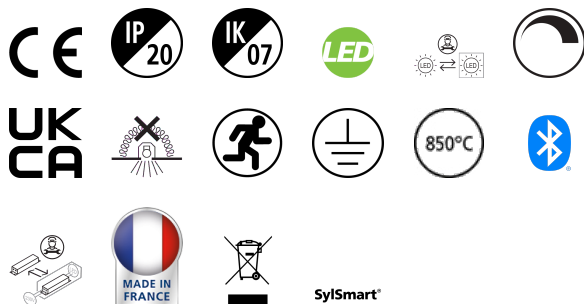


# RANA NEO 7500LM S 1200 840 SSC EM 2L WHITE

Code article 0054245

**SYLVANIA**

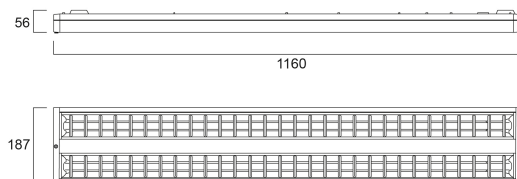
**PRO**<sup>TM</sup>



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, SylSmart Standalone capable, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 7500lm, 60W, 125lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

## Atouts techniques

### Dimensions (mm)

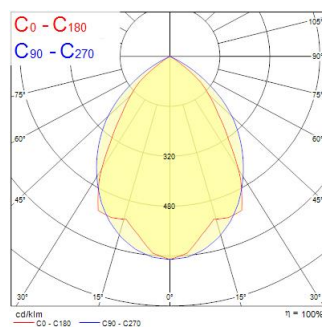


### Photométrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Beam illuminance [lx] |
|--------------|-------------------|----------------|-------------------|----------------|-----------------------|
| 0.5          | 0.90              | 42.0°          | 0.71              | 0.50           | 1500                  |
| 1.0          | 1.80              | 42.0°          | 1.41              | 1.96           | 375                   |
| 1.5          | 2.70              | 42.0°          | 2.12              | 4.49           | 167                   |
| 2.0          | 3.60              | 42.0°          | 2.82              | 7.96           | 94                    |
| 2.5          | 4.50              | 42.0°          | 3.53              | 12.46          | 60                    |
| 3.0          | 5.40              | 42.0°          | 4.23              | 17.82          | 42                    |

Distance [m] Cone diameter [m]  
— C0 - C180 (half beam angle: 70.4°)  
— C90 - C270 (half beam angle: 54.0°)

Illuminance [lx]



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## Données générales

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Nom du produit                          | RANA NEO 7500LM S 1200 840 SSC EM 2L WHITE |
| Technologie                             | LED                                        |
| Cap/Base                                | N/A                                        |
| Housing                                 | Steel                                      |
| Montage                                 | Ceiling surface mounting, Suspended        |
| General application                     | Education, Office                          |
| Operating temperature range (°C)        | 0°C...+25°C                                |
| Performance ambient temperature Tq (°C) | 25                                         |
| Virtual assistant compatibility         | N/A                                        |
| ETIM Class                              | EC002892                                   |
| Warranty                                | 5 ans                                      |

## Données optiques

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 7500          |
| Luminaire efficacy (lm/W)       | 125           |
| Température de couleur (K)      | 4000          |
| Couleur de lumière              | Neutral White |
| IRC (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Glare control                   | < 18          |
| Photobiological Risk Group      | RG0           |
| Luminous flux (emergency) (lm)  | 80            |
| Emergency duration (h)          | 3             |

## Caractéristiques électriques

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Consommation électrique totale (W)                       | 60                          |
| Primary Supply/Product voltage - min (V)                 | 198.0                       |
| Primary Supply/Product voltage - max (V)                 | 264.0                       |
| Lamp power factor                                        | 0.95                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Type d'appareillage                                      | LED driver constant current |
| Dimmable                                                 | Yes                         |
| Dimming method                                           | SylSmart Standalone (SSC)   |
| Drive current (mA)                                       | 300                         |
| Courant d'appel (A)                                      | 23.1                        |
| Inrush Duration (µs)                                     | 174                         |
| 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                          | 18                          |
| Max. products per 13A C Breaker                          | 26                          |
| Max. products per 16A C Breaker                          | 28                          |
| Max. products per 20A C Breaker                          | 34                          |
| Max. products per 10A B Breaker                          | 9                           |
| Max. products per 13A B Breaker                          | 13                          |
| Max. products per 16A B Breaker                          | 14                          |
| Max. products per 20A B Breaker                          | 17                          |

## Durée de vie

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 96000  |

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## Données physiques

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK07                             |
| Diffuser finish             | Opal                             |
| Diffuser material           | PC Polycarbonate                 |
| Longueur (mm)               | 1160                             |
| Largeur (mm)                | 187                              |
| Nominal Product Height (mm) | 47                               |
| Poids (kg)                  | 3.2                              |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5410288542454  |
| Longueur simple de l'emballage (cm)  | 153.5          |
| Largeur simple de l'emballage (cm)   | 6.5            |
| Packaging single depth (cm)          | 21.0           |
| DUN14 (inner)                        | 05410288542454 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 153.5          |
| Packaging outer width (cm)           | 6.5            |
| Packaging outer depth (cm)           | 21.0           |

## Sécurité

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 850 |
|---------------------|-----|