

RANA HELIOS R 600 3L LOUVV+PRI

Item No: 0044995

SYLVANIA

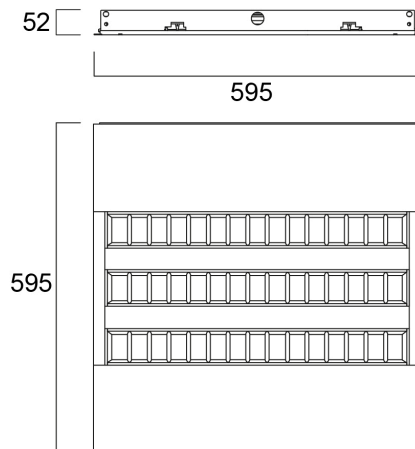
PROTM



Ceiling recessed luminaire, dimensions: 595 x 595 x 52mm, white (RAL9016) coated body, satin aluminium reflector (double symmetrical light distribution), for 3 x Helios LED T5 lamps (lamps not included), constant current LED driver, low LED flicker (+/-5%), 150mA drive current, push-in connector, IP20, IK07

Technical Assets

Dimensions (mm)

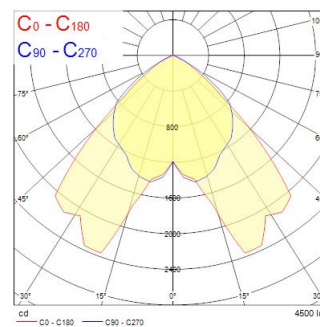


Photometrics

Distance [m]	Cone diameter [m]	E107	E100	E100	E100
0.5	1.28 1.06	2105	3203	3203	3203
1.0	2.56 2.10	537	197	197	197
1.5	3.84 3.15	231	85	85	85
2.0	5.12 4.20	129	46	46	46
2.5	6.40 5.25	87	31	31	31
3.0	7.68 6.30	59	21	21	21

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

— C0 - C180 (Half beam angle: 90.0°)
— C90 - C270 (Half beam angle: 104.0°)



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General data

Product name	RANA HELIOS R 600 3L LOUV+PRI
Technology	Light Source Not Integrated
Cap/Base	G5
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	10°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)	4500
Luminaire efficacy (lm/W)	145
Correlated colour temperature (k)	4000
Light colour	N/A
CRI (Ra)	85
Colour Variation Initial (SDCM)	N/A
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Light source included	Fixture without Lightsource
Emergency type	
Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.98
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)	150
Inrush Current (A)	32
Inrush Duration (µs)	240
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	16
Max. products per 13A C Breaker	21
Max. products per 16A C Breaker	26
Max. products per 20A C Breaker	35
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	16
Max. products per 20A B Breaker	21
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	75000
Lifespan L80 B50	50000

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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	52
Weight (kg)	4.5

Packaging

Product EAN number	5410288449951
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288449951
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)	10-25