

RANA NEO 3800LM S 1200 840 CC EM 1L WHITE

Code article 0054229

SYLVANIA

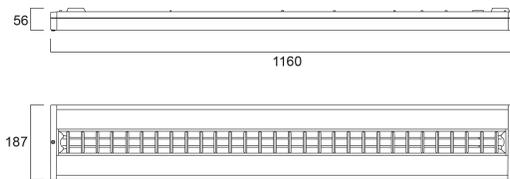
PROTM



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, Constant Current, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3800lm, 31W, 122lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, 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

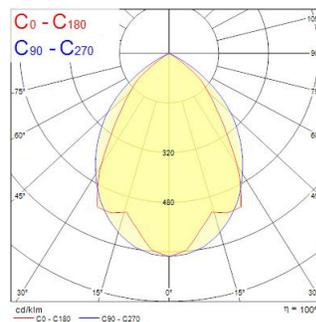
Dimensions (mm)



Photométrie

| Distance [m] | Cone diameter [m] | E107 | E100 | E150 | E180 | E270 | E315 | E360 | E450 | Elluminance [lx] |
|--------------|-------------------|------|------|------|------|------|------|------|------|------------------|
| 0.5 | 0.90 0.70 | 9951 | 2088 | 1392 | 995 | 622 | 441 | 331 | 259 | 2752 |
| 1.0 | 1.79 1.41 | 2488 | 515 | 336 | 249 | 158 | 110 | 82 | 65 | 682 |
| 1.5 | 2.68 2.11 | 1108 | 229 | 150 | 111 | 71 | 52 | 39 | 31 | 294 |
| 2.0 | 3.58 2.81 | 622 | 130 | 86 | 62 | 41 | 30 | 22 | 17 | 171 |
| 2.5 | 4.48 3.51 | 398 | 82 | 54 | 39 | 26 | 19 | 14 | 11 | 109 |
| 3.0 | 5.38 4.22 | 275 | 57 | 38 | 27 | 18 | 13 | 10 | 8 | 78 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 70.2°)
 — C90 - C270 (Half beam angle: 53.8°)



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Données générales

| | |
|---|---|
| Nom du produit | RANA NEO 3800LM S 1200 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) | 3800 |
| Luminaire efficacy (lm/W) | 123 |
| Température de couleur (K) | 4000 |
| Couleur de lumière | Neutral White |
| IRC (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |
| Luminous flux (emergency) (lm) | 80 |
| Emergency duration (h) | 3 |

Caractéristiques électriques

| | |
|--|-----------------------------|
| Consommation électrique totale (W) | 31 |
| Primary Supply/Product voltage - min (V) | 220 |
| Primary Supply/Product voltage - max (V) | 240 |
| Lamp power factor | 0.97 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15 |
| 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) | 5.5 |
| Inrush Duration (µs) | 20 |
| 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 | 41 |
| Max. products per 13A C Breaker | 53 |
| Max. products per 16A C Breaker | 65 |
| Max. products per 20A C Breaker | 82 |
| Max. products per 10A B Breaker | 41 |
| Max. products per 13A B Breaker | 53 |
| Max. products per 16A B Breaker | 65 |
| Max. products per 20A B Breaker | 82 |

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) | 3.5 |

Emballage

| | |
|--------------------------------------|----------------|
| Product EAN number | 5410288542294 |
| Longueur simple de l'emballage (cm) | 153.5 |
| Largeur simple de l'emballage (cm) | 6.5 |
| Packaging single depth (cm) | 21.0 |
| DUN14 (inner) | 05410288542294 |
| 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 |
|---------------------|-----|