

RANA NEO 9500LM S 1500 840 CC 2L WHITE

Item No: 0054259

SYLVANIA

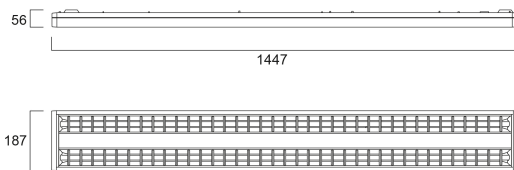
PROTM



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1447x187x56mm, White body colour, IP20, IK07, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 9500lm, 70W, 135lm/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.

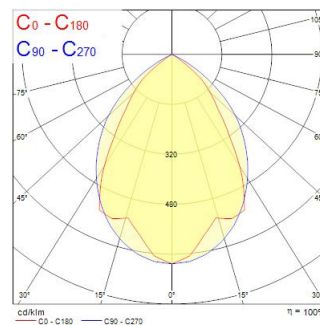
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E107	E108	E109	E110	E111	E112	E113	E114	E115	E116	E117	E118	E119	E120	E121	E122	E123	E124	E125	E126	E127	E128	E129	E130	E131	E132	E133	E134	E135	E136	E137	E138	E139	E140	E141	E142	E143	E144	E145	E146	E147	E148	E149	E150	E151	E152	E153	E154	E155	E156	E157	E158	E159	E160	E161	E162	E163	E164	E165	E166	E167	E168	E169	E170	E171	E172	E173	E174	E175	E176	E177	E178	E179	E180	E181	E182	E183	E184	E185	E186	E187	E188	E189	E190	E191	E192	E193	E194	E195	E196	E197	E198	E199	E200																																																																																																																																																																																																																																																																																																			
0.5	0.90 0.66	2545	5270	7198	9500	12100	14700	17300	20000	22600	25200	27800	30400	33000	35600	38200	40800	43400	46000	48600	51200	53800	56400	59000	61600	64200	66800	69400	72000	74600	77200	79800	82400	85000	87600	90200	92800	95400	98000	100600	103200	105800	108400	111000	113600	116200	118800	121400	124000	126600	129200	131800	134400	137000	139600	142200	144800	147400	150000	152600	155200	157800	160400	163000	165600	168200	170800	173400	176000	178600	181200	183800	186400	189000	191600	194200	196800	199400	202000	204600	207200	209800	212400	215000	217600	220200	222800	225400	228000	230600	233200	235800	238400	241000	243600	246200	248800	251400	254000	256600	259200	261800	264400	267000	269600	272200	274800	277400	280000	282600	285200	287800	290400	293000	295600	298200	300800	303400	306000	308600	311200	313800	316400	319000	321600	324200	326800	329400	332000	334600	337200	339800	342400	345000	347600	350200	352800	355400	358000	360600	363200	365800	368400	371000	373600	376200	378800	381400	384000	386600	389200	391800	394400	397000	399600	402200	404800	407400	410000	412600	415200	417800	420400	423000	425600	428200	430800	433400	436000	438600	441200	443800	446400	449000	451600	454200	456800	459400	462000	464600	467200	469800	472400	475000	477600	480200	482800	485400	488000	490600	493200	495800	498400	501000	503600	506200	508800	511400	514000	516600	519200	521800	524400	527000	529600	532200	534800	537400	540000	542600	545200	547800	550400	553000	555600	558200	560800	563400	566000	568600	571200	573800	576400	579000	581600	584200	586800	589400	592000	594600	597200	599800	602400	605000	607600	610200	612800	615400	618000	620600	623200	625800	628400	631000	633600	636200	638800	641400	644000	646600	649200	651800	654400	657000	659600	662200	664800	667400	670000	672600	675200	677800	680400	683000	685600	688200	690800	693400	696000	698600	701200	703800	706400	709000	711600	714200	716800	719400	722000	724600	727200	729800	732400	735000	737600	740200	742800	745400	748000	750600	753200	755800	758400	761000	763600	766200	768800	771400	774000	776600	779200	781800	784400	787000	789600	792200	794800	797400	800000	802600	805200	807800	810400	813000	815600	818200	820800	823400	826000	828600	831200	833800	836400	839000	841600	844200	846800	849400	852000	854600	857200	859800	862400	865000	867600	870200	872800	875400	878000	880600	883200	885800	888400	891000	893600	896200	898800	901400	904000	906600	909200	911800	914400	917000	919600	922200	924800	927400	930000	932600	935200	937800	940400	943000	945600	948200	950800	953400	956000	958600	961200	963800	966400	969000	971600	974200	976800	979400	982000	984600	987200	989800	992400	995000	997600	1000200



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General data

Product name	RANA NEO 9500LM S 1500 840 CC 2L WHITE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Built in presence detector	NONE
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)	136
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)	74
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	No
Dimming method	N/A
Drive current (mA)	300
Inrush Current (A)	45
Inrush Duration (µs)	100
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	31
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	62
Max. products per 10A B Breaker	18
Max. products per 16A B Breaker	30
Max. products per 20A B Breaker	37
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	96000

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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	5410288542591
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288542591
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