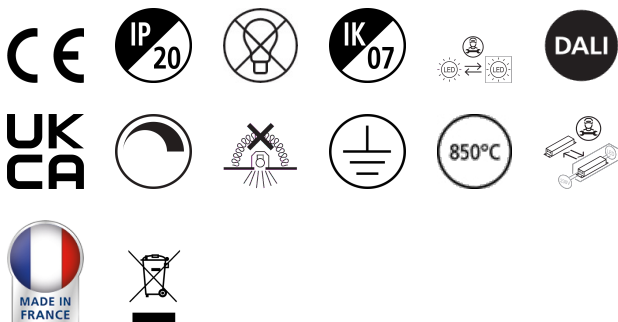


RANA HELIOS R 600 3L LOUV+PRI DALI

Item No: 0044991

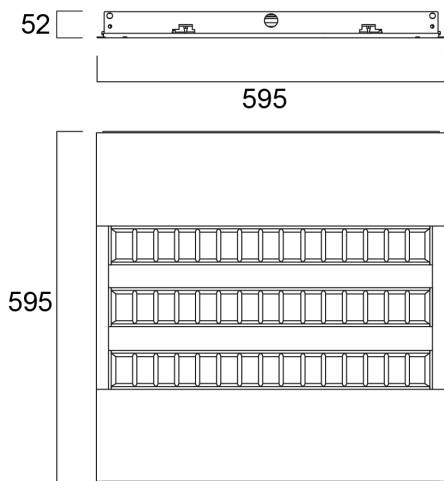
SYLVANIA

PRO



Technical Assets

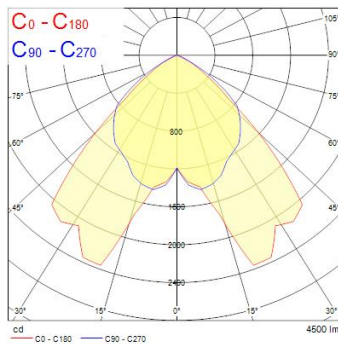
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.28 1.25	2145	52.0° 503	45.4° 709	
1.0	2.56 2.10	537	52.0° 187	45.4° 176	
1.5	3.84 3.15	231	52.0° 130	45.4° 132	
2.0	5.12 4.20	133	52.0° 95	45.4° 100	
2.5	6.40 5.25	87	52.0° 71	45.4° 76	
3.0	7.68 6.30	66	52.0° 54	45.4° 58	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 92.5°)
 — C90 - C270 (Half beam angle: 104.7°)



RANA HELIOS R 600 3L LOUV+PRI DALI

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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
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 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

RANA HELIOS R 600 3L LOUV+PRI DALI

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Packaging

Product EAN number	5410288449913
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288449913
Packaging outer length / height (cm)	62.0

Safety data

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