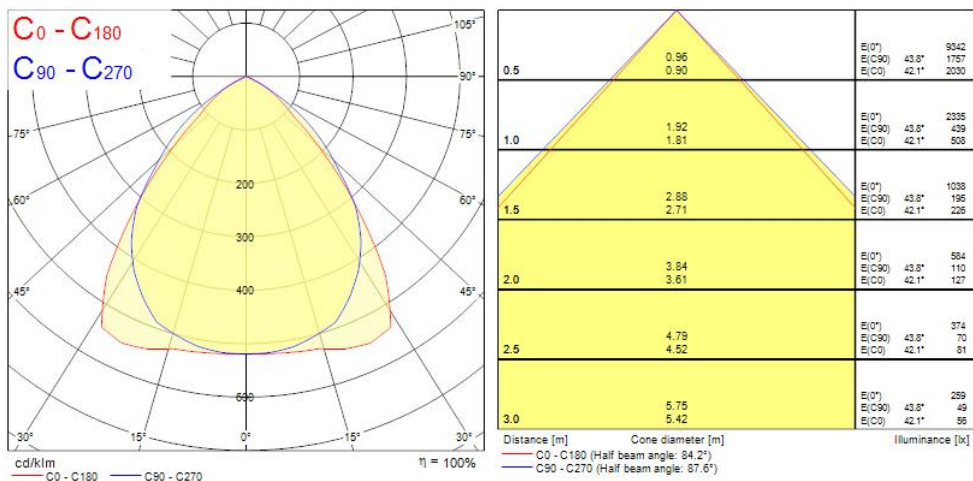
Product Overview

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Product name                      | RANA LED R 600 HO 4K LOUV+PRI W GEN2   |
| Technology                        | LED                                    |
| Cap/Base                          | N/A                                    |
| Housing                           | Steel                                  |
| Mount                             | Ceiling recessed mounting              |
| General application               | Education, Hospitality, Office, Retail |
| ETIM Class                        | EC002892                               |
| E-number FI                       | 4273773                                |
| Fixture luminous flux (lm)        | 4500                                   |
| Luminaire efficacy (lm/W)         | 113                                    |
| Correlated colour temperature (k) | 4000                                   |
| Light colour                      | Neutral White                          |
| CRI (Ra)                          | 80                                     |
| Colour Variation Initial (SDCM)   | 3                                      |
| Glare control                     | < 19                                   |

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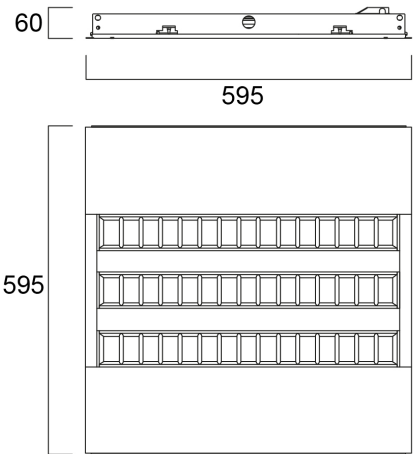
|                             |                             |
|-----------------------------|-----------------------------|
| Photobiological Risk Group  | RG0                         |
| Total power consumption (W) | 40                          |
| Electrical protection       | Class I                     |
| Control gear type           | LED driver constant current |
| Dimmable                    | No                          |
| Housing colour              | White                       |
| IP rating                   | IP20                        |
| IK rating                   | IK07                        |
| Product EAN number          | 5410288524153               |
| Warranty                    | 5 years                     |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | RANA LED R 600 HO 4K LOUV+PRI W GEN2   |
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling recessed mounting              |
| General application                     | Education, Hospitality, Office, Retail |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC002892                               |
| E-number FI                             | 4273773                                |
| Warranty                                | 5 years                                |

OPTICAL DATA

|                                   |      |
|-----------------------------------|------|
| Fixture luminous flux (lm)        | 4500 |
| Luminaire efficacy (lm/W)         | 113  |
| Correlated colour temperature (k) | 4000 |

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|                                 |               |
|---------------------------------|---------------|
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 40                          |
| 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                          |
| Control gear type                                        | LED driver constant current |
| Dimmable                                                 | No                          |
| Drive current (mA)                                       | 275                         |
| Inrush Current (A)                                       | 25                          |
| Inrush Duration (µs)                                     | 280                         |
| Energy Efficiency Class (A->G) of contained light source | C                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| Max. products per 10A C Breaker                          | 23                          |
| Max. products per 13A C Breaker                          | 31                          |
| Max. products per 16A C Breaker                          | 40                          |
| Max. products per 20A C Breaker                          | 50                          |
| Max. products per 10A B Breaker                          | 14                          |
| Max. products per 13A B Breaker                          | 19                          |
| Max. products per 16A B Breaker                          | 24                          |
| Max. products per 20A B Breaker                          | 30                          |
| Connectable conductor cross section - Min (mm²)          | 2.5                         |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

### LIFETIME DATA

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|                  |       |
|------------------|-------|
| 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        |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 595              |
| Nominal Product Width (mm)  | 595              |
| Nominal Product Height (mm) | 60               |
| Weight (kg)                 | 2.852            |
| Recessed Depth (mm)         | 120              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288524153  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (inner)                         | 05410288524153 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 65.0           |

### SAFETY DATA

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



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|                                     |    |
|-------------------------------------|----|
| Suitable for household illumination | No |
|-------------------------------------|----|