

## Rana Helios 600

RANA HELIOS R 600 2L LOUV+PRI  
0044994



### Product features

- Ceiling recessed luminaire, dimensions: 595 x 595 x 52mm, white (RAL9016) coated body, satin aluminium reflector (double symmetrical light distribution), for 2 x Helios LED T5 lamps (lamps not included), constant current LED driver, low LED flicker (+/-5%), 150mA drive current, push-in connector, IP20, IK07



### PRODUCT OVERVIEW

Product name	RANA HELIOS R 600 2L LOUV+PRI
Technology	LED
Cap/Base	G5
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
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
Glare control	< 19
Photobiological Risk Group	RG1
Light source included	Fixture without Lightsource
Total power consumption (W)	22
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288449944

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### DATA TABLE

#### General data

Product name	RANA HELIOS R 600 2L LOUV+PRI
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
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9
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
Glow Wire Test (°C)	850
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

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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 - 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

### Packaging

Product EAN number	5410288449944
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288449944
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

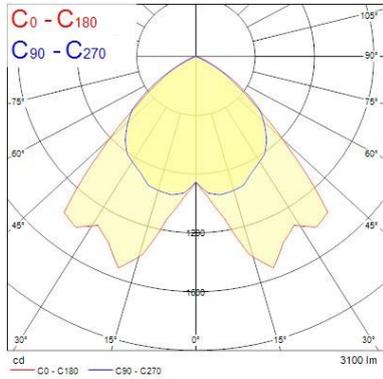
### Safety data

Optimal operating condition (°C)	10-25
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## PHOTOMETRY

## Rana Helios 600

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Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	1.29	62.3°	1056	155
	1.06	48.7°	3085	
1.0	2.59	62.3°	2648	319
	2.12	48.7°	771	
1.5	3.88	62.3°	1176	151
	3.18	48.7°	342	
2.0	5.19	62.3°	662	56
	4.24	48.7°	190	
2.5	6.47	62.3°	433	54
	5.31	48.7°	152	
3.0	7.76	62.3°	294	38
	6.37	48.7°	88	

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

— C0 - C180 (Half beam angle: 93.4°)  
— C90 - C270 (Half beam angle: 104.6°)

### TECHNICAL DRAWINGS

