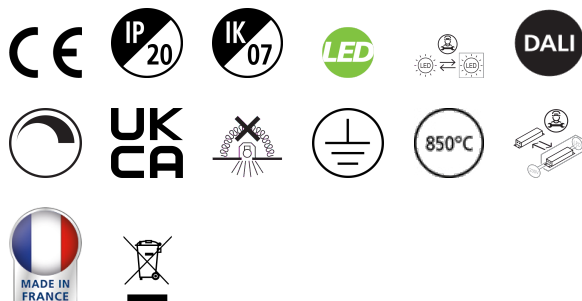


# RANA NEO 3300LM S 600 830 DALI 2L WHITE

Code article 0054212

**SYLVANIA**

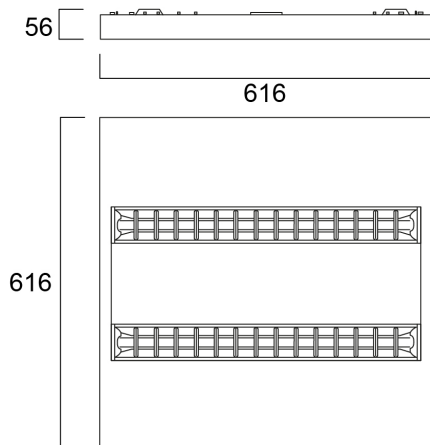
**PRO**<sup>TM</sup>



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x56mm, White body colour, IP20, IK07, DALI Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3300lm, 31W, 106lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<15, 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.

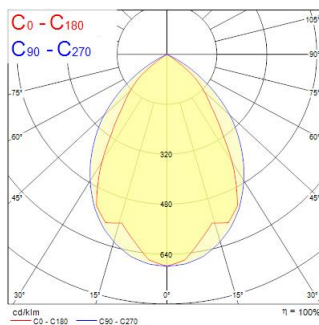
## Atouts techniques

### Dimensions (mm)



### Photométrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam diameter [ft] | Beam diameter [in] | Illuminance [lx] |
|--------------|-------------------|----------------|-------------------|--------------------|--------------------|------------------|
| 0.5          | 0.89              | 61°            | 1.78              | 5'10"              | 51"                | 9000             |
| 1.0          | 1.78              | 61°            | 3.56              | 11'8"              | 102"               | 2270             |
| 1.5          | 2.66              | 61°            | 5.34              | 17'6"              | 153"               | 1010             |
| 2.0          | 3.55              | 61°            | 7.11              | 23'4"              | 204"               | 585              |
| 2.5          | 4.44              | 61°            | 8.88              | 29'2"              | 255"               | 364              |
| 3.0          | 5.33              | 61°            | 10.66             | 35'0"              | 306"               | 250              |
| 4.0          | 7.11              | 61°            | 14.22             | 46'8"              | 408"               | 150              |
| 5.0          | 8.90              | 61°            | 17.78             | 58'6"              | 510"               | 90               |
| 6.0          | 10.66             | 61°            | 21.33             | 70'4"              | 612"               | 58               |
| 7.0          | 12.44             | 61°            | 24.89             | 82'2"              | 714"               | 42               |
| 8.0          | 14.22             | 61°            | 28.44             | 94'0"              | 816"               | 32               |
| 9.0          | 16.00             | 61°            | 32.00             | 105'8"             | 918"               | 25               |
| 10.0         | 17.78             | 61°            | 35.56             | 117'6"             | 1020"              | 20               |
| 11.0         | 19.56             | 61°            | 39.11             | 129'4"             | 1122"              | 16               |
| 12.0         | 21.33             | 61°            | 42.67             | 141'2"             | 1224"              | 13               |
| 13.0         | 23.11             | 61°            | 46.22             | 153'0"             | 1326"              | 11               |
| 14.0         | 24.89             | 61°            | 49.78             | 164'8"             | 1428"              | 9                |
| 15.0         | 26.66             | 61°            | 53.33             | 176'6"             | 1530"              | 8                |
| 16.0         | 28.44             | 61°            | 56.89             | 188'4"             | 1632"              | 7                |
| 17.0         | 30.22             | 61°            | 60.44             | 199'2"             | 1734"              | 6                |
| 18.0         | 32.00             | 61°            | 64.00             | 211'0"             | 1836"              | 5                |
| 19.0         | 33.78             | 61°            | 67.56             | 222'8"             | 1938"              | 4                |
| 20.0         | 35.56             | 61°            | 71.11             | 234'6"             | 2040"              | 4                |
| 21.0         | 37.33             | 61°            | 74.67             | 246'4"             | 2142"              | 3                |
| 22.0         | 39.11             | 61°            | 78.22             | 258'2"             | 2244"              | 3                |
| 23.0         | 40.89             | 61°            | 81.78             | 270'0"             | 2346"              | 3                |
| 24.0         | 42.67             | 61°            | 85.33             | 281'8"             | 2448"              | 2                |
| 25.0         | 44.44             | 61°            | 88.89             | 293'6"             | 2550"              | 2                |
| 26.0         | 46.22             | 61°            | 92.44             | 305'4"             | 2652"              | 2                |
| 27.0         | 48.00             | 61°            | 96.00             | 317'2"             | 2754"              | 2                |
| 28.0         | 49.78             | 61°            | 99.56             | 329'0"             | 2856"              | 2                |
| 29.0         | 51.56             | 61°            | 103.11            | 340'8"             | 2958"              | 2                |
| 30.0         | 53.33             | 61°            | 106.67            | 352'6"             | 3060"              | 2                |
| 31.0         | 55.11             | 61°            | 110.22            | 364'4"             | 3162"              | 2                |
| 32.0         | 56.89             | 61°            | 113.78            | 376'2"             | 3264"              | 2                |
| 33.0         | 58.67             | 61°            | 117.33            | 388'0"             | 3366"              | 2                |
| 34.0         | 60.44             | 61°            | 120.89            | 399'8"             | 3468"              | 2                |
| 35.0         | 62.22             | 61°            | 124.44            | 411'6"             | 3570"              | 2                |
| 36.0         | 64.00             | 61°            | 128.00            | 423'4"             | 3672"              | 2                |
| 37.0         | 65.78             | 61°            | 131.56            | 435'2"             | 3774"              | 2                |
| 38.0         | 67.56             | 61°            | 135.11            | 447'0"             | 3876"              | 2                |
| 39.0         | 69.33             | 61°            | 138.67            | 458'8"             | 3978"              | 2                |
| 40.0         | 71.11             | 61°            | 142.22            | 470'6"             | 4080"              | 2                |
| 41.0         | 72.89             | 61°            | 145.78            | 482'4"             | 4182"              | 2                |
| 42.0         | 74.67             | 61°            | 149.33            | 494'2"             | 4284"              | 2                |
| 43.0         | 76.44             | 61°            | 152.89            | 506'0"             | 4386"              | 2                |
| 44.0         | 78.22             | 61°            | 156.44            | 517'8"             | 4488"              | 2                |
| 45.0         | 80.00             | 61°            | 160.00            | 529'6"             | 4590"              | 2                |
| 46.0         | 81.78             | 61°            | 163.56            | 541'4"             | 4692"              | 2                |
| 47.0         | 83.56             | 61°            | 167.11            | 553'2"             | 4794"              | 2                |
| 48.0         | 85.33             | 61°            | 170.67            | 565'0"             | 4896"              | 2                |
| 49.0         | 87.11             | 61°            | 174.22            | 576'8"             | 4998"              | 2                |
| 50.0         | 88.89             | 61°            | 177.78            | 588'6"             | 5100"              | 2                |
| 51.0         | 90.67             | 61°            | 181.33            | 599'4"             | 5202"              | 2                |
| 52.0         | 92.44             | 61°            | 184.89            | 611'2"             | 5304"              | 2                |
| 53.0         | 94.22             | 61°            | 188.44            | 623'0"             | 5406"              | 2                |
| 54.0         | 96.00             | 61°            | 192.00            | 634'8"             | 5508"              | 2                |
| 55.0         | 97.78             | 61°            | 195.56            | 646'6"             | 5610"              | 2                |
| 56.0         | 99.56             | 61°            | 199.11            | 658'4"             | 5712"              | 2                |
| 57.0         | 101.33            | 61°            | 202.67            | 670'2"             | 5814"              | 2                |
| 58.0         | 103.11            | 61°            | 206.22            | 682'0"             | 5916"              | 2                |
| 59.0         | 104.89            | 61°            | 209.78            | 693'8"             | 6018"              | 2                |
| 60.0         | 106.67            | 61°            | 213.33            | 705'6"             | 6120"              | 2                |
| 61.0         | 108.44            | 61°            | 216.89            | 717'4"             | 6222"              | 2                |
| 62.0         | 110.22            | 61°            | 220.44            | 729'2"             | 6324"              | 2                |
| 63.0         | 112.00            | 61°            | 224.00            | 741'0"             | 6426"              | 2                |
| 64.0         | 113.78            | 61°            | 227.56            | 752'8"             | 6528"              | 2                |
| 65.0         | 115.56            | 61°            | 231.11            | 764'6"             | 6630"              | 2                |
| 66.0         | 117.33            | 61°            | 234.67            | 776'4"             | 6732"              | 2                |
| 67.0         | 119.11            | 61°            | 238.22            | 788'2"             | 6834"              | 2                |
| 68.0         | 120.89            | 61°            | 241.78            | 799'0"             | 6936"              | 2                |
| 69.0         | 122.67            | 61°            | 245.33            | 810'8"             | 7038"              | 2                |
| 70.0         | 124.44            | 61°            | 248.89            | 822'6"             | 7140"              | 2                |
| 71.0         | 126.22            | 61°            | 252.44            | 834'4"             | 7242"              | 2                |
| 72.0         | 128.00            | 61°            | 256.00            | 846'2"             | 7344"              | 2                |
| 73.0         | 129.78            | 61°            | 259.56            | 858'0"             | 7446"              | 2                |
| 74.0         | 131.56            | 61°            | 263.11            | 869'8"             | 7548"              | 2                |
| 75.0         | 133.33            | 61°            | 266.67            | 881'6"             | 7650"              | 2                |
| 76.0         | 135.11            | 61°            | 270.22            | 893'4"             | 7752"              | 2                |
| 77.0         | 136.89            | 61°            | 273.78            | 905'2"             | 7854"              | 2                |
| 78.0         | 138.67            | 61°            | 277.33            | 917'0"             | 7956"              | 2                |
| 79.0         | 140.44            | 61°            | 280.89            | 928'8"             | 8058"              | 2                |
| 80.0         | 142.22            | 61°            | 284.44            | 940'6"             | 8160"              | 2                |
| 81.0         | 144.00            | 61°            | 288.00            | 952'4"             | 8262"              | 2                |
| 82.0         | 145.78            | 61°            | 291.56            | 964'2"             | 8364"              | 2                |
| 83.0         | 147.56            | 61°            | 295.11            | 976'0"             | 8466"              | 2                |
| 84.0         | 149.33            | 61°            | 298.67            | 987'8"             | 8568"              | 2                |
| 85.0         | 151.11            | 61°            | 302.22            | 999'6"             | 8670"              | 2                |
| 86.0         | 152.89            | 61°            | 305.78            | 1011'4"            | 8772"              | 2                |
| 87.0         | 154.67            | 61°            | 309.33            | 1023'2"            | 8874"              | 2                |
| 88.0         | 156.44            | 61°            | 312.89            | 1035'0"            | 8976"              | 2                |
| 89.0         | 158.22            | 61°            | 316.44            | 1046'8"            | 9078"              | 2                |
| 90.0         | 160.00            | 61°            | 320.00            | 1058'6"            | 9180"              | 2                |
| 91.0         | 161.78            | 61°            | 323.56            | 1070'4"            | 9282"              | 2                |
| 92.0         | 163.56            | 61°            | 327.11            | 1082'2"            | 9384"              | 2                |
| 93.0         | 165.33            | 61°            | 330.67            | 1094'0"            | 9486"              | 2                |
| 94.0         | 167.11            | 61°            | 334.22            | 1105'8"            | 9588"              | 2                |
| 95.0         | 168.89            | 61°            | 337.78            | 1117'6"            | 9690"              | 2                |
| 96.0         | 170.67            | 61°            | 341.33            | 1129'4"            | 9792"              | 2                |
| 97.0         | 172.44            | 61°            | 344.89            | 1141'2"            | 9894"              | 2                |
| 98.0         | 174.22            | 61°            | 348.44            | 1153'0"            | 9996"              | 2                |
| 99.0         | 176.00            | 61°            | 352.00            | 1164'8"            | 10098"             | 2                |
| 100.0        | 177.78            | 61°            | 355.56            | 1176'6"            | 10200"             | 2                |



# RANA NEO 3300LM S 600 830 DALI 2L WHITE

Code article 0054212

**SYLVANIA**

## Données générales

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Nom du produit                          | RANA NEO 3300LM S 600 830 DALI 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                                      |
| ETIM Class                              | EC002892                                |
| Warranty                                | 5 ans                                   |

## Données optiques

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 3300       |
| Luminaire efficacy (lm/W)       | 106        |
| Température de couleur (K)      | 3000       |
| Couleur de lumière              | Warm White |
| IRC (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | SDCM3      |
| Glare control                   | < 15       |
| Photobiological Risk Group      | RG0        |

## Caractéristiques électriques

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Consommation électrique totale (W)                               | 31                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.96                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                           |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Type d'appareillage                                              | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI                        |
| Drive current (mA)                                               | 300                         |
| Courant d'appel (A)                                              | 22.4                        |
| Inrush Duration (µs)                                             | 176                         |
| 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                                  | 21                          |
| Max. products per 13A C Breaker                                  | 28                          |
| Max. products per 16A C Breaker                                  | 36                          |
| Max. products per 20A C Breaker                                  | 45                          |
| Max. products per 10A B Breaker                                  | 13                          |
| Max. products per 13A B Breaker                                  | 17                          |
| Max. products per 16A B Breaker                                  | 22                          |
| Max. products per 20A B Breaker                                  | 27                          |

## Durée de vie

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

# RANA NEO 3300LM S 600 830 DALI 2L WHITE

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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)               | 616                              |
| Largeur (mm)                | 616                              |
| Nominal Product Height (mm) | 50                               |
| Poids (kg)                  | 5.0                              |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5410288542126  |
| Longueur simple de l'emballage (cm)  | 67.0           |
| Largeur simple de l'emballage (cm)   | 6.5            |
| Packaging single depth (cm)          | 64.5           |
| DUN14 (inner)                        | 05410288542126 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 67.0           |
| Packaging outer width (cm)           | 6.5            |
| Packaging outer depth (cm)           | 64.5           |

## Sécurité

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