

# PRODUCT DATASHEET

## SMART CEILING LIGHT LUMBIENT 18 W 3000-6500 K (On/Off)

LL Ceiling Light - Smart LED Surface luminaires with on/off built-in microwave motion sensors

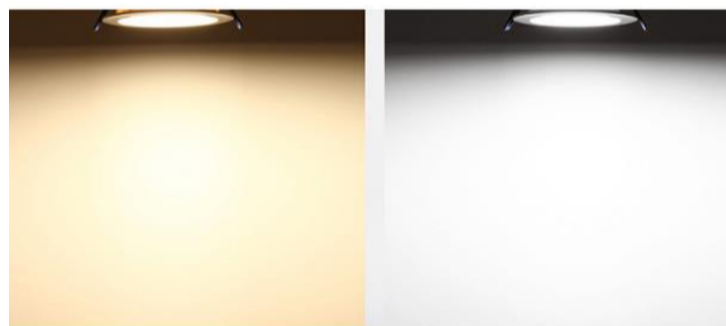


### AREAS OF APPLICATION

- Corridors
- Lobbies
- Garbage Rooms
- Service Rooms
- Low footfall areas

### PRODUCT BENEFITS

- Highly efficient LED chip and high IP rating on luminaire front side
- External driver design allows for flexible change of control gear
- Low maintenance and operation costs due to long lifetime of LED
- Good glare reduction (UGR < 19) and cut off angle up to 30° for comfortable indoor lighting
- Energy savings up to 90% thanks to the smart operational criteria that is due to the built-in smart sensor
- Energy savings thanks to system efficiency of up to 100 lm/W
- Suitable for use in areas with low ceilings thanks to compact design
- Stylish design



3000K  
Warm white

6500K  
Cool white

### PRODUCT FEATURES

- Color rendering index Ra: 80
- Initial color consistency: < 5 SDCM
- CE & RoHS test certificates
- Long lifetime: up to 50,000 h
- Type of protection: IP20

### OPERATION

- As the smart built-in sensor detects a movement, light will automatically switch on from off status for until it senses no movement for 30-45 seconds, it will automatically switch off again and vice versa. Through this technology, energy savings would reach up to 90% compared to the use of conventional lighting.



## TECHNICAL DATA

### Electrical data

Nominal wattage	18.00 W
Nominal voltage	230 V
Power Factor	0.9
Mains Frequency	50 Hz

### Photometrical data

Color temperature	3000 K – 6500 K
Luminous flux	1800 lm
Luminous efficacy	100 lm/W
Standard deviation of color matching	≤5 sdcn
Light color (designation)	Warm White – Day Light
Color rendering index Ra	80

### Light technical data

Beam angle	120 °
------------	-------

### Dimensions & weight

Diameter	300 mm
Mounting diameter	250 mm

### Colors & materials

Body material	Aluminum
Housing color	White
Product color	White

### Temperature & operating conditions

Ambient temperature range	-20°C ~ +45°C
---------------------------	---------------

### Lifespan

Lifespan L70 at 25 °C	50,000 h
Number of switching cycles	100,000

#### Additional product data

Mounting type	Surface
Mounting location	Ceiling

#### Capabilities

Dimmable	Yes
Type of connection	Terminal, 2-Pole (L, N)
Technology	Smart LED built-in sensor

#### Certificates & standards

Protection class	II
Type of protection	IP 20

#### Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
--------------	------------------------------	--------------------------------------	--------------	--------