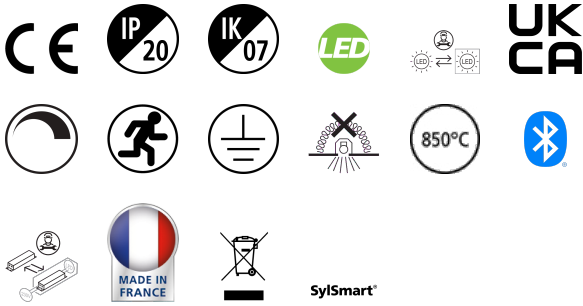


RANA NEO 3800LM S 1200 840 SSC EM 1L WHITE

Code article 0054233

SYLVANIA

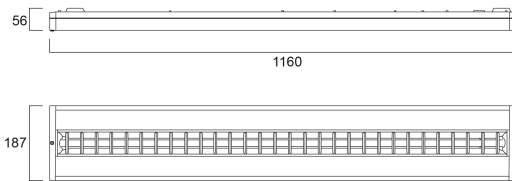
PROTM



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, 3800lm, 32W, 118lm/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

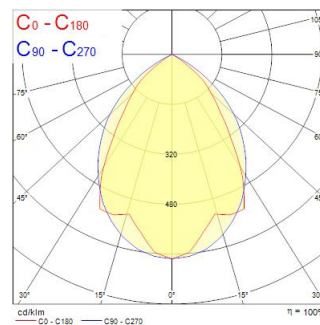
Dimensions (mm)



Photométrie

| Distance [m] | Cone diameter [m] | E10° | E15° | E30° | E45° | E60° | E75° | E90° | ILLUMINANCE [lx] |
|--------------|-------------------|------|------|------|------|------|------|------|------------------|
| 0.5 | 0.90 0.70 | 991 | 208 | 252 | 115 | 62 | 35 | 21 | 208 |
| 1.0 | 1.79 1.41 | 248 | 115 | 141 | 62 | 35 | 21 | 13 | 51 |
| 1.5 | 2.68 2.11 | 116 | 51 | 62 | 35 | 21 | 13 | 8 | 22 |
| 2.0 | 3.58 2.81 | 52 | 22 | 27 | 13 | 8 | 5 | 4 | 11 |
| 2.5 | 4.48 3.51 | 29 | 13 | 16 | 8 | 5 | 3 | 2 | 7 |
| 3.0 | 5.38 4.22 | 17 | 8 | 10 | 5 | 3 | 2 | 1 | 4 |

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 SSC EM 1L WHITE |
| Technologie | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Montage | Ceiling surface mounting, Suspended |
| Built in presence detector | NONE |
| General application | Office, Education |
| Operating temperature range (°C) | 5°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) | 3800 |
| Luminaire efficacy (lm/W) | 119 |
| Température de couleur (K) | 4000 |
| Couleur de lumière | Neutral White |
| IRC (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |
| Luminous flux (emergency) (lm) | 80 |

Caractéristiques électriques

| | |
|--|-----------------------------|
| Emergency mode | Non-maintained |
| Emergency type | |
| Emergency duration (h) | 3 |
| Consommation électrique totale (W) | 32 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10 |
| Electrical protection | Class I |
| Control gear required | No |
| Type d'appareillage | LED driver constant current |
| Dimmable | Yes |
| Dimming method | SylSmart Standalone (SSC) |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 600 |
| Courant d'appel (A) | 20 |
| Inrush Duration (µs) | 25 |
| 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 | 57 |
| Max. products per 13A C Breaker | 71 |
| Max. products per 16A C Breaker | 93 |
| Max. products per 20A C Breaker | 114 |
| Max. products per 10A B Breaker | 35 |
| Max. products per 13A B Breaker | 45 |
| Max. products per 16A B Breaker | 55 |
| Max. products per 20A B Breaker | 68 |
| Connectable conductor cross section - Min (mm ²) | 0.75 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

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Durée de vie

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

Données physiques

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Opal |
| Diffuser material | PC Polycarbonate |
| Finition réflecteur | Not Applicable |
| Longueur (mm) | 1160 |
| Largeur (mm) | 187 |
| Nominal Product Height (mm) | 47 |
| Poids (kg) | 3.5 |

Emballage

| | |
|--------------------------------------|----------------|
| Product EAN number | 5410288542331 |
| Longueur simple de l'emballage (cm) | 153.5 |
| Largeur simple de l'emballage (cm) | 6.5 |
| Packaging single depth (cm) | 21.0 |
| DUN14 (inner) | 05410288542331 |
| 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 |
| Condition de fonctionnement optimal (° C) | 5-25 |