



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x56mm, White body colour, IP20, IK07, Constant Current, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3500lm, 32W, 109lm/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.

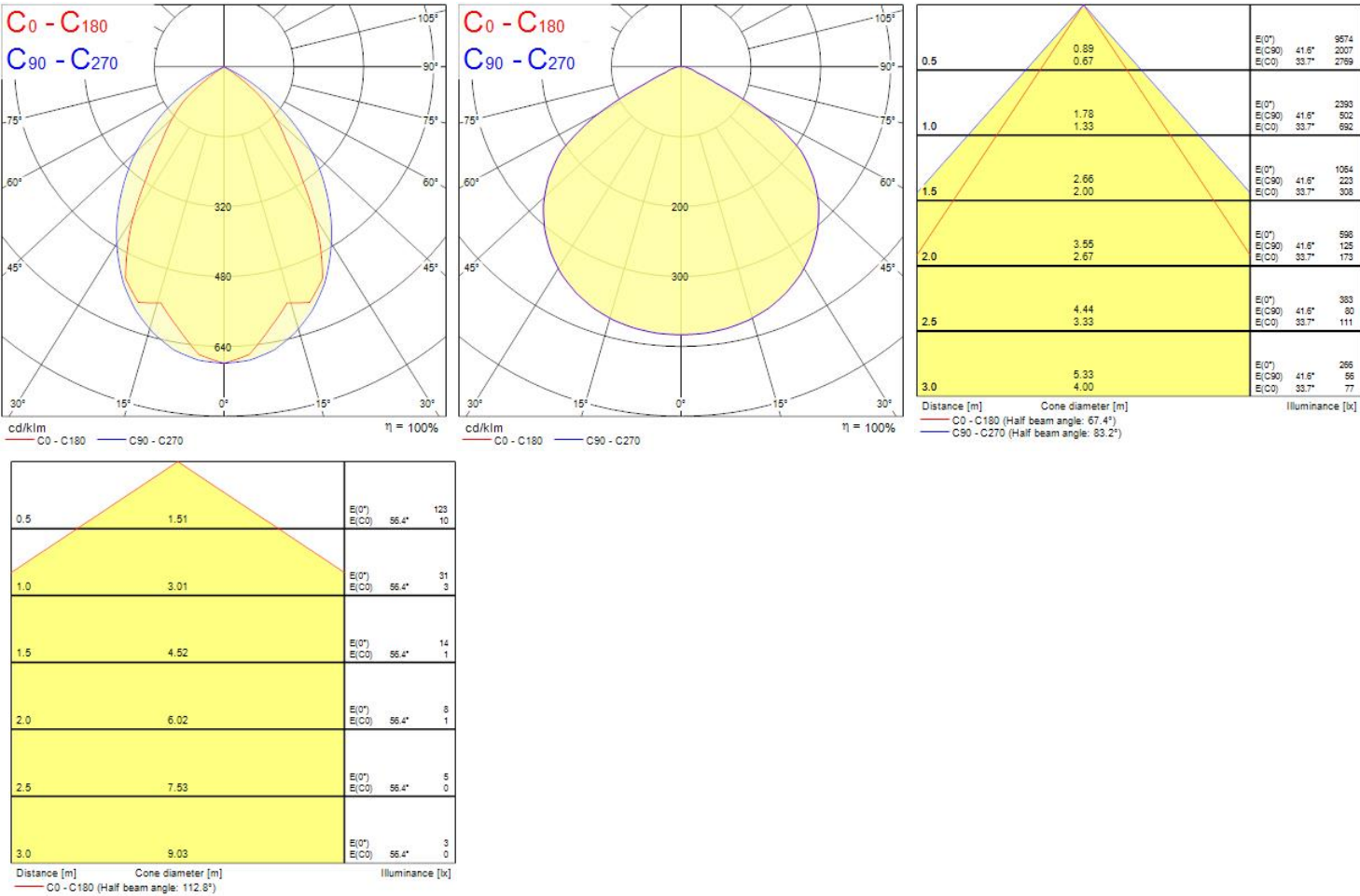
Product Overview

|                                   |                                          |
|-----------------------------------|------------------------------------------|
| Product name                      | RANA NEO 3500LM S 600 840 CC EM 2L WHITE |
| Technology                        | LED (3 SDCM)                             |
| Cap/Base                          | N/A                                      |
| Housing                           | Steel                                    |
| Mount                             | Ceiling surface mounting, Suspended      |
| General application               | Education, Office                        |
| ETIM Class                        | EC002892                                 |
| Fixture luminous flux (lm)        | 3500                                     |
| Luminaire efficacy (lm/W)         | 109                                      |
| Correlated colour temperature (k) | 4000                                     |
| Light colour                      | Neutral White                            |
| CRI (Ra)                          | 80                                       |
| Colour Variation Initial (SDCM)   | 3                                        |
| Glare control                     | < 15                                     |
| Photobiological Risk Group        | RG0                                      |
| Luminous flux (emergency) (lm)    | 80                                       |
| Total power consumption (W)       | 32                                       |
| Electrical protection             | Class I                                  |

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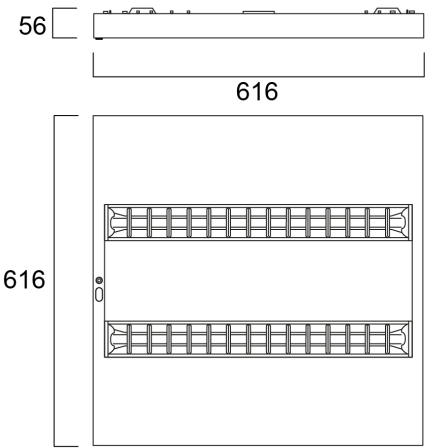
|                     |                             |
|---------------------|-----------------------------|
| Control gear type   | LED driver constant current |
| Dimmable            | No                          |
| LED Flickering Rate | Ultra low (5% or less)      |
| Housing colour      | RAL9016                     |
| IP rating           | IP20                        |
| IK rating           | IK07                        |
| Product EAN number  | 5410288542171               |
| Warranty            | 5 years                     |
| Dimming method      | N/A                         |

Photometry



RANA NEO 3500LM S 600 840 CC EM 2L WHITE  
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Technical drawings



Data table

GENERAL DATA

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| Product name                            | RANA NEO 3500LM S 600 840 CC EM 2L WHITE |
| Technology                              | LED (3 SDCM)                             |
| Cap/Base                                | N/A                                      |
| Housing                                 | Steel                                    |
| Mount                                   | 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 years                                  |

OPTICAL DATA

|                                   |      |
|-----------------------------------|------|
| Fixture luminous flux (lm)        | 3500 |
| Luminaire efficacy (lm/W)         | 109  |
| Correlated colour temperature (k) | 4000 |

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|                                 |               |
|---------------------------------|---------------|
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 15          |
| Photobiological Risk Group      | RG0           |
| Luminous flux (emergency) (lm)  | 80            |
| Emergency duration (h)          | 3             |

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                           | 32                          |
| 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) $\leq$ xx.x % | 15                          |
| Electrical protection                                                 | Class I                     |
| Control gear required                                                 | No                          |
| Control gear type                                                     | LED driver constant current |
| Dimmable                                                              | No                          |
| Dimming method                                                        | N/A                         |
| Drive current (mA)                                                    | 300                         |
| Inrush Current (A)                                                    | 5.5                         |
| Inrush Duration ( $\mu$ s)                                            | 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                          |

## RANA NEO 3500LM S 600 840 CC EM 2L WHITE 0054217

### LIFETIME DATA

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

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Opal             |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 616              |
| Nominal Product Width (mm)  | 616              |
| Nominal Product Height (mm) | 50               |
| Weight (kg)                 | 5.0              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288542171  |
| Packaging single length / height (cm) | 67.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 64.5           |
| DUN14 (inner)                         | 05410288542171 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 67.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 64.5           |

### SAFETY DATA

|                                     |     |
|-------------------------------------|-----|
| Glow Wire Test (°C)                 | 850 |
| Special purpose lamp                | No  |
| Dry applications use only           | No  |
| Suitable for household illumination | No  |