LED Panel RTI Sanifica**Aria**

Hybrid device with uvOxy® air sanitization. Adjusting parameters from the SanificaAria APP or from NuBe. HCL version with Colour Temperature (K) adjustment in fixed (CCT) or automatic mode.

LABORATORY TESTING

Applications

Service sector, public sector, offices, schools

Characteristics

Power supply unit 230VAC ±10%, 50÷60Hz

Power supply - MTBF at 25°C 65,000h

Luminous flux retention at 25°C >80,000÷120,000h (L80B20)

Colour stability 3 SDCM

Mounting Recessed on Module 600, suspended with the steel cables supplied

Body Pre-galvanised sheet metal RAL 9003 matt

Optics PMMA microstructured lens

Compliance EN60598-1, EN60598-2-22, EN62471(photobiological risk-free), CAM Minimum Environmental Criteria according to DM 11.01.2017, EN60598-2-2, EN60335-2-65, ISO 15714, 2014/53/EU1

Specifications of the Air Sanitizer

Power supply unit 230VAC ±10%, 50÷60Hz

uvOxy® input power	60÷75 W
UV-C wavelength	254 nm
Sanitization flow rate	200 m³/h
UV-C power	48 W
UV-C radiation power	15 W
Sanitization speed	1-2-3 steps
Timing	programmable

Recommended cartridge life 12 months

PROGRAMMABLE 1 2 3

AUTODIMMER SD RADIO

| IP20 | IK05 | 960° | +40°C -20°C | CRI>90 | UGR<19 | FLICKER FREE |

EXAMPLE OF SANITIZATION OF AIR IN AN ENVIRONMENT

Room size		
Volume m³	Surface area m²	Initial sanitization time h
110	40	0.5
200	75	1
320	120	1.5
430	160	2
650	240	3

Version	Dimensions mm		
	L	B	H
600x600	595	595	160

LED PANEL RTI SANIFICAARIA - 600x600

cd/klm
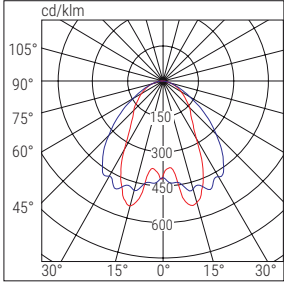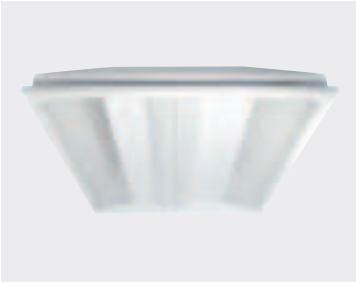
■ C90-C270   ■ C0-C180

	Order Code	Description	Power W	Colour temp. K	Chromatic yield	LED Flux lm (Tj=25°C)	Luminaire flux lm	Sanitisation flow rate m³/h			Brightness efficiency lm/W	Weight Kg	Packaging Single/ Multi pack	HCL CCT	
								1	2	3					
SD	40176UV	P RTI M600 35W U19C90 SDHCL UV	36	**HCL** 2700 ÷ 6000 **CCT** 2700-4000-6000	>90	6000	5000	100	150	200	140	7.5	1	👥☀	AUTO - DIMMER
	40171UV	P RTI M600 35W U19C90 SD4K UV	36	4000	>90	6000	5000	100	150	200	140	7.5	1		
RD	40166UV	P RTI M600 35W U19C90 RDHCL UV	36	**HCL** 2700 ÷ 6000 **CCT** 2700-4000-6000	>90	6000	5000	100	150	200	139	7.5	1	👥☀	ADJUSTABLE
	40161UV	P RTI M600 35W U19C90 RD4K UV	36	4000	>90	6000	5000	100	150	200	139	7.5	1		
DALI	**MODULAR ENCODING:** To create the **DALI** version device code, select a device in the range **RD** and add to its code the suffix **DL** Example: Order Code **40166UV + DL** = Order Code **40166UVDL**														DALI

	Flow rate up to **200 m³/h**	Initial sanitisation time **15 minutes**	Initial sanitisation time **40 minutes**
		Performance related to a single system in an office of 20 sq m	Performance related to an open space with 1 device per 50 sq m

REMOTE SANITISATION MANAGEMENT, VIA SD LOGICA FM CONTROL UNIT, OR LOCALLY, WITH THE DEDICATED APP

With the integration of the SD Logica Control Unit, the sanitisation system can be connected to a network. The main parameters to regulate the system are the 3 levels of fan speed and the operating time. The system can be accessed from the NuBe portal to adjust all parameters, even remotely.

The Sanifica Aria Beghelli BLE APP (Bluetooth local remote control) has been designed to locally control the sanitisation system built into the luminaire, with the utmost simplicity. Using Bluetooth technology, the smartphone becomes a real remote control for the system, adjusting fan speed and setting the operating times of the air sanitizer.

LOGICA SD LGFM CONTROL UNIT

Order Code **21102**

NuBe

SD
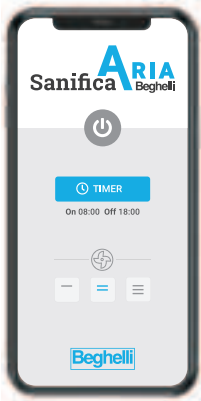
RD VERSIONS, WITH MANUALLY ADJUSTABLE FLUX/POWER IN 3 STEPS

STEP 1   STEP 2   STEP 3
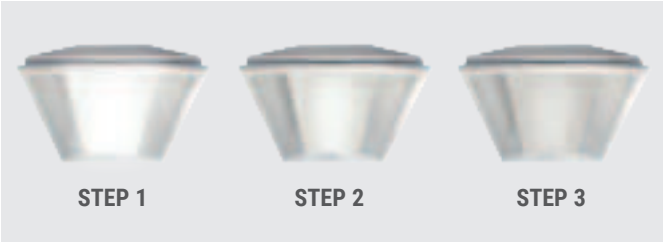
Flux/Power	LED Panel RTI SanificaAria		
	lm	W	lm/W
STEP 1	5000	36	139
STEP 2	4000	28	142
STEP 3	3400	24	142

The lighting system must consider both the required level of lighting obtained from the lighting calculation and the power saving needs. LED Panel RTI SanificaAria allows you to achieve this result thanks to its driver with a 3-step current modulation switch that provides maximum luminous efficiency and, therefore, maximum power savings, while observing the luminous flux set out in the design phase.
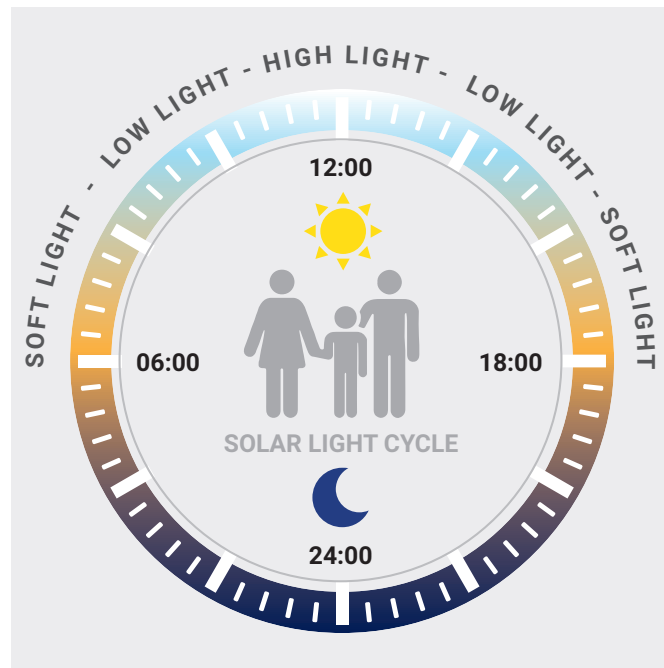
LED Panel RTI SanificaAria

HCL-CCT module, both in SD and RD version, for automatic colour temperature variation according to the solar time or to set 2700, 4000, 6000K constants
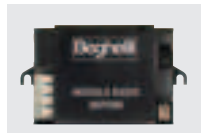
The HCL-CCT module equips both RD and SD series luminaires and allows a colour temperature adjustment in 3 steps 2700K - 4000K - 6000K (CCT). It also enables the automatic HCL (Human Centric Lighting - Biodynamic Lighting) mode, which adapts to the human biological cycle. To simply perform this function, a new preconfigured system has been developed, which takes care of the dynamic synchronisation of colour variation corresponding to the time of day with the human biological clock (circadian cycle). Each luminaire has a pre-set clock to synchronise the automatic cycle with the time of day as soon as the luminaire is connected: simply set the selector switch to HCL mode, the luminaire will recognise the time of day and provide the most suitable colour temperature. With the same selector, you can set the luminaire on the HCL or CCT mode (2700K - 4000K - 6000K) and, in the SD Auto-dimmer version, the light output also takes into account the natural light input in the room.
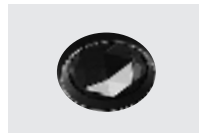

SOFT LIGHT - LOW LIGHT - HIGH LIGHT - LOW LIGHT - SOFT LIGHT

12:00
06:00
18:00
24:00

SOLAR LIGHT CYCLE

SPECIAL VARIANTS - on request

COLOUR TEMPERATURE 3000K and 6000K, 0-10V

ACCESSORIES - included

SD RADIO / 1 -10V INTERFACE	SD
SMART DIMMER LIGHT SENSOR Order Code **15039**	SD

ACCESSORIES AND SPARE PARTS - to be ordered separately
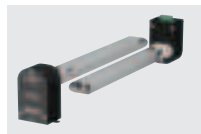
SPARE PART PURIFICATION CARTRIDGE uvOxy® Duration 12 months, at 24h/day use Order Code **26721**	**SanificaAria RADIO TRANSMITTER** Radio control via an external button, of one or more SanificaAria luminaires Order Code **20104SA**

BUILDING AUTOMATION - to be ordered separately

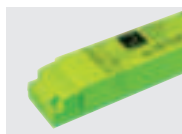|	
LOGICA SD LGFM CONTROL UNIT NuBe SD Order Code **21102**	**BUILDING AUTOMATION RADIO TRANSMITTER** Order Code **20104** SD

EMERGENCY LED INVERTERS - to be ordered separately

INVERTER PLUG&LIGHT SE/SA 1-3h 20-60V Order Code **19358** (1h) Order Code **19359** (3h) TR	**INVERTER GL AT/LG AR 15W 55V** Order Code **19391** (LiFe battery) Order Code **19390** (LTO battery) AT LG
INVERTER AT/LG AR 9W 55V Order Code **19355L** (LiFe battery) AT LG	**LGFM EMERGENCY MODULE** For AT/LG series inverters only Order Code **19375** LGFM

015 hybrid luminaires with air sanitizer

Modulo 600 SanificaAria

NuBe

LABORATORY TESTING

Recessed device for uvOxy® air sanitization. Adjusting parameters from the SanificaAria APP or from NuBe.

Device without a light source, to be used for sanitizing rooms only. Designed for integrating the uvOxy® air sanitization system in a new or existing lighting system.

It can be installed on a support on false ceilings made of Modulo 600 structures.

Applications

Service sector, public sector, offices, schools

Specifications of the Air Sanitizer

Power supply unit 230VAC ±10%, 50÷60Hz

Mounting Recessed on Module 600, suspended with the steel cables supplied

Body Pre-galvanised sheet metal RAL 9003 matt

uvOxy® input power	60÷75 W
UV-C wavelength	254 nm
Sanitization flow rate	200 m³/h
UV-C power	48 W
UV-C radiation power	15 W
Sanitization speed	1-2-3 steps
Timing	Programmable
Cartridge life	12 months
Compliance	EN60335-2-65, ISO 15714

IP20   IK05   960°   +40°C -20°C   ⏱ PROGRAMMABLE   1 2 3

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Version	Dimensions mm		
	L	B	H
600x600	595	595	160

Order Code	Description	Power W	Sanitisation flow rate m³/h			Weight Kg	Packaging Single/Multi pack
			1	2	3		
26706	SANIFICA ARIA MODULE 600	36÷60 W	100	150	200	7.5	1

Flow rate up to **200 m³/h**	Initial sanitisation time **15 minutes**	Initial sanitisation time **40 minutes**
	Performance related to a single system in an office of 20 sq m	Performance related to an open space with 1 device per 50 sq m

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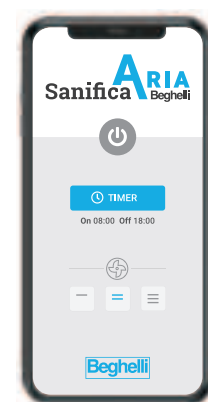
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LOGICA SD LGFM CONTROL UNIT

NuBe

Order Code **21102**

SD

ACCESSORIES AND SPARE PARTS - to be ordered separately

SPARE PART
PURIFICATION CARTRIDGE uvOxy®
Duration 12 months, at 24h/day use
Order Code **26721**

SanificaAria RADIO TRANSMITTER
Radio control via an external button,
of one or more SanificaAria luminaires
Order Code **20104SA**