

Rana Helios 600

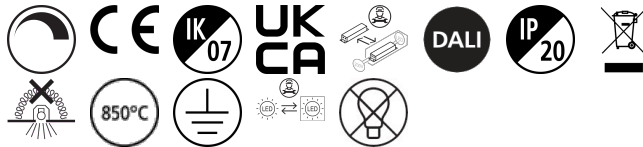
RANA HELIOS R 600 3L LOUV+PRI DALI

0044991



Product features

- 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), DALI dimmable LED driver, low LED flicker (+/-5%), 150mA drive current, push-in connector, IP20, IK07



PRODUCT OVERVIEW

Product name	RANA HELIOS R 600 3L LOUV+PRI DALI
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)	4500
Luminaire efficacy (lm/W)	145
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)	31
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288449913

Rana Helios 600

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0044991

DATA TABLE

General data

Product name	RANA HELIOS R 600 3L 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)	4500
Luminaire efficacy (lm/W)	145
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)	31
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.99
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	Yes
Dimming method	DALI
Drive current (mA)	150
Inrush Current (A)	23
Inrush Duration (µs)	174
Glow Wire Test (°C)	850
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

Rana Helios 600

RANA HELIOS R 600 3L LOUV+PRI DALI

0044991

Max. products per 20A C Breaker	34
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	14
Max. products per 20A B Breaker	17
Connectable conductor cross section - Max (mm ²)	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	5410288449913
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288449913
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

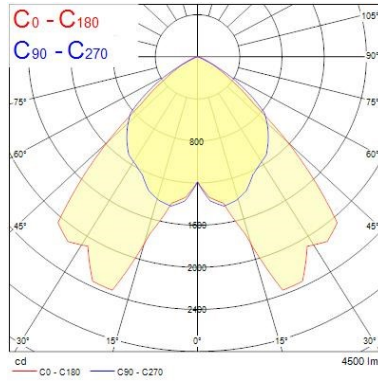
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0.5	1.28 1.05	E(0°) 21426 E(C90) 3026 E(C0) 7039
1.0	2.56 2.10	E(0°) 5357 E(C90) 797 E(C0) 1750
1.5	3.84 3.15	E(0°) 2311 E(C90) 336 E(C0) 752
2.0	5.12 4.20	E(0°) 1339 E(C90) 189 E(C0) 440
2.5	6.40 5.25	E(0°) 657 E(C90) 121 E(C0) 252
3.0	7.68 6.30	E(0°) 596 E(C90) 84 E(C0) 196

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

— C0 - C180 (Half beam angle: 82.0°)
— C90 - C270 (Half beam angle: 104.0°)



TECHNICAL DRAWINGS

