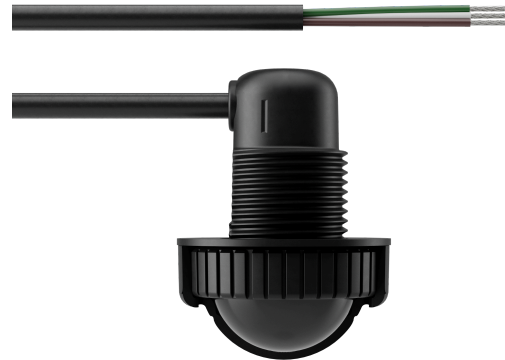


Data sheet light Citygrid Motion Sensor MKII

P/N D25010.

The Citygrid Motion Sensor MKII is a small, discreet, motion sensor for use with the Citygrid InFix24 Controller. Use the add-on shade to block detection in an optional direction.



ELECTRICAL CHARACTERISTICS

Name	Value	Unit	Condition
Universal input voltage	3,0	V _{dc}	± 10% (typically powered by Citygrid inFix24 controller)
Motion output signal	0..3,0	V	Analog signal
Motion maximum output current	0,2	mA	
Power consumption	< 1	mW	
Circuit stability (typical)	30	Seconds	When powering the sensor, detection is not guaranteed during the circuit stability time.

INTERFACES

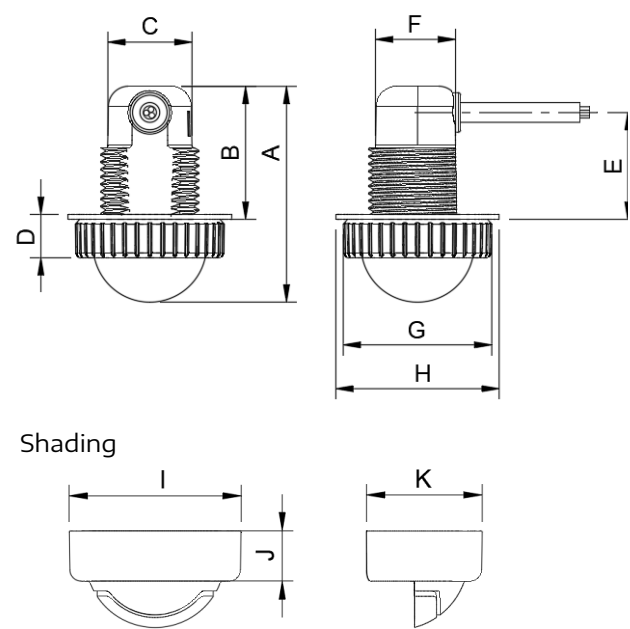
Name	Value	Condition
Citygrid InFix24 Controller	Powered by the InFix24 Controller	

PROTECTION

Specification item	Value	Unit	Condition
IP rating	IP66		On the lens side when mounted.
IK rating	IK09		Excluding the sensor lens and sensor shade.

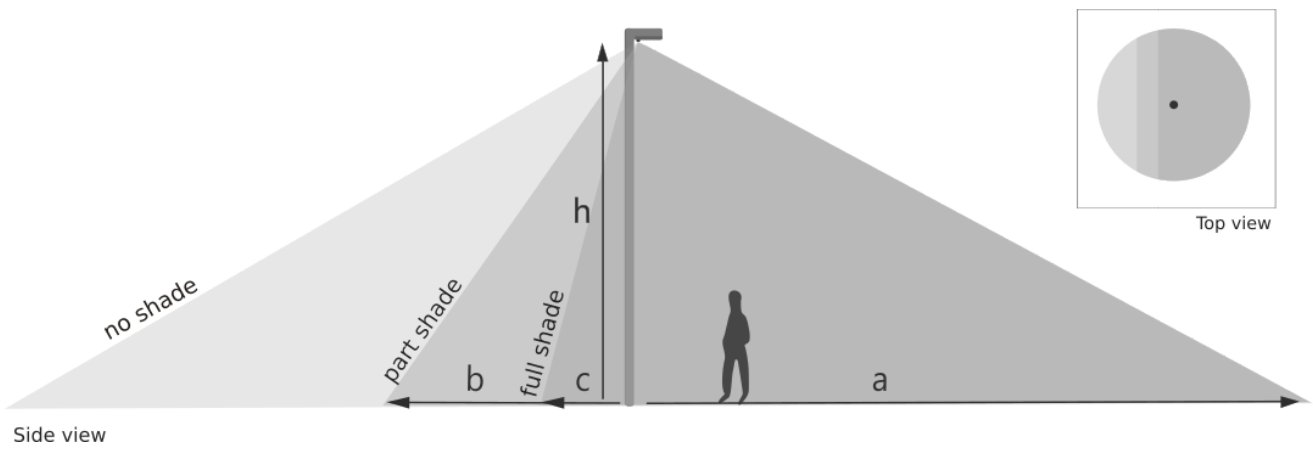
TEMPERATURE & HUMIDITY

Type	Value	Unit	Condition
Operational temperature	-30 to +60	°C	Ambient
Storage temperature	-40 to +80	°C	Ambient

SENSOR DIMENSIONS				
Item	Value	Unit	Comment	Illustration
A	44	mm	Total height	
B	27	mm		
C	17,0	mm		
D	8,8	mm		
E	21,7	mm		
F	16,5	mm		
G	30,2	mm	Sensor diameter	
H	33,2	mm	Gasket diameter	
I	32,8	mm		
J	9,6	mm		
K	22,0	mm		
Weight	0,040	kg	With shade	

MOTION DETECTION			
Details	Value	Unit	Condition
Detection technology	PIR		
Recommended installation height	4 to 8	m	Below 4 meters the risk of vandalism should be considered. Above 8 meters the detection range should be tested.

DETECTION AREA				
Height h	Radius a	Length b (partial shade)	Length c (full shade)	Unit
4	5	2	1	m
5	6	3	1.5	m
6	7	4	2	m
7	8.5	5	2.5	m
8	10	6	3	m



CAUTION

- Avoid touching live parts.
- Do not use the product with damaged housing, connectors or wires.
- Do not service when the mains voltage is connected. This includes connecting or disconnecting the LED driver.
- The product should only be installed by a trained or qualified person.

