

# RANA HELIOS R 600 2L LOUV+PRI DALI

Item No: 0044990

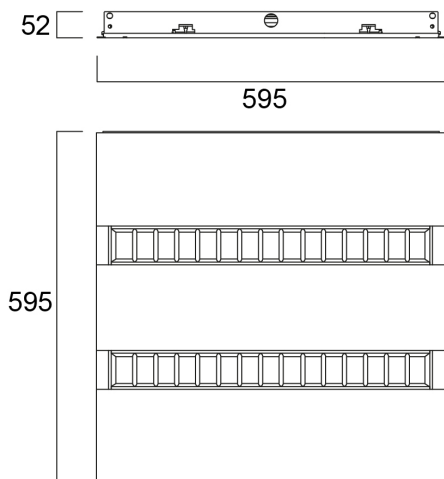
**SYLVANIA**

**PRO**



## Technical Assets

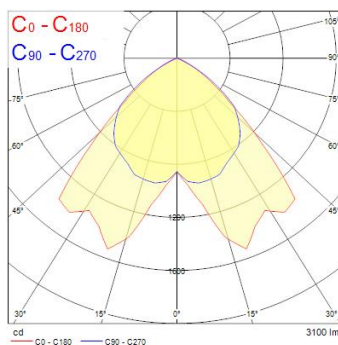
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)	Illuminance [lx]
0.5	1.29	1036	53.3°	155	1036
	1.06	329	48.7°	308	329
1.0	2.59	256	53.3°	191	256
	2.12	199	48.7°	143	199
1.5	3.88	117	53.3°	117	117
	3.18	91	48.7°	91	91
2.0	5.18	69	53.3°	69	69
	4.24	54	48.7°	54	54
2.5	6.47	43	53.3°	43	43
	5.31	34	48.7°	34	34
3.0	7.76	29	53.3°	29	29
	6.37	23	48.7°	23	23

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 93.4°)  
 C90 - C270 (Half beam angle: 104.8°)



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## General data

Product name	RANA HELIOS R 600 2L LOUV+PRI DALI
Technology	LED
Cap/Base	G5
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	141
Correlated colour temperature (k)	4000
Light colour	N/A
CRI (Ra)	85
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	46
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

## Electrical data

Light source included	Fixture without Lightsource
Total power consumption (W)	22
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.99
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimming method	DALI
Drive current (mA)	150
Inrush Current (A)	23
Inrush Duration (µs)	174
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	18
Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	28
Max. products per 20A C Breaker	34
Max. products per 20A B Breaker	17
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

## Lifetime data

Lifespan L70 B50	75000
Lifespan L80 B50	50000

## Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	52
Weight (kg)	4.5

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## Packaging

Product EAN number	5410288449906
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288449906
Packaging outer length / height (cm)	62.0

## Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	10-25