

Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x56mm, White body colour, IP20, IK07, Constant Current, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3500lm, 32W, 109lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<15, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

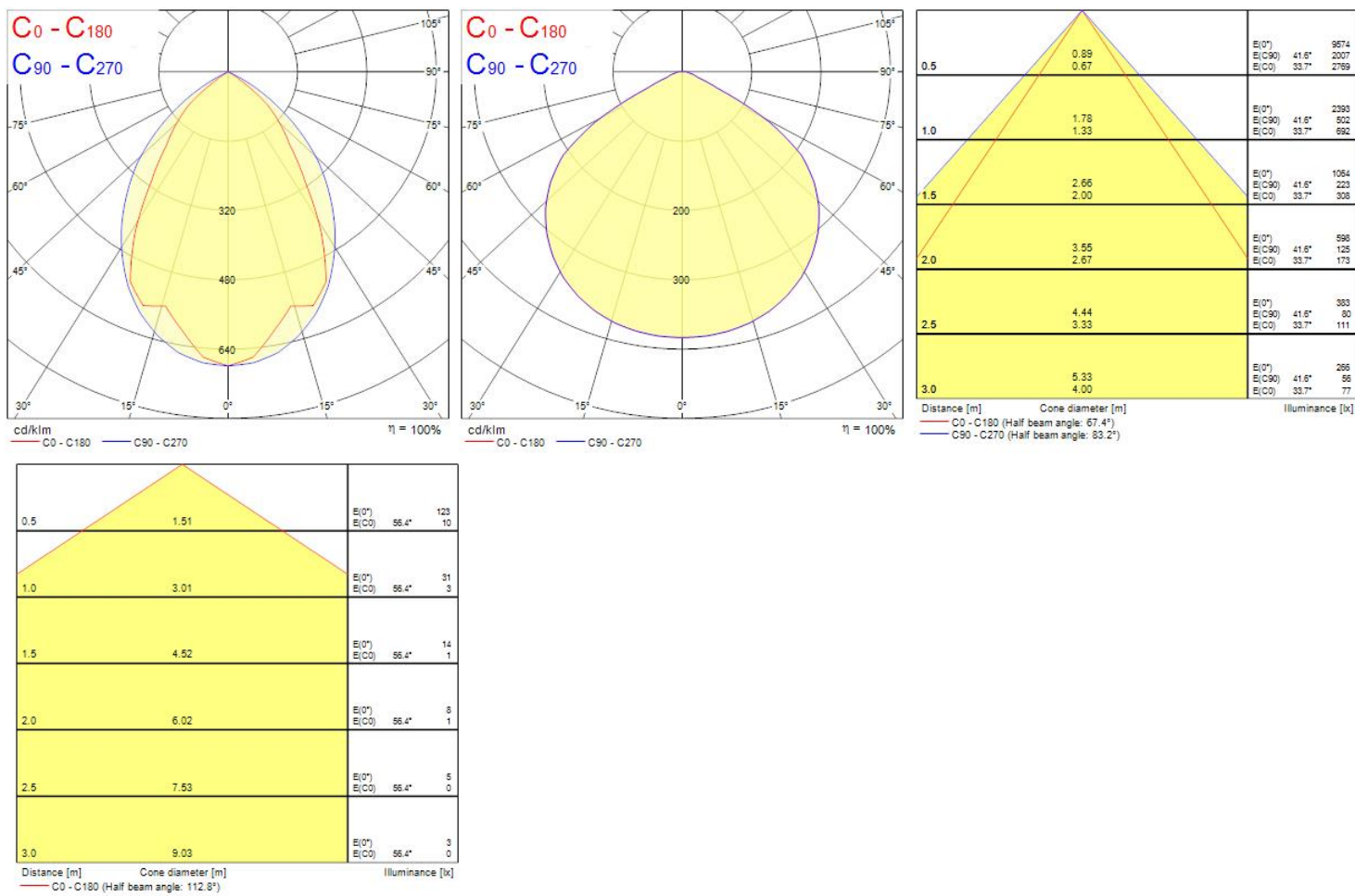
Product Overview

Product name	RANA NEO 3500LM S 600 840 CC EM 2L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	109
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
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)

RANA NEO 3500LM S 600 840 CC EM 2L WHITE
0054217

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288542171
Warranty	5 years

Photometry



C0 - C180
C90 - C270

cd/klm
C0 - C180 C90 - C270
η = 100%

C0 - C180
C90 - C270

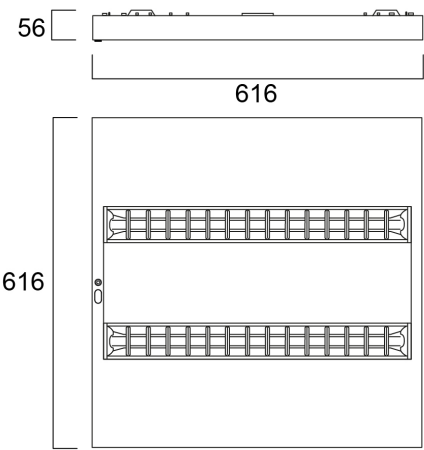
cd/klm
C0 - C180 C90 - C270
η = 100%

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	1.51	E(0°) E(C90) E(C0)	123 10
1.0	3.01	E(0°) E(C90) E(C0)	31 3
1.5	4.52	E(0°) E(C90) E(C0)	14 1
2.0	6.02	E(0°) E(C90) E(C0)	8 1
2.5	7.53	E(0°) E(C90) E(C0)	5 0
3.0	9.03	E(0°) E(C90) E(C0)	3 0

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

RANA NEO 3500LM S 600 840 CC EM 2L WHITE
0054217

Technical drawings



Data table

GENERAL DATA

Product name	RANA NEO 3500LM S 600 840 CC EM 2L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	109
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

RANA NEO 3500LM S 600 840 CC EM 2L WHITE 0054217

Colour Variation Initial (SDCM)	3
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 required	No
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	Opal
Diffuser material	PC Polycarbonate



RANA NEO 3500LM S 600 840 CC EM 2L WHITE
0054217

Nominal Product Length (mm)	616
Nominal Product Width (mm)	616
Weight (kg)	5.0

PACKAGING

Single packaging type	Carton
Product EAN number	5410288542171
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (outer)	05410288542171
Packaging outer length / height (cm)	67.0

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No