

## RANA NEO Recessed 600 SylSmart

RANA NEO 3500LM REC 600x600 840 SSC EM 2L WHITE  
0052587



### PRODUCT OVERVIEW

Product name	RANA NEO 3500LM REC 600x600 840 SSC 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)	106
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)	33
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	5410288525877

### DATA TABLE

#### General data

Product name	RANA NEO 3500LM REC 600x600 840 SSC EM 2L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting

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Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	3527
Luminaire efficacy (lm/W)	106
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)	33
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration (µs)	25
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	57
Max. products per 20A B Breaker	68

### 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

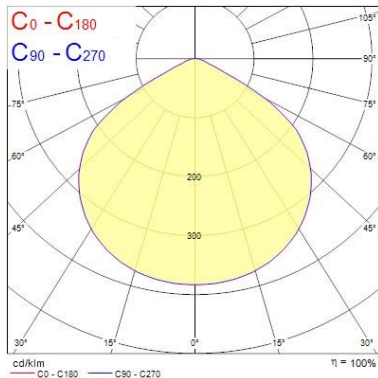
## RANA NEO Recessed 600 SylSmart RANA NEO 3500LM REC 600x600 840 SSC EM 2L WHITE 0052587

Single packaging type	Carton
Product EAN number	5410288525877
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288525877
Packaging outer length / height (cm)	62.0

### Safety data

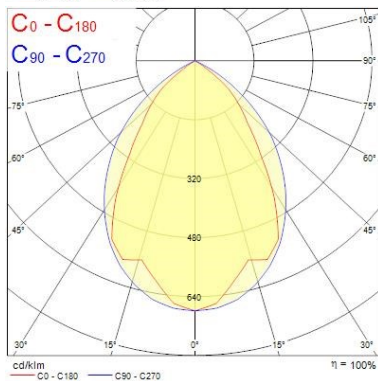
Optimal operating condition (°C)	-5-25
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.89 0.67	9574	41.8° 200°	33.7° 2789	
1.0	1.78 1.33	2390	41.8° 502	33.7° 892	
1.5	2.65 2.00	1054	41.8° 233	33.7° 308	
2.0	3.55 2.67	598	41.8° 125	33.7° 173	
2.5	4.44 3.33	383	41.8° 80	33.7° 111	
3.0	5.33 4.00	266	41.8° 58	33.7° 77	

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 67.4°)  
 C90 - C270 (Half beam angle: 62.2°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.51	133	55.4° 10		
1.0	3.01	31	55.4° 3		
1.5	4.52	14	55.4° 1		
2.0	6.02	8	55.4° 0		
2.5	7.53	5	55.4° 0		
3.0	9.03	3	55.4° 0		

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 112.8°)

## TECHNICAL DRAWINGS

