



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, SylSmart Standalone capable, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3800lm, 32W, 118lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, 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.

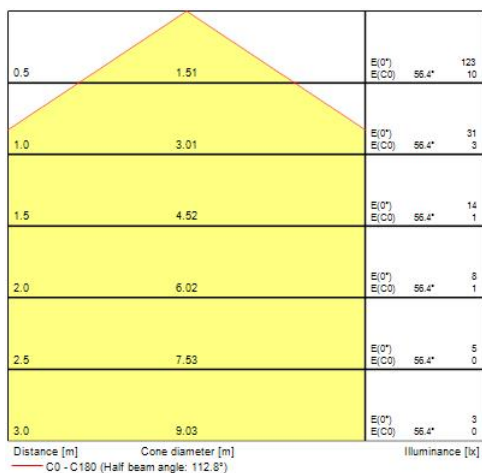
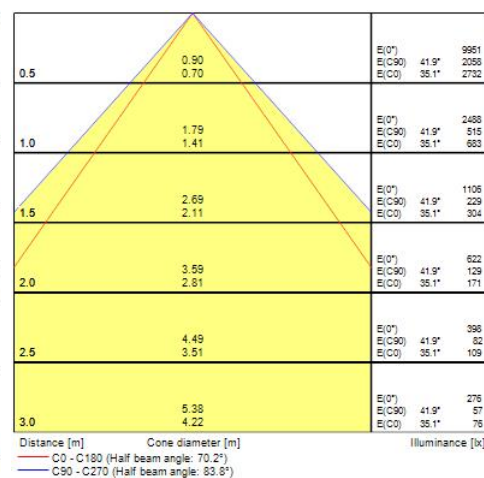
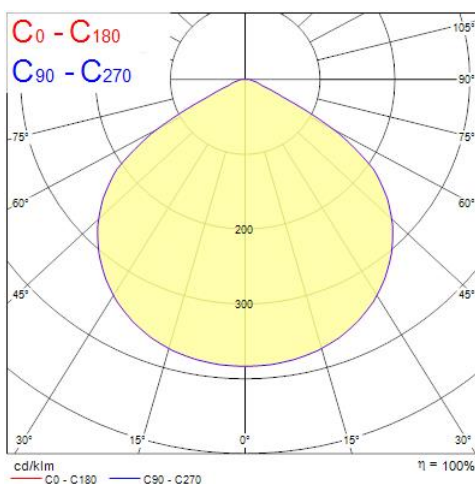
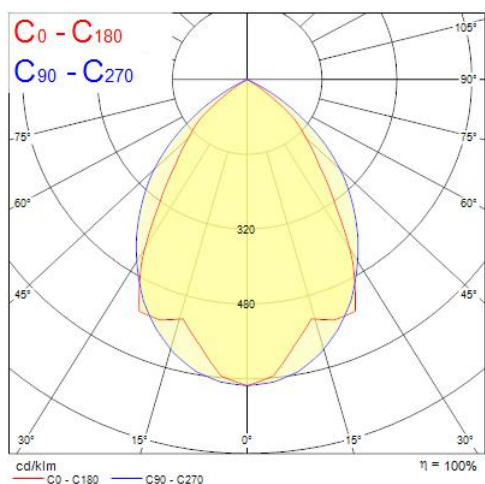
Product Overview

Product name	RANA NEO 3800LM S 1200 840 SSC EM 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture luminous flux (lm)	3800
Luminaire efficacy (lm/W)	119
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
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)

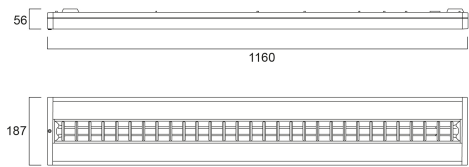
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Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288542331
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	RANA NEO 3800LM S 1200 840 SSC EM 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3800
Luminaire efficacy (lm/W)	119
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80

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Emergency duration (h)	3
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ELECTRICAL DATA

Total power consumption (W)	32
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
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	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1160
Nominal Product Width (mm)	187
Weight (kg)	3.5



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PACKAGING

Single packaging type	Carton
Product EAN number	5410288542331
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (outer)	05410288542331
Packaging outer length / height (cm)	153.5

SAFETY DATA

Optimal operating condition (°C)	-5-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No