

RANA NEO Recessed 1200

RANA NEO 3500LM REC 1200x300 830 CC 1L WHITE

0052588



PRODUCT OVERVIEW

Product name	RANA NEO 3500LM REC 1200x300 830 CC 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Warranty	5 years
Fixture luminous flux (lm)	3572
Luminaire efficacy (lm/W)	119
Colour temperature (K)	3000
Light colour	Warm 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	5410288525884

DATA TABLE

General data

Product name	RANA NEO 3500LM REC 1200x300 830 CC 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
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Performance ambient temperature Tq (°C) 25

Warranty 5 years

Optical data

Fixture luminous flux (lm) 3572

Luminaire efficacy (lm/W) 119

Colour temperature (K) 3000

Light colour Warm 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 5410288525884

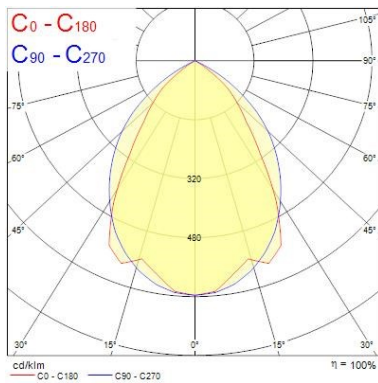
Packaging single width (cm) 6.5

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Packaging single depth (cm)	32.0
DUN14 (outer)	05410288525884
Packaging outer length / height (cm)	124.5

PHOTOMETRY



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.91	E(0°) 9089
	0.69	E(C90) 1834 E(C0) 2538
1.0	1.83	E(0°) 2272
	1.38	E(C90) 459 E(C0) 635
1.5	2.74	E(0°) 1010
	2.07	E(C90) 204 E(C0) 282
2.0	3.65	E(0°) 588
	2.76	E(C90) 118 E(C0) 159
2.5	4.57	E(0°) 364
	3.45	E(C90) 73 E(C0) 102
3.0	5.48	E(0°) 282
	4.14	E(C90) 51 E(C0) 71

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 69.2°)
 C90 - C270 (Half beam angle: 84.8°)

TECHNICAL DRAWINGS

