

RK210-01 Illuminance Sensor

RK210-01 Illuminance Sensor is very sensitivity and can detect weak light, has a wide measuring range, high accuracy, good waterproof performance, easy to use, easy to install. It's suitable for most applications, especially in agricultural greenhouses, urban lighting and other places.

FEATURES

- ☐ High sensitivity
- ☐ Applicable to various harsh environments
- ☐ High precision, wide measuring range
- ☐ Compact size
- ☐ Easy installation



ABS housing without display



ABS housing with display



Metal(aluminium alloy) housing without display

APPLICATIONS

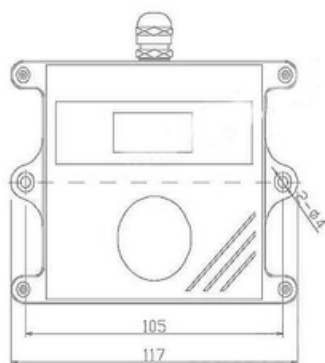
- ☐ Agro-meteorological
- ☐ Intelligent buildings
- ☐ Greenhouse control
- ☐ Weather stations
- ☐ Crop monitoring

SPECIFICATIONS

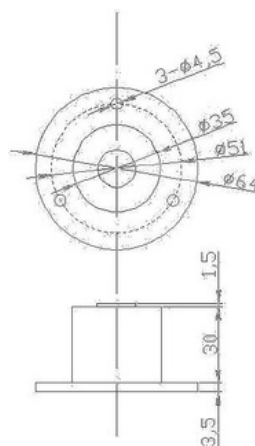
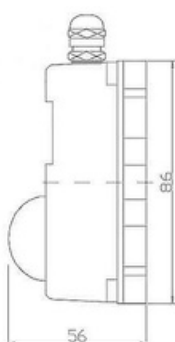
Item	Specification	
Range	0-2000lux,0-20klux,0-200klux optional	
Spectral range	380-780nm	
Supply	5VDC,12-24VDC	
Output	4-20mA,0-5V,0-10V	RS485
Accuracy	<±5%FS	<±4%FS
Response time	1s	
Temperature effect	±0.2%/°C	
Repeatability Display	<1%FS	
Operating temperature	LCD optional(ABS housing)	
Weight(unpacked)	-40°C-+75°C	
Shell material	170g	
	ABS,metal shell can be customized	

DIMENSION

Unit:mm



ABS housing



Metal housing

PARAMETER SELECTION TABLE

Remark	Series	Type	Supply	Range	Output	Cable Length	
RK							
	210						
		01A					ABS housing
		01B					Metal housing
			A				5V
			B				12-24V
			X				Other
				A			0-2000lux
				B			0-20klux
				C			0-200klux
				X			Other
					A		4-20mA
					B		0-5V
					C		0-10V
					D		RS485
					X		Other
						2000	Units:mm t yp)
						3000	Units:mm
						...	Units:mm

Example:RK210-01ABBA2000 ABShousing,Supply:12-24V,Range:0-20klux,Output:4-20mA,CableLength:2m.



Complies with applicable CE directives.

Specifications subject to change without notice. Version 1.0

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