

RANA NEO 8800LM S 1500 830 SSA03 2L WHITE

Item No: 0044687

SYLVANIA

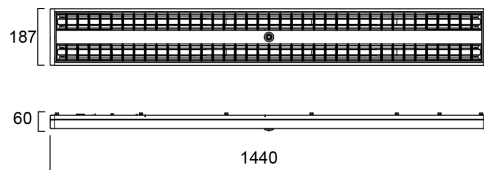
PROTM



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1440x187x56mm, White body colour, IP20, IK07, SylSmart Connected capable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 8800lm, 76W, 124lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<17, 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.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E107	E108	E109	E110	E111	E112	E113	E114	E115	E116	E117	E118	E119	E120	Beam angle [°]	Illuminance [lx]
0.5	0.90 0.66	2096	4192	4192	4192	4192	4192	4192	4192	4192	4192	4192	4192	4192	4192	34.4°	6992
1.0	1.79 1.37	524	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	34.4°	1748
1.5	2.68 2.05	293	586	586	586	586	586	586	586	586	586	586	586	586	586	34.4°	754
2.0	3.58 2.74	141	282	282	282	282	282	282	282	282	282	282	282	282	282	34.4°	357
2.5	4.48 3.42	94	188	188	188	188	188	188	188	188	188	188	188	188	188	34.4°	286
3.0	5.38 4.11	69	138	138	138	138	138	138	138	138	138	138	138	138	138	34.4°	198

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

— C0 - C180 (Half beam angle: 60.8°)
— C90 - C270 (Half beam angle: 63.8°)



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General data

Product name	RANA NEO 8800LM S 1500 830 SSA03 2L WHITE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	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 years

Optical data

Fixture luminous flux (lm)	8800
Luminaire efficacy (lm/W)	124
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	76
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
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	300
Inrush Current (A)	27
Inrush Duration (µs)	175
Energy Efficiency Class (A->G) of contained light source	C, D(more than 1 Light Source)
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 ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

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Lifetime data

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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1440
Nominal Product Width (mm)	187
Nominal Product Height (mm)	47
Weight (kg)	3.9

Packaging

Product EAN number	5410288446875
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288446875
Units per outer package	1
Packaging outer length / height (cm)	153.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	21.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-5-25