

## RANA NEO Recessed 1200

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

0052591



### PRODUCT OVERVIEW

Product name	RANA NEO 3700LM REC 1200x300 840 DALI 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)	121
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)	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	5410288525914

### DATA TABLE

#### General data

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

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Performance ambient temperature Tq (°C) 25

Warranty 5 years

### Optical data

Fixture luminous flux (lm) 3761

Luminaire efficacy (lm/W) 121

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) 31

Primary Supply/Product voltage - min (V) 220

Lamp power factor 0.96

Electrical protection Class I

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

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 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 5410288525914

Packaging single width (cm) 6.5

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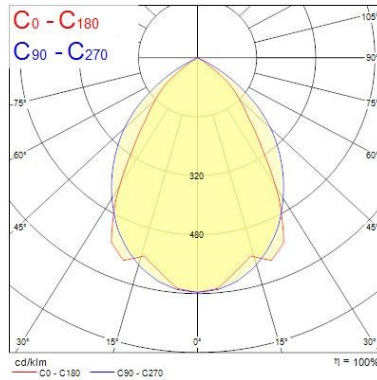
Packaging single depth (cm)	32.0
DUN14 (outer)	05410288525914
Packaging outer length / height (cm)	124.5

### PHOTOMETRY

0.5	0.91 0.69	E(0°) 9570 E(C90) 1901 E(C0) 2873
1.0	1.83 1.38	E(0°) 2390 E(C90) 480 E(C0) 699
1.5	2.74 2.07	E(0°) 1030 E(C90) 216 E(C0) 297
2.0	3.65 2.76	E(0°) 596 E(C90) 121 E(C0) 167
2.5	4.57 3.45	E(0°) 383 E(C90) 77 E(C0) 107
3.0	5.48 4.14	E(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

