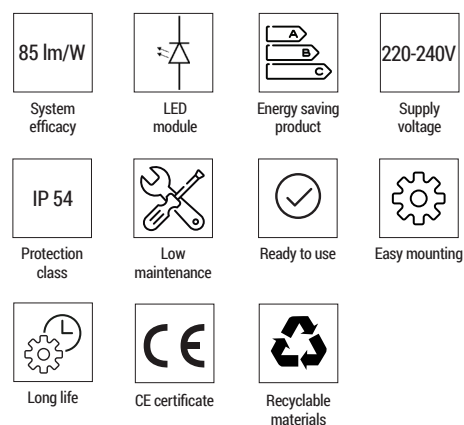# R LUM

LUMENIA INTERIOR

R LUM luminaire is an indoor luminaire that offers optimal lighting, easy installation and low maintenance. Due to the minimalist design it can easily be combined with other types of indoor lighting fixtures to create harmony in any given space.

	R LUM
System efficacy	Up to 85 lm/W
Supply voltage	220–240 VAC 50 ÷ 60 Hz
Power	15 - 36 W
Luminous flux	1,250 - 2,900 lm
Power factor	0.9
Weight	0,6 - 1,1 kg
CCT	4,000 K, 3,000 K optional
CRI	> 80
Ingress protection	IP 54
Mechanical strength	IK 08
Operating temperature	-20 °C to +40 °C
Colour	White
Housing material	Polycarbonate
Guarantee	5 years
Certificates	CE

85 lm/W — System efficacy

LED module

Energy saving product

220-240V — Supply voltage

IP 54 — Protection class

Low maintenance

Ready to use

Easy mounting

Long life

CE certificate

Recyclable materials

MAIN FEATURES

No flickering
Easy installation

APPLICATIONS

Corridors
Toilets
Staircases

ACCESORIES

HF Motion Sensor

DIMENSIONS

220 / 280 / 330 / 400

50

220 / 280 / 330 / 400

SIZE OPTIONS

Option 1: 220 x 220 x 50 mm
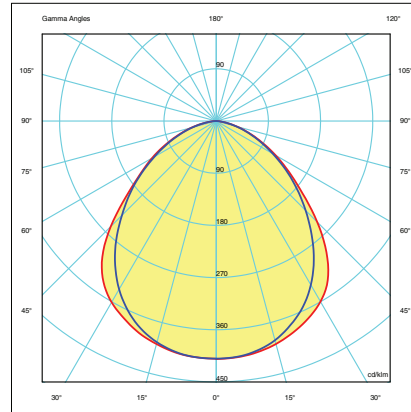Option 2: 280 x 280 x 50 mm
Option 3: 330 x 330 x 50 mm
Option 4: 400 x 400 x 50 mm
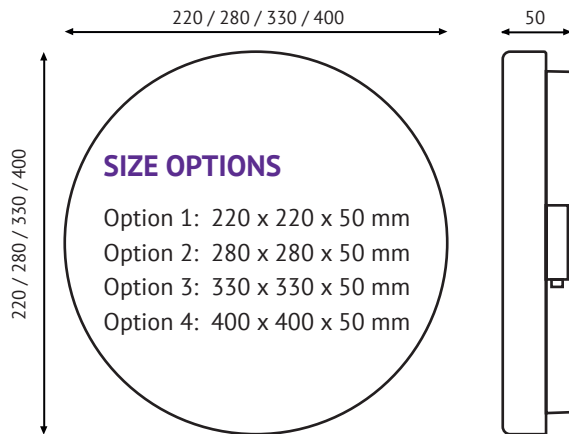
OPTIC

R LUM: Suitables for corridors, toilets and staircases

MOTION SENSOR

Reducing energy consumption of buildings is no longer possible just with an integration of highly efficient LEDs. Integrated sensor solutions provide additional energy savings and dynamic control of the light, not only with presence detection, but also with measuring the daylight and adjusting the light levels of the light.
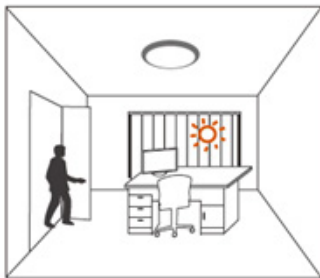
The light keeps off during daytime even when movement is detected. (Ambient lux level is above preset daylight threshold)

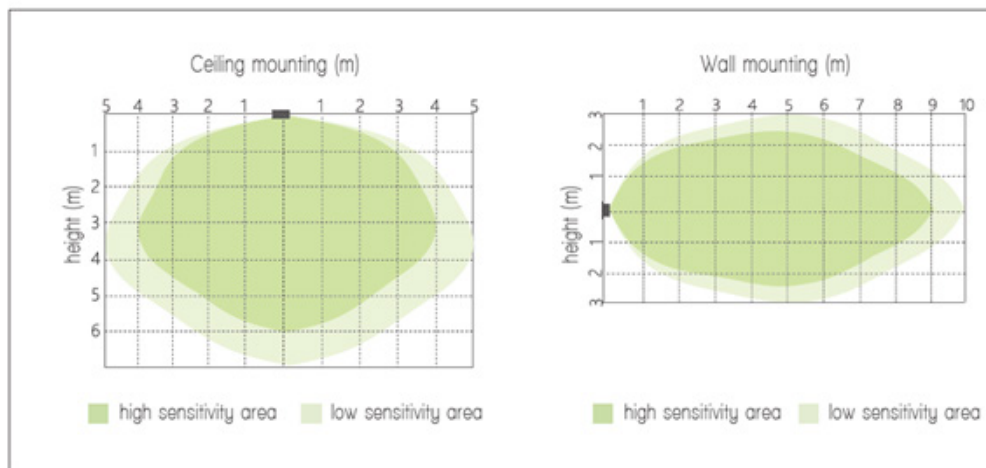With movement and insufficient ambient lux level, the light is triggered on 100% by the detector.

If there is no more movement, the light dims to stand-by dimming level after hold-time.

The light turns off automatically after stand-by time.

Detection area:

Ceiling mounting (m)

Wall mounting (m)

■ high sensitivity area   ■ low sensitivity area

■ high sensitivity area   ■ low sensitivity area

Possible settings:

1. Stand-by time

This is the time period that the light remains at a low level before it is completely turned off.

I – 0S
II – 1min
III – 10min
IV – +∞

	1	2	
I	●	●	0s
II	○	●	1min
III	●	○	10min
IV	○	○	+∞

2. Daylight threshold

Different daylight threshold can be preset on DIP switches. Light will always turn on upon movement if daylight sensor is disabled.

I – Disable
II – 50Lux
III – 10Lux
IV – 2Lux

	3	4	
I	●	●	Disable
II	○	●	50Lux
III	●	○	10Lux
IV	○	○	2Lux

3. Hold-time

Hold-time refers to the time period that the light remains 100% on if no more movement is detected.

I – 30S
II – 60S
III – 180S
IV – 10min

	5	6	
I	●	●	30S
II	○	●	60S
III	●	○	180S
IV	○	○	10min

4. Sensitivity

Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.

I – 100%
II – 75%
III – 50%
IV – 10%

	7	8	
I	●	●	100%
II	○	●	75%
III	●	○	50%
IV	○	○	10%

PRODUCT VARIATIONS

Article	Power [W]	Luminous flux [lm] *	Efficacy [lm/W]	Body type	Weight [Kg]	Additional options
R.15.4000.220	15	Up to 1250	83	220 x 220 mm	0.50	Dimmable, Motion sensor
R.18.4000.280	18	Up to 1500	83	280 x 280 mm	0.75	Dimmable, Motion sensor
R.24.4000.330	24	Up to 2050	85	330 x 330 mm	0.93	Dimmable, Motion sensor
R.36.4000.400	36	Up to 2900	81	400 x 400 mm	1.05	Dimmable, Motion sensor

*Luminous flux is valid for CCT 4000 K

The latest validated data is available at www.lumenia.com.

September 2021