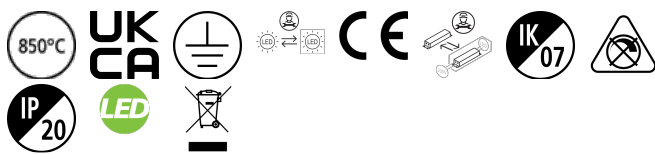


RANA NEO Recessed 1200

RANA NEO 3700LM REC 1200x300 840 CC 1L WHITE

0052589



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | RANA NEO 3700LM REC 1200x300 840 CC 1L WHITE |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 3761 |
| Luminaire efficacy (lm/W) | 125 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Glare control | < 18 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 30 |
| 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 | 5410288525891 |

DATA TABLE

General data

| | |
|--------------|--|
| Product name | RANA NEO 3700LM REC 1200x300 840 CC 1L WHITE |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |

RANA NEO Recessed 1200

RANA NEO 3700LM REC 1200x300 840 CC 1L WHITE

0052589

Performance ambient temperature Tq (°C) 25

Warranty 5 years

Optical data

Fixture luminous flux (lm) 3761

Luminaire efficacy (lm/W) 125

Colour temperature (K) 4000

Light colour Neutral White

CRI (Ra) 80

Colour Variation Initial (SDCM) SDCM3

Glare control < 18

Photobiological Risk Group RG0

Electrical data

Total power consumption (W) 30

Primary Supply/Product voltage - min (V) 220

Lamp power factor 0.97

Electrical protection Class I

Control gear type LED driver constant current

Drive current (mA) 300

Inrush Current (A) 5.5

Inrush Duration (µs) 20

Glow Wire Test (°C) 850

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 20A B Breaker 82

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 Matt/satinized

Diffuser material PC Polycarbonate

Nominal Product Length (mm) 1196

Nominal Product Width (mm) 296

Weight (kg) 5.5

Packaging

Single packaging type Carton

Product EAN number 5410288525891

Packaging single width (cm) 6.5

RANA NEO Recessed 1200

RANA NEO 3700LM REC 1200x300 840 CC 1L WHITE

0052589

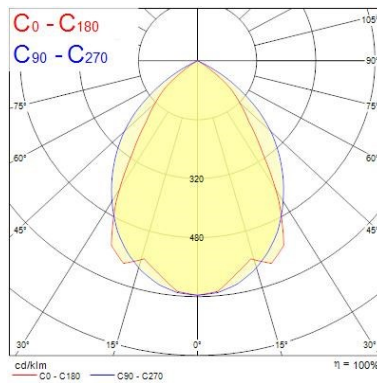
| | |
|--------------------------------------|----------------|
| Packaging single depth (cm) | 32.0 |
| DUN14 (outer) | 05410288525891 |
| Packaging outer length / height (cm) | 124.5 |

PHOTOMETRY

| | | |
|-----|--------------|--|
| 0.5 | 0.91 0.69 | E(I ⁰) 9570 E(C90) 1991 E(C0) 2873 |
| 1.0 | 1.83 1.38 | E(I ⁰) 2390 E(C90) 493 E(C0) 699 |
| 1.5 | 2.74 2.07 | E(I ⁰) 1050 E(C90) 216 E(C0) 297 |
| 2.0 | 3.65 2.76 | E(I ⁰) 596 E(C90) 121 E(C0) 167 |
| 2.5 | 4.57 3.45 | E(I ⁰) 383 E(C90) 77 E(C0) 107 |
| 3.0 | 5.48 4.14 | E(I ⁰) 266 E(C90) 64 E(C0) 74 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 69.2°)
— C90 - C270 (Half beam angle: 84.8°)



TECHNICAL DRAWINGS

