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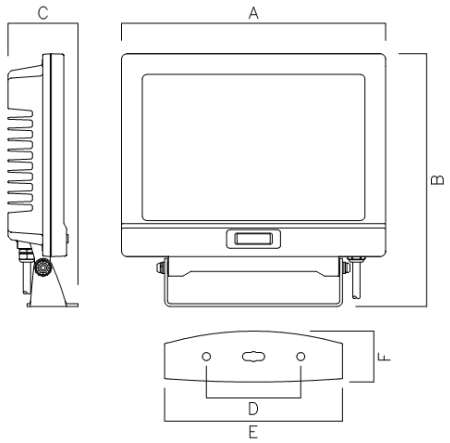
ODESSA V2 LED FLOODLIGHT INSTRUCTIONS
Issue 04 on 5th March 2021

THANK YOU for buying this product. To help ensure it gives complete satisfaction please install it according to these instructions and then pass the instructions to the appropriate person for retention and future reference.

SAFETY This is a mains powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance the electrical supply to the product must be isolated.

INSTALLATION SUPPORT If installation advice or accessories are required please contact us at the above address. We will do our best to help. When reporting a suspected fault or seeking installation support the problem is likely to be resolved most quickly if you have full product details to-hand, as well as details of when and where it was purchased.

LUMINAIRE INSTALLATION



SIZE	A	B	C	D	E	F
10W	120	125	40	30	52	28
20W	150	150	42	30	52	28
30W	180	178	46	55	82	34
50W	250	235	63	70	117	38

1. Secure the luminaire into its required fixing position using the fixing holes/slots provided in the stirrup mounting bracket (see diagrams above), ensuring the chosen method is sufficient to support the luminaire weight.
2. To rotate the luminaire to the required angle, loosen the two hinge screws where the stirrup bracket joins the main fitting with an allen key, rotate to required position, then retighten to secure.
3. The luminaire is supplied with a power supply lead already attached. Route the free end to a suitably IP rated connection point (minimum IP65) & terminate ensuring correct polarity is observed.
   WARNING: THIS LUMINAIRE MUST BE EARTHED
4. Reconnect power supply & check for correct operation.

MAINTENANCE
The luminaire should be switched off & allowed to cool before any maintenance is carried out.

1. Cleaning of the glass front cover should be carried out at regular intervals so as not impair photometric performance.
2. Dust should not be allowed to accumulate on the rear of the product as this will affect the thermal performance of the heat sink.

PIR-PEC SENSOR OPTION (…/PIR-PEC/…)

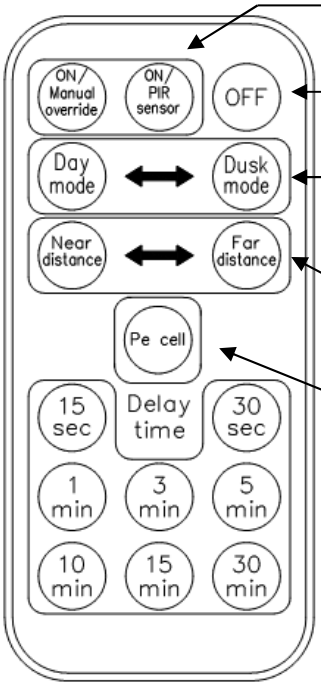
With the passive infra-red and photocell (PIR-PEC) sensor version, the following information is applicable.

PIR RATINGS

Power supply	220-240VAC 50Hz
Power Consumption	0.8W work, 0.2W static
Handset Battery Type	CR2025 (Instructions on how to change on handset)
Recommended mounting height	1.8m – 2.5m
Detection range	See diagram below, 8m max.
Photocell	70 Lux OFF / 35 Lux ON
Ambient light level setting	Day mode = Always work, Dusk mode = Work at low light levels (60 Lux or less)
Time out settings	15 sec, 30 sec, 1 min, 3 min, 5 min, 10 min, 15 min, 30 min
Default settings	PIR = On, Lux = Dusk mode, Sensitivity = Near distance, Time out = 30 sec

TO CHANGE PIR SETTINGS

The unit comes with a remote control handset, which is used to change settings of the PIR. If the default settings (listed above) are not suitable, then the use the handset as follows:



ON/Manual Override = Turn the luminaire on, but with no PIR function
ON/PIR sensor = Turn on PIR mode (Default)

Override fitting OFF

Lux sensing (green buttons):
Day mode = Always come on
Dusk mode = Only come on when ambient light level < 60 lux (Default)

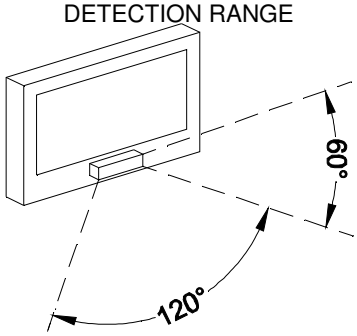
Sensitivity setting (blue buttons):
Near distance = Picks up in shorter range (Default)
Far distance = senses in longest range

Photocell mode only

Time out setting (orange buttons):
15 seconds to 30 mins
(Default = 30 secs)

Note: Press button to select setting. A successful setting is shown by the fitting switching off & then back on.

DETECTION RANGE



8m maximum. Most sensitive on direct perpendicular to front of fitting/sensor, so fitting should be tilted/angled to suit.

NOTE! The luminaire will flash off & on to show a handset command has been received.

PIR TESTING

It may be possible to test the PIR using your required settings, but if it is daylight then you can test it by:

1. Using the remote control handset, set sensor to:
   - DAY MODE by pressing the green “Day mode” button
   - FAR DISTANCE (max sensitivity) by pressing blue “Far distance” button
   - TIME DELAY to 15 Seconds by pressing the orange “15 sec” button
2. Avoid sensor detection to allow fitting to go off.
3. Create movement in front of the sensor & the luminaire will switch on.
4. Cease movement & the luminaire will switch off after 15 seconds.
5. Once satisfied it is working, adjust to required settings as listed above.

PE CELL TESTING

- Using the remote control set the fitting to Photocell only operation by pressing the blue button marked PE cell.
- To test cover the sensor and the fitting will come on, once uncovered the fitting will go off.

FAULT FINDING

If you experiencing a problem please check through the following before making contact with NVC:

Fault - Load does not come on

- Check to see if the live supply to the circuit is good.
- Check that the “Lux Sensing” setting matches the user requirements. If the 60 lux threshold of “Dusk Mode” is too low for switch on, then change to “Day Mode” setting to always come on.
- Check that the photocell mode of operation has not been selected.

Fault - Light does not go off

- Ensure that the area is left unoccupied for longer than the selected timer setting.
- Avoid direct sunlight entering the sensor.
- Do not site within 1m of forced air heating or ventilation.
- Do not fix to a vibrating surface.