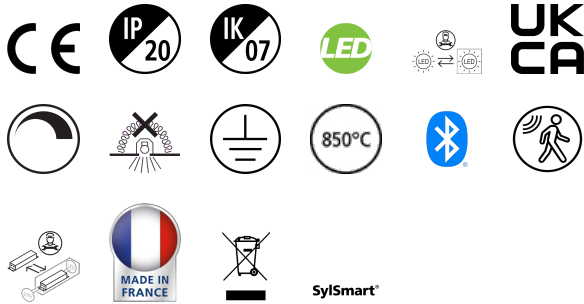


# RANA NEO 6800LM S 1200 830 SSA03 2L WHITE

Code article 0044683

**SYLVANIA**

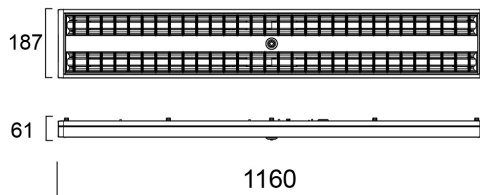
**PRO**<sup>TM</sup>



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, SylSmart Connected capable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 6800lm, 58W, 117lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, 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.

## Atouts techniques

### Dimensions (mm)

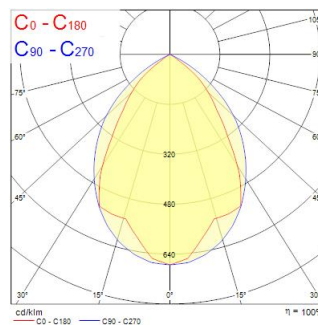


### Photométrie

0.5	0.90 0.66	E107 E100 E100	19470 3910 8209
1.0	1.79 1.37	E107 E100 E100	4818 963 1952
1.5	2.68 2.05	E107 E100 E100	2082 424 879
2.0	3.59 2.74	E107 E100 E100	1154 230 473
2.5	4.49 3.42	E107 E100 E100	739 146 302
3.0	5.38 4.11	E107 E100 E100	512 102 213

Distance [m]    Cone diameter [m]    Illuminance [lx]

— C0 - C180 (Half beam angle: 60.9°)  
— C90 - C270 (Half beam angle: 63.9°)



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## Données générales

Nom du produit	RANA NEO 6800LM S 1200 830 SSA03 2L WHITE
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling surface mounting, Suspended
Built in presence detector	PIR
General application	Office, Education
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

## Données optiques

Fixture luminous flux (lm)	6800
Luminaire efficacy (lm/W)	117
Température de couleur (K)	3000
Couleur de lumière	Warm White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

## Caractéristiques électriques

Emergency type	
Consommation électrique totale (W)	58
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	300
Courant d'appel (A)	27
Inrush Duration (µs)	175
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	25
Max. products per 13A C Breaker	32
Max. products per 16A C Breaker	40
Max. products per 20A C Breaker	50
Max. products per 10A B Breaker	15
Max. products per 13A B Breaker	19
Max. products per 16A B Breaker	24
Max. products per 20A B Breaker	30
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

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## Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B20	96000
Lifespan L90 B10	43500

## Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Finition réflecteur	Not Applicable
Longueur (mm)	1160
Largeur (mm)	187
Nominal Product Height (mm)	47
Poids (kg)	3.2

## Emballage

Product EAN number	5410288446837
Longueur simple de l'emballage (cm)	153.5
Largeur simple de l'emballage (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288446837
Units per outer package	1
Packaging outer length / height (cm)	153.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	21.0

## Sécurité

Glow Wire Test (°C)	850
Condition de fonctionnement optimal (° C)	-5-25