

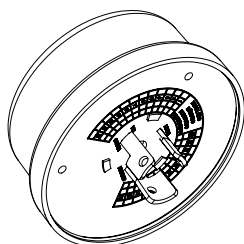
# PHOTOELECTRONIC RELAY PREMIUM

For the automatic control of lighting in public roads, squares, industries, shops, condominiums and other places, according to variations in natural light.

LN type relays (turn on at night), with contacts that remain on at night and off during the day.



## MODEL:



With ABNT NBR-5123 standard connector.

Lamps	Incandescent or Mixed		High intensity discharge (HID)	LED*	Other loads	
	127V~	220V~	127/220V~	127/220V~	127V~	220V~
<b>Model</b>						
<b>RFE-181</b>	600W	1000W	500W (FP >0,92)	300W	1200VA	1800VA

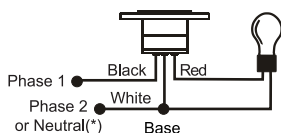
\* Do not install more than 7 lamps, fixtures or led reflectors in the same relay.

## FEATURES

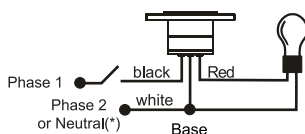
Microcontrolled relay  
Supply voltage: 105 to 305V~ 50/60Hz  
Delay time to turn on: 5 seconds  
Protection against electrical surges: 10kV / 5kA (1.2 x 50µs)  
Fail Off: in case of failure, the load will remains off.  
Sensor type: phototransistor  
Lighting level to turn on: <10 lux  
Lighting level to turn off: <30 lux  
Hysteresis: 1.5 to 3 times (on/off ratio)  
Degree of protection: IP67  
Durability: >10,000 operations under load, according to NBR-5123 standard  
Consumption without load: <1W  
Contact pins: tinned brass  
Cover material: polycarbonate with anti-UV additive  
Operating temperature: -5 to 50°C

## WIRING DIAGRAM

A) For automatic command

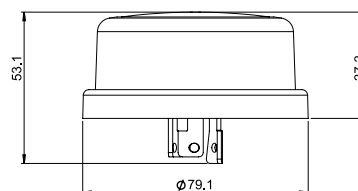


B) For automatic command and manual: the switch permits that the lamps stay off at night, it convenient.



Note: The cables' colors may be changed without previous notice.  
Observe the instructions before the installation.

## DIMENSIONS



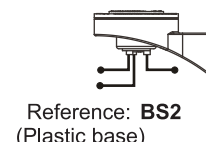
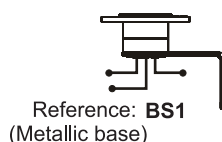
## VOLTAGE

6 - Autovolt

## PACKAGE

P - Plastic bag

## OPTIONAL\*



\* Outlet for relays. Supplied separately.

## SELECTION GUIDE

RFE -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Model	181		
Voltage		6	
Packing			P