

RANA NEO 3500LM S 600 840 DALI 2L WHITE  
0054213



Features

- 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%), Neutral White (4000K) LED Colour Temperature, 3500lm, 31W, 112lm/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.



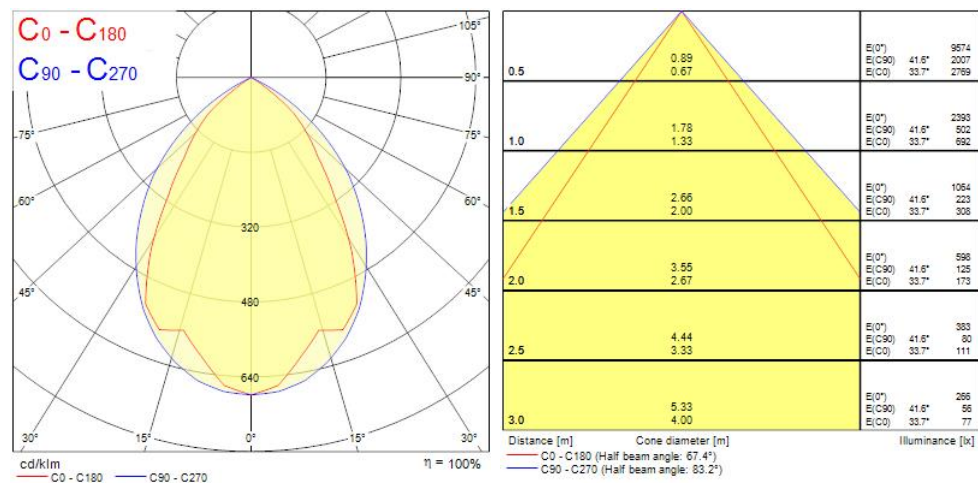
Product Overview

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Product name                    | RANA NEO 3500LM S 600 840 DALI 2L WHITE |
| Technology                      | LED (3 SDCM)                            |
| Cap/Base                        | N/A                                     |
| Housing                         | Steel                                   |
| Mount                           | Ceiling surface mounting, Suspended     |
| Fixture luminous flux (lm)      | 3500                                    |
| Luminaire efficacy (lm/W)       | 113                                     |
| Colour temperature (K)          | 4000                                    |
| Light colour                    | Neutral White                           |
| CRI (Ra)                        | 80                                      |
| Colour Variation Initial (SDCM) | 3                                       |
| Glare control                   | < 15                                    |
| Photobiological Risk Group      | RG0                                     |
| Total power consumption (W)     | 31                                      |
| Electrical protection           | Class I                                 |
| Control gear type               | LED driver constant current             |
| LED Flickering Rate             | Ultra low (5% or less)                  |
| Housing colour                  | RAL 9016 - Traffic white / Bezel        |
| IP rating                       | IP20                                    |
| IK rating                       | IK07                                    |
| Product EAN number              | 5410288542133                           |

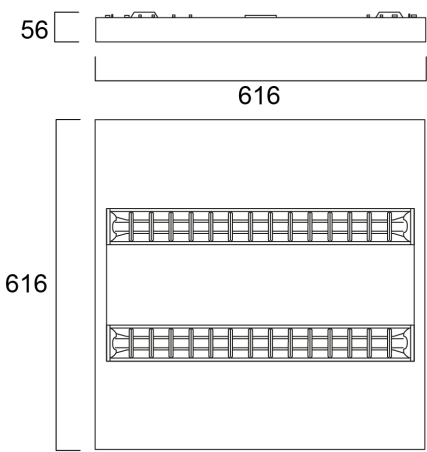
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|          |         |
|----------|---------|
| Warranty | 5 years |
|----------|---------|

Photometry



Technical drawings



Data table

GENERAL DATA

## RANA NEO 3500LM S 600 840 DALI 2L WHITE 0054213

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Product name                            | RANA NEO 3500LM S 600 840 DALI 2L WHITE |
| Technology                              | LED (3 SDCM)                            |
| Cap/Base                                | N/A                                     |
| Housing                                 | Steel                                   |
| Mount                                   | Ceiling surface mounting, Suspended     |
| Operating temperature range (°C)        | 0°C...+25°C                             |
| Performance ambient temperature Tq (°C) | 25                                      |
| Warranty                                | 5 years                                 |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 3500          |
| Luminaire efficacy (lm/W)       | 113           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 15          |
| Photobiological Risk Group      | RG0           |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 31                          |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Lamp power factor                                        | 0.96                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 300                         |
| Inrush Current (A)                                       | 22.4                        |
| Inrush Duration (µs)                                     | 176                         |
| Glow Wire Test (°C)                                      | 850                         |
| Energy Efficiency Class (A->G) of contained light source | C                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |

## RANA NEO 3500LM S 600 840 DALI 2L WHITE 0054213

|                     |                        |
|---------------------|------------------------|
| LED Flickering Rate | Ultra low (5% or less) |
|---------------------|------------------------|

|                                 |    |
|---------------------------------|----|
| Max. products per 10A C Breaker | 21 |
|---------------------------------|----|

|                                 |    |
|---------------------------------|----|
| Max. products per 20A B Breaker | 27 |
|---------------------------------|----|

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
|------------------|--------|

|                  |       |
|------------------|-------|
| Lifespan L80 B20 | 96000 |
|------------------|-------|

### PHYSICAL DATA

|                |                                  |
|----------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
|----------------|----------------------------------|

|           |      |
|-----------|------|
| IP rating | IP20 |
|-----------|------|

|           |      |
|-----------|------|
| IK rating | IK07 |
|-----------|------|

|                 |      |
|-----------------|------|
| Diffuser finish | Opal |
|-----------------|------|

|                   |                  |
|-------------------|------------------|
| Diffuser material | PC Polycarbonate |
|-------------------|------------------|

|                             |     |
|-----------------------------|-----|
| Nominal Product Length (mm) | 616 |
|-----------------------------|-----|

|                            |     |
|----------------------------|-----|
| Nominal Product Width (mm) | 616 |
|----------------------------|-----|

|             |     |
|-------------|-----|
| Weight (kg) | 5.0 |
|-------------|-----|

### PACKAGING

|                       |        |
|-----------------------|--------|
| Single packaging type | Carton |
|-----------------------|--------|

|                    |               |
|--------------------|---------------|
| Product EAN number | 5410288542133 |
|--------------------|---------------|

|                             |     |
|-----------------------------|-----|
| Packaging single width (cm) | 6.5 |
|-----------------------------|-----|

|                             |      |
|-----------------------------|------|
| Packaging single depth (cm) | 64.5 |
|-----------------------------|------|

|               |                |
|---------------|----------------|
| DUN14 (outer) | 05410288542133 |
|---------------|----------------|

|                                      |      |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 67.0 |
|--------------------------------------|------|

### SAFETY DATA

|                      |    |
|----------------------|----|
| Special purpose lamp | No |
|----------------------|----|

|                           |    |
|---------------------------|----|
| Dry applications use only | No |
|---------------------------|----|

|                                     |    |
|-------------------------------------|----|
| Suitable for household illumination | No |
|-------------------------------------|----|