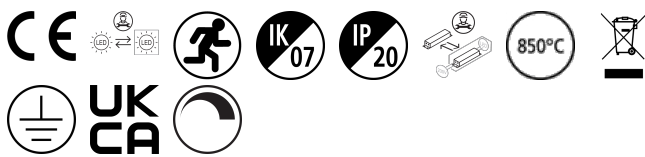


RANA NEO Surface 600 SylSmart
RANA NEO 3500LM S 600 840 SSC EM 2L WHITE
0054221



Product features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x56mm, White body colour, IP20, IK07, SylSmart Standalone capable, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3500lm, 33W, 106lm/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 SSC EM 2L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3500
Luminous flux (lm)	3500
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
Dimmable	Yes
Dimming method	SylSmart SSC
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288542218

DATA TABLE

General data

RANA NEO Surface 600 SylSmart

RANA NEO 3500LM S 600 840 SSC EM 2L WHITE
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Product name	RANA NEO 3500LM S 600 840 SSC EM 2L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Office
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3500
Luminous flux (lm)	3500
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
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
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. Luminaires per 10A C Breaker	57
Max. Luminaires per 13A C Breaker	71
Max. Luminaires per 16A C Breaker	93
Max. Luminaires per 20A C Breaker	114
Max. Luminaires per 10A B Breaker	35
Max. Luminaires per 13A B Breaker	45

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Max. Luminaires per 16A B Breaker	55
Max. Luminaires 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)	616
Nominal Product Width (mm)	616
Nominal Product Height (mm)	50
Weight (kg)	5.0

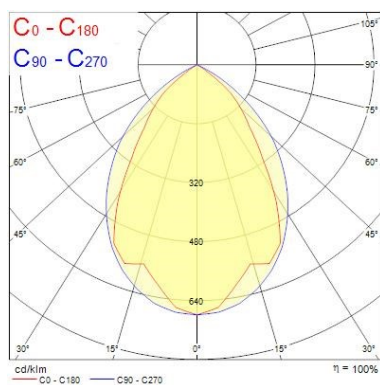
Packaging

Single packaging type	Carton
Product EAN number	5410288542218
Packaging single length / height (cm)	67.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (outer)	05410288542218
Units per outer package	1
Packaging outer length / height (cm)	67.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	64.5

Safety data

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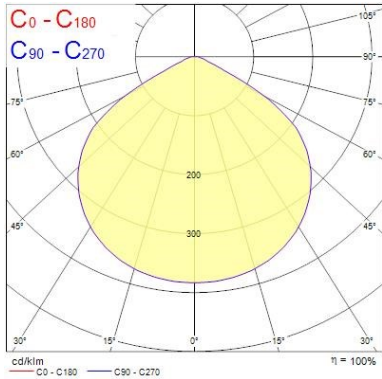
PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.89 0.67	41.8° 33.7°	9674 2007 2789
1.0	1.78 1.33	41.8° 33.7°	2390 802 696
1.5	2.66 2.00	41.8° 33.7°	1084 223 308
2.0	3.55 2.67	41.8° 33.7°	596 135 173
2.5	4.44 3.33	41.8° 33.7°	383 80 111
3.0	5.33 4.00	41.8° 33.7°	266 56 77

Distance [m]
Cone diameter [m]
Beam angle [°]
Illuminance [lx]

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TECHNICAL DRAWINGS

