

RANA NEO Recessed 600

RANA NEO 3500LM REC 600x600 840 CC EM 2L WHITE

0052583



PRODUCT OVERVIEW

Product name	RANA NEO 3500LM REC 600x600 840 CC EM 2L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Warranty	5 years
Fixture luminous flux (lm)	3527
Luminaire efficacy (lm/W)	110
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 15
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Total power consumption (W)	32
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	5410288525839

DATA TABLE

General data

Product name	RANA NEO 3500LM REC 600x600 840 CC EM 2L 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) 3527

Luminaire efficacy (lm/W) 110

Colour temperature (K) 4000

Light colour Neutral White

CRI (Ra) 80

Colour Variation Initial (SDCM) SDCM3

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

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) 595

Nominal Product Width (mm) 595

Weight (kg) 4.5

Packaging

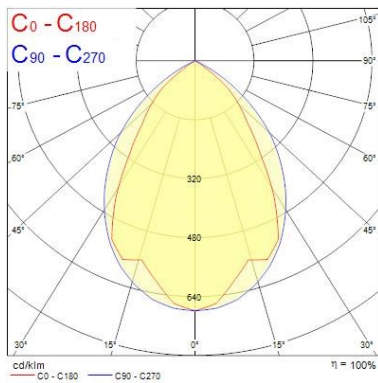
Single packaging type Carton

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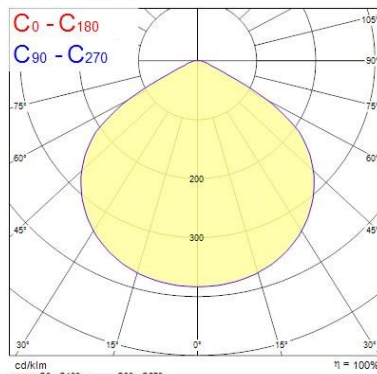
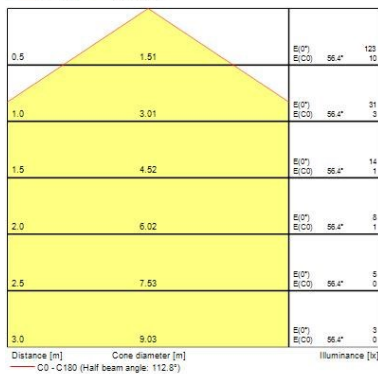
Product EAN number	5410288525839
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288525839
Packaging outer length / height (cm)	62.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	0.89 0.67	41.8° 2007 33.7° 2789	9674 2007 2789
1.0	1.78 1.33	41.8° 802 33.7° 682	2390 802 682
1.5	2.66 2.00	41.8° 223 33.7° 308	1084 223 308
2.0	3.55 2.67	41.8° 155 33.7° 173	596 155 173
2.5	4.44 3.33	41.8° 100 33.7° 111	333 100 111
3.0	5.33 4.00	41.8° 86 33.7° 77	266 86 77

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 67.4°)
 C90 - C270 (Half beam angle: 93.2°)



TECHNICAL DRAWINGS

