

RANA LED R 600 LO 4K LOUVV+PRI W GEN2

Item No: 0052404

SYLVANIA

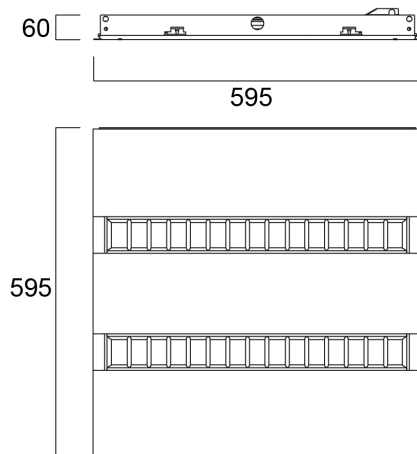
PROTM



Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 595x595x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 570x130mm, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3000lm, 28W, 107lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m², Lumen Maintenance: L90B10 at 50,000 hours, Glow Wire Test 850°C, Quick and easy electrical connection with direct access to push-connectors on top, 2 x metallic safety cables (1.5m) included, the luminaire can be covered with building insulation of Glass Wool type.

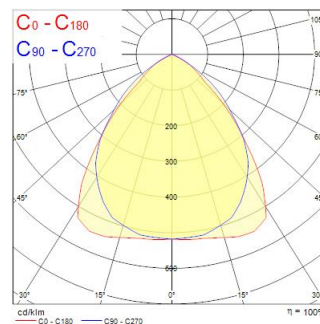
Technical Assets

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	0.95 0.91	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
1.0	1.90 1.82	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
1.5	2.85 2.73	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
2.0	3.81 3.64	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
2.5	4.76 4.55	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
3.0	5.71 5.46	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200



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General data

Product name	RANA LED R 600 LO 4K LOUV+PRI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
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
E-number FI	4273755
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3000
Luminaire efficacy (lm/W)	107
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)	28
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 %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	275
Inrush Current (A)	22
Inrush Duration (µs)	250
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	28
Max. products per 13A C Breaker	36
Max. products per 16A C Breaker	45
Max. products per 20A C Breaker	56
Max. products per 10A B Breaker	17
Max. products per 13A B Breaker	22
Max. products per 16A B Breaker	27
Max. products per 20A B Breaker	34
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	50000
Lifespan L70 B10	50000
Lifespan L80 B50	50000
Lifespan L80 B10	50000
Lifespan L90 B50	50000
Lifespan L90 B10	50000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	60
Weight (kg)	4.5
Recessed Depth (mm)	120

Packaging

Product EAN number	5410288524047
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288524047
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

Safety data

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