

RANA NEO 9500LM S 1500 840 SSA03 2L WHITE

Item No: 0044689

SYLVANIA

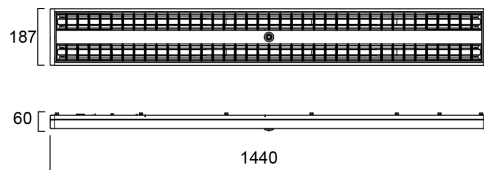
PROTM



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%), Neutral White (4000K) LED Colour Temperature, 9500lm, 76W, 134lm/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.

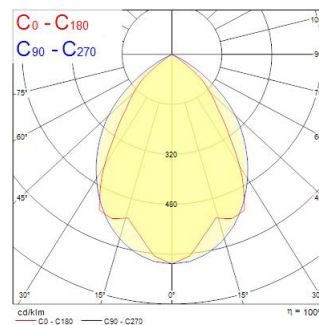
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E107	E100	E190	E180	E170	E160	E150	E140	E130	E120	E110	E100	E90	E80	E70	E60	E50	E40	E30	E20	E10	0		
0.5	0.90 0.66	2545	5270	7198	8131	8968	9719	10394	11003	11647	12326	13040	13789	14573	15392	16246	17135	18059	19018	20012	21041	22105	23204	24338	
1.0	1.79 1.37	6371	1317	1799	2032	2224	2387	2521	2636	2733	2814	2881	2935	2978	3011	3035	3051	3059	3060	3054	3041	3021	2995	2963	
1.5	2.68 2.05	2332	888	1200	1350	1463	1538	1594	1634	1661	1678	1686	1691	1694	1696	1697	1697	1696	1694	1691	1686	1678	1661	1634	1594
2.0	3.59 2.74	1590	579	769	863	932	987	1030	1063	1088	1106	1118	1124	1127	1128	1128	1127	1124	1118	1106	1088	1063	932	769	579
2.5	4.49 3.42	1019	371	489	552	596	628	651	667	677	683	686	687	687	687	687	687	687	687	687	687	687	687	687	687
3.0	5.38 4.11	708	261	344	387	416	435	448	457	463	466	468	469	469	469	469	469	469	469	469	469	469	469	469	469



RANA NEO 9500LM S 1500 840 SSA03 2L WHITE

Item No: 0044689

SYLVANIA

General data

Product name	RANA NEO 9500LM S 1500 840 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)	9500
Luminaire efficacy (lm/W)	134
Correlated colour temperature (k)	4000
Light colour	Neutral 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, C(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

RANA NEO 9500LM S 1500 840 SSA03 2L WHITE

Item No: 0044689



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	5410288446899
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288446899
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