

# RANA NEO 4700LM S 1500 840 CC EM 1L WHITE

Code article 0054253

**SYLVANIA**

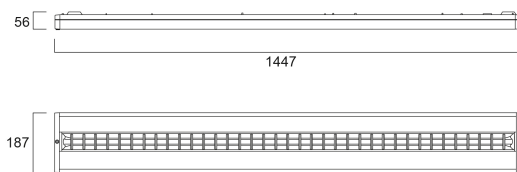
**PRO**<sup>TM</sup>



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1447x187x56mm, White body colour, IP20, IK07, Constant Current, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4700lm, 38W, 123lm/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] | E107 | E108 | E109 | E110 | E111 | E112 | E113 | E114 | E115 | E116 | E117 | E118 | E119 | E120 | Illuminance [lx] |
|--------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 0.5          | 0.90<br>0.67      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1205             |
| 1.0          | 1.80<br>1.34      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 309              |
| 1.5          | 2.70<br>2.02      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1428             |
| 2.0          | 3.60<br>2.69      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 692              |
| 2.5          | 4.50<br>3.36      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 353              |
| 3.0          | 5.40<br>4.03      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 187              |

Distance [m]    Cone diameter [m]    Illuminance [lx]

— C0 - C180 (Half beam angle: 67.5°)  
— C90 - C270 (Half beam angle: 64.0°)



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## Données générales

|   |   |
|---|---|
| Nom du produit                          | RANA NEO 4700LM S 1500 840 CC EM 1L 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  |
| ETIM Class                              | EC002892                                  |
| Warranty                                | 5 ans                                     |

## Données optiques

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 4700          |
| Luminaire efficacy (lm/W)       | 124           |
| 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            |

## Caractéristiques électriques

|  |                                |
|--|--------------------------------|
| Emergency duration (h)   | 3                              |
| Consommation électrique totale (W)                               | 38                             |
| Primary Supply/Product voltage - min (V)                         | 220                            |
| Primary Supply/Product voltage - max (V)                         | 240                            |
| Lamp power factor  | 0.95                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20                             |
| Electrical protection  | Class I                        |
| Control gear required  | No                             |
| Type d'appareillage  | LED driver constant current    |
| Dimmable   | No                             |
| Dimming method   | N/A                            |
| Drive current (mA)   | 300                            |
| Courant d'appel (A)  | 12                             |
| Inrush Duration (µs)   | 25                             |
| Energy Efficiency Class (A->G) of contained light source         | C, C(more than 1 Light Source) |
| Nominal Frequency (Hz)   | 50/60Hz                        |
| LED Flickering Rate  | Ultra low (5% or less)         |
| Max. products per 10A C Breaker                                  | 24                             |
| Max. products per 13A C Breaker                                  | 32                             |
| Max. products per 16A C Breaker                                  | 39                             |
| Max. products per 20A C Breaker                                  | 49                             |
| Max. products per 10A B Breaker                                  | 24                             |
| Max. products per 13A B Breaker                                  | 32                             |
| Max. products per 16A B Breaker                                  | 39                             |
| Max. products per 20A B Breaker                                  | 49                             |
| <b>Durée de vie</b>  |                                |
| 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)               | 1440                             |
| Largeur (mm)                | 187                              |
| Nominal Product Height (mm) | 47                               |
| Poids (kg)                  | 4.2                              |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5410288542539  |
| Longueur simple de l'emballage (cm)  | 153.5          |
| Largeur simple de l'emballage (cm)   | 6.5            |
| Packaging single depth (cm)          | 21.0           |
| DUN14 (inner)                        | 05410288542539 |
| 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 |
|---------------------|-----|